John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2490 6590 – Return Receipt Requested

December 12, 2019

Marvin Ashley
Delta Water System
P.O. Box 29
Delta, LA 71233

Re: Class I Sanitary Survey
Delta Water System
PWS ID LA1065001
Madison Parish

Dear Mr. Ashley:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the December 11, 2019 sanitary survey inspection of the public water supply system for Delta Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH/OPH Engineering Services Region VIII
Marvin Ashley	Village Of Delta
Vernon Beckham	Village Of Delta
Susan Chouccoli	Village Of Delta

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

Facility	Category	Findings
Management	M&R and Data Verification	At the time of inspection, the system did not have the means to fully validate their chlorine test equipment. The system did have a set of high range secondary standards, but nothing for low range. Chlorine meters should be validated periodically according to manufacturer's recommendations to ensure the accuracy of the chlorine readings.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7246 or by email at Rory.Dobbs@LA.Gov.

Respectfully,

Rory Dobbs,
Engineer Intern II

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health
CERTIFIED MAIL: 7018 0680 0001 2490 6255

December 12, 2019

Mr. Billy C Lee, President
Walnut Bayou Water Association
1105 Hwy 602
Tallulah, LA 71282

Re: Class I Sanitary Survey
Walnut Bayou Water Association Public Water System
PWS ID LA1065004
Madison Parish

Dear Mr. Lee:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the December 5, 2019 sanitary survey inspection of the public water supply system for Walnut Bayou Water Association. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
Eran Robinson	JCP Management Inc.
Jimmy Olivoe, Jr	JCP Management Inc.
Kathy Schaufele	JCP Management Inc.

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/31/2014	11/25/2014	Sanitary Survey, Finished	Minor	Treatment	TP002-WELL #2 (WEST)
Comments: At the time of the inspection, it was found the chlorine building was in very poor repair and should be replaced.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/15/2011	09/30/2011	Sanitary Survey, Finished	Minor	Treatment	TP001-WELL #3
Comments: At the time of inspection, the chlorine gas feed equipment was housed with the discharge piping. All chlorine feed and storage equipment must be housed in accordance with all provisions of the State Sanitary Code and TSS. The chlorine equipment must be moved to adequate housing.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/15/2011	09/30/2011	Sample collection	Minor	Treatment	TP001-WELL #3
Comments: At the time of inspection, the chlorine gas feed equipment was housed with the discharge piping. All chlorine feed and storage equipment must be housed in accordance with all provisions of the State Sanitary Code and TSS. The chlorine equipment must be moved to adequate housing.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/15/2011	09/30/2011	Sanitary Survey, Finished	Minor	Treatment	TP002-WELL #2 (WEST)
Comments: At the time of inspection, the chlorine gas feed equipment was housed with the discharge piping. All chlorine feed and storage equipment must be housed in accordance with all provisions of the State Sanitary Code and TSS. The chlorine equipment must be moved to adequate housing.					

Significant Deficiencies

Facility	Category	Findings
Management	Other	At the time of the inspection, it was noted the A/C units in the pump house rooms located at the office, the Mound pumping station and the Bear Lake station were not functioning or not present and cannot keep the electrical equipment cool. Replace the A/C units at the office, the mound pumping station and the Bear Lake station sites to protect the electrical equipment. Also it was noted that all of the pump house buildings had holes in the walls allowing the elements inside. Patch or repair all of the pump house buildings to remove the rain and weather from entering the building. **See Attachment #4**

Facility	Category	Findings
Management	Other	At the time of the inspection, it was noted the generator was not functioning at the well sites. A sufficient number of generators should be installed at locations that will allow for the operation of the system in times of power outages.
Facility	Category	Findings
Management	Other	At the time of the inspection, leaks were occurring at the altitude valves located at the ground storage tanks at the Sharkey site and Mound site and at the Well 2 site. Repair or replace the altitude valves at the ground storage tanks at the Sharkey site and Mound site and at the well 2 site. Also it appears the ground storage tank at the Sharkey site has 3 small leaks occurring at the base of the northern side of the tank. Repair or replace the ground storage tank at the Sharkey site. **See Attachment #2**
Facility	Category	Findings
DS0950 - Distribution System	Distribution System	At the time of the inspection, the records for the cross connection control program with the list of customers appears to have been lost when the office was recently moved. Unless the records can be relocated, the water system must adopt and enforce a cross connection control program.
Facility	Category	Findings
1065004-002 - Well #2 (West)	Source	At the time of the inspection, the well vent at well 2 was not screened. Replace well vent screen at well 2 **See Attachment #1**

Deficiencies

Facility	Category	Findings
1065004-001 - Well #1 (East)	Source	At the time of the inspection, rust was noted on the above ground piping of well 1. Scrape and paint the above ground piping of well 1.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

Facility	Category	Findings
TP003 - WELL #1 & #2	Treatment	At the time of the inspection, it was noted the chlorine bottles were not restrained to prevent upset. Install hooks and chains to individually restrain the chlorine bottles to the walls.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
P O Box 6118
Monroe LA 71211-6118

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
8005025	01/30/2019	FAILURE ADDRESS DEFICIENCY (GWR)	

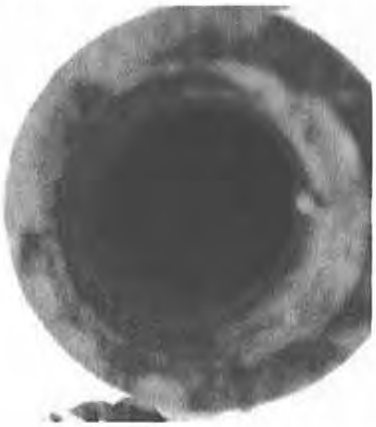
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: WELL #2 (WEST)

Category: Source

Attachment Comments: Unscreened well vent at well 2



Attachment #2

Severity: Significant

Category: Other

Attachment Comments: Ground Storage Tank at Sharkey Site with leaks



Attachment #3

Severity: None

Facility ID: ELEVATED

Category: Finished Water Storage

Attachment Comments: Elevated tank



Attachment #4

Severity: Significant

Category: Other

Attachment Comments: An example of the pump house structure not being weather resistant with holes allowing weather into the building.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2490 6583 – Return Receipt Requested

December 10, 2019

Darren Green
Bayou Macon Water System
P.O. Box 545
Delhi, LA 71232

Re: Class I Sanitary Survey
Bayou Macon Water System
PWS ID LA1065005
Madison Parish

Dear Mr. Green:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the December 10, 2019 sanitary survey inspection of the public water supply system for Bayou Macon Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	**Organization**
Rory Dobbs	LDH/OPH Engineering Services Region VIII
Kimberly Buckingham	Bayou Macon Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

Facility	Category	Findings
DS0950 - Distribution System	Distribution System	At the time of inspection, the water system had adopted a cross connection control ordinance, and had a cross connection survey performed to identify high risk customers. However, there was not any documentation showing that installed backflow prevention devices were being tested yearly. Please forward backflow prevention device test reports for all testable devices to this office once performed.

Deficiencies

Facility	Category	Findings
Management	M&R and Data Verification	At the time of inspection, the system did not have the means to validate their chlorine test equipment. Chlorine meters should be validated periodically according to manufacturer's recommendations to ensure the accuracy of the chlorine readings.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7246 or by email at Rory.Dobbs@LA.Gov.

Respectfully,

Rory Dobbs,
Engineer Intern II

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 0680 0001 2488 9091** – Return Receipt Requested

May 21, 2019

Doil Nelson
Peoples Water Service of Bastrop
Post Office Box 70
Bastrop, LA 71220

Re: Class I Sanitary Survey
Bastrop Water System Public Water System
PWS ID LA1067003
Morehouse Parish

Dear Mr. Nelson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 17, 2019 sanitary survey inspection of the public water supply system for the Bastrop Water System (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tyler Lollis	LDH/OPH Engineering Services Region 8
Doil Nelson	Peoples Water Service of Bastrop
Matthew Crawford	Peoples Water Service of Bastrop
William Waters	Peoples Water Service of Bastrop

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1067003-008 - ARDELIA AVENUE WELL #1	Source	The Ardelia Well #1 discharge piping was fitted with a threaded sample tap, which presents a pathway for contamination to enter the well discharge piping. Replace the threaded tap with a smooth nozzle type or install an atmospheric vacuum breaker on the threaded tap to prevent contamination from backflow.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1067003-006 - ROBERT STREET WELL #1	Source	The pressure gauge on the discharge piping of Robert Well #1 was broken. The discharge piping must be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained. Install a new pressure gauge on the discharge piping.
FACILITY	CATEGORY	FINDINGS
TP006 - TP @ OGDEN ST. PLANT	Treatment	The chemical feed pump for polyphosphate at the Robert well site is not secured. The pump should be secured to reduce hazard of chemical spill and equipment failure, but still be readily accessible for servicing, repair, and observation of operation. The pump should be conveniently located near points of application to minimize length of feed lines. Secure the polyphosphate chemical feed pump. (See Attachment #1)
FACILITY	CATEGORY	FINDINGS
TP007 - TP @ DONALDSON ST. PLANT	Treatment	During inspection of the caustic chemical secondary containment, it appeared that the portable framed liner provided would not be sufficient to contain the volume of the largest tank in the event of failure. The receiving basin must be re-evaluated in its current configuration to ensure it is capable of receiving accidental spills or overflows without uncontrolled discharge. If the framed liner is deemed insufficient, the portable containment must be replaced with an adequate receiving basin. Please provide the results of the containment evaluation to the Region 8 Office. (See Attachment #2)

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The pump piping at the Donaldson well site was starting to show signs of rust and corrosion. The pipe should be cleaned and repainted with NSF 61 approved paint to prevent future leaks and pipe pitting. (See Attachment #3)
FACILITY	CATEGORY	FINDINGS
TP006 - TP @ OGDEN ST. PLANT	Treatment	At the Robert well site, the polyphosphate drum access opening was not sealed. The opening should be sealed around the feed pump suction line to avoid entrance of foreign chemicals or objects which could contaminate the chemical supply. Seal the drum access opening around the pump suction line (e.g. through the drum cap). (See Attachment #1)
FACILITY	CATEGORY	FINDINGS
TP007 - TP @ DONALDSON ST. PLANT	Treatment	At the Donaldson well site, the zinc orthophosphate has a large opening on the top of the drum. The openings should be covered to avoid entrance of foreign chemicals or objects which could contaminate the chemical supply. Seal off the large opening on the top of the drum. (See Attachment #4)
FACILITY	CATEGORY	FINDINGS
SITE GROUNDS AND HOUSING	System Management and Operation	It was noted during the inspection that sites were beginning to sprout ant beds and wasp nests. The pests should be removed from the plant sites as necessary.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Tyler Lollis,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1806460-002	Routine	11/13/2018		1.280	
S1804062-001	Routine	7/17/2018		1.340	
S1803530-006	Routine	6/20/2018		1.420	
S1803324-006	Routine	6/11/2018		1.300	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past yea

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7210.

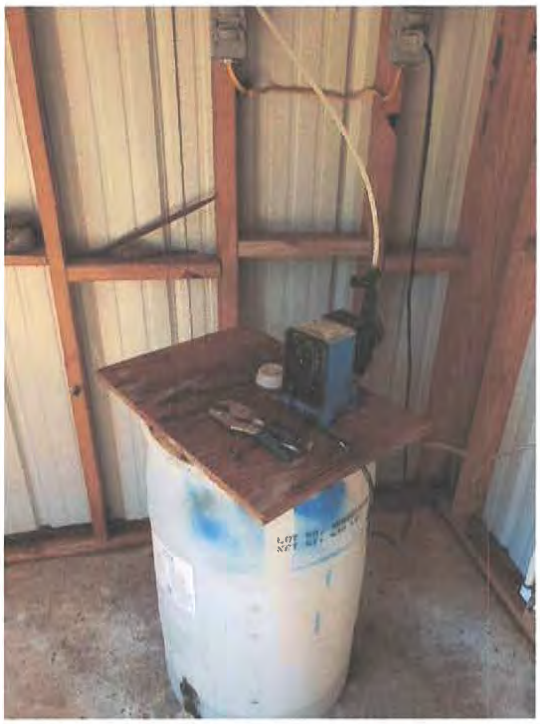
Respectfully,

Tyler Lollis

Tyler Lollis, E.I.
Region 8 – Monroe
LDH/OPH Engineering Services

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering Services
File

Attachments



Attachment #1 – Polyphosphate Chemical Feed

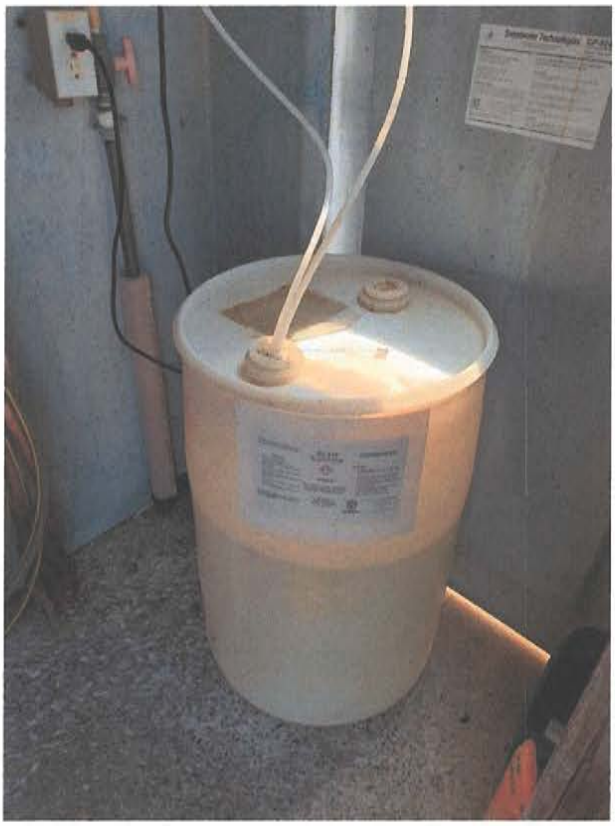


Attachment #2 – Caustic Secondary Containment

Attachments (cont.)



Attachment #3 – Pumps at Donaldson Site



Attachment #4 – Zinc Orthophosphate Chemical Feed

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health
CERTIFIED MAIL:
7018 0680 0001 2492 3481
March 13, 2019

Hon. Vergil Penn, Mayor
BONITA WATER SYSTEM
PO Box 278
Bonita, LA 71223

Re: Class I Sanitary Survey
BONITA WATER SYSTEM Public Water System
PWS ID LA1067004
MOREHOUSE Parish

Dear Mr. Penn:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 12, 2019 sanitary survey inspection of the public water supply system for BONITA WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
Gabriel Winston	G & G Water Services LLC

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
01/22/2019	02/11/2019	Sanitary Survey Follow-up	Significant	Other	1067004-002-WELL #3
Comments:					

Visit Date	Notify Date	Reason	Severity	Category	Facility
01/22/2019	02/11/2019	Sanitary Survey Follow-up	Significant	Source	1067004-002-WELL #3
Comments: The well is currently inoperable. While the water system does have an emergency connection to Jones McGinty, the system must repair or refurbish the well in order to provide water in the event Jones McGinty is unable to provide the quantity of water needed.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
01/22/2019	02/11/2019	Sanitary Survey Follow-up	Minor	Source	1067004-002-WELL #3
Comments: The flow meter was out of service. The flow meter must be repaired or replaced.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
01/22/2019	02/11/2019	Sanitary Survey Follow-up	Minor	Source	1067004-003-WELL #4
Comments: The flow meter was out of service. The flow meter must be repaired or replaced.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
01/22/2019	02/11/2019	Sanitary Survey Follow-up	Minor	Source	1067004-003-WELL #4
Comments: The well casing and discharge pipe must be cleaned, inspected, repaired or replaced, and painted to prevent further deterioration of the metal.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
01/22/2019	02/11/2019	Sanitary Survey Follow-up	Minor	Source	1067004-003-WELL #4
Comments: Water was flowing from the air relief valve of the well when the well was running. The well and /or air relief valve must be repaired to prevent water from flowing out of the air relief valve.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/27/2018	07/31/2018	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: At the time of the inspection, it was noted the town of Bonita has a formal Cross Connection Control Program that had been being enforced and being inspected by qualified individuals, however the annual 2018 inspection reports for the customers with back flow devices were not noted in the files. Please produce the 2018 inspection reports for the customers of the system with back flow devices.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/27/2018	07/31/2018	Sanitary Survey, Finished	Significant	Other	Management
Comments: The check valve for the backwashing of the filter has failed and is allowing water drain back to the ground storage tank causing the tank to overflow. Repair or replace the check valve for the backwash process of the filter.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/27/2018	07/31/2018	Sanitary Survey, Finished	Significant	Other	EL001-ELEVATED
Comments: At the time of the inspection, it was noted the paint of the elevated storage tank was showing significant signs of exterior rust. Have the interior and exterior of the tank evaluated and painted by a qualified tank painter to protect the tank..					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/27/2018	07/31/2018	Sanitary Survey, Finished	Minor	Source	1067004-002-WELL #3
Comments: At the time of the inspection, the paint of the piping of the well and casing at well 3 were in poor repair. Scrape and repaint the piping of casing and the above ground piping in the well yard at well 3.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/27/2018	07/31/2018	Sanitary Survey, Finished	Minor	Source	1067004-003-WELL #4
Comments: At the time of the inspection, the paint of the piping of the well and casing at well 4 were in poor repair. Scrape and repaint the piping of casing and the above ground piping in the well yard at well 4.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/04/2015	09/14/2015	Sanitary Survey, Finished	Significant	Finished Water Storage	EL001-ELEVATED

Comments: At the time of inspection, the elevated tank was showing significant signs of exterior rust. The tank is to be painted to prevent further deterioration. 40 CFR 141.403 and TSS 7.0.17 - Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of the inspection, it was noted the solenoid for the butterfly valve located at the discharge for the filter backwash was not operational and causing the automated system to have to be operated manually (not as originally designed). Repair or replace the solenoid and butterfly valve to allow for the operation of the filter systems as designed.
FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of the inspection, there was a leak noted at the elevated storage tank located at the 4 inch drain line occurring after the gate valve at the threaded connection of the cap. The operator stated this has begun since this weekend and is worse today than it was yesterday. Have the tank evaluated by a tank painter and make appropriate repairs, cleanings and painting as needed.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

At the time of the inspection, it was noted there were no schematics or guides available to discern how pipe flow was constructed, or how processes function. Please make contact with the

engineering firm who designed this system and obtain drawings and manuals for the operation of the system.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
P O Box 6118
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1900926-001	Routine	2/7/2019		1.150	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
8003611	01/29/2019	FAILURE ADDRESS DEFICIENCY (GWR)	
8003612	01/29/2019	FAILURE ADDRESS DEFICIENCY (GWR)	
8003613	01/29/2019	FAILURE ADDRESS DEFICIENCY	

		(GWR)	
8003607	01/18/2019	FAILURE ADDRESS DEFICIENCY (GWR)	
8003610	05/03/2018	LEAD CONSUMER NOTICE (LCR)	01/01/2015 - 12/31/2017

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Laughlin, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Other

Attachment Comments: Newly occurred water leak at drain line of elevated storage tank.



Attachment #2

Severity: Significant

Category: Other

Attachment Comments: Solenoid not functioning at butterfly valve that operates the automatic backwash cycle of the filter system for the town.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7015 0640 0000 8770 5990 – Return Receipt Requested

February 11, 2019

Mayor Vergil Penn
Bonita Water System
PO Box 278
Bonita, LA 71223

Re: Class 2 Follow-Up Sanitary Survey Site Visit
BONITA Public Water System
PWS ID LA1067004
Morehouse Parish

Dear Mayor Penn:

The Department of Health and Hospitals would like to thank you and the site visit participants for the courtesy and assistance provided during the January 22, 2019 Follow-Up Sanitary Survey inspection of the public water supply Bonita Water System (system). These inspections are part of our program to ensure compliance with the EPA Code of Federal Regulations Title 40 Parts 141-142 and Title 51 of the Louisiana Administrative Code.

The site visit was performed to determine the status of the water system's water wells and consecutive connection. The water system currently has two wells and an emergency connection to Jones McGinty Water System. At the time of the site visit, only Well #4 (1067004-003) was in service.

This letter provides a summary of items noted in previous sanitary surveys in addition to during this follow-up sanitary survey. If significant deficiencies have been listed on the subsequent pages you are required to correct the deficiencies and provide written documentation of your corrective actions including the date(s) resolved. You may also request additional time beyond the 60 days in writing by providing a detailed plan of corrective action that includes proposed completion dates. Failure to respond to this letter in writing within 60 days of receipt may result in Enforcement Action.

Parties Present

Name	Organization
Rory Dobbs	LDH OPH Engineering Region 8
Tyler Lollis	LDH OPH Engineering Region 8
Vergil Penn	Village Of Bonita
James Smith	Village Of Bonita
Gabriel Winston	G & G Water Services LLC

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1900926-001	Routine	2/7/2019		1.150	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period

NOTICE OF DEFICIENCIES / NOTICE OF VIOLATIONS

Based upon review of the available records and visual examination of the facilities, the following deficiencies require your immediate attention.

Unresolved Observations – Deficiencies cited during previous site visits

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/27/2018	07/31/2018	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: At the time of the inspection, it was noted the town of Bonita has a formal Cross Connection Control Program that had been being enforced and being inspected by qualified individuals, however the annual 2018 inspection reports for the customers with back flow devices were not noted in the files. Please produce the 2018 inspection reports for the customers of the system with back flow devices.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/27/2018	07/31/2018	Sanitary Survey, Finished	Significant	Other	Management
Comments: At the time of the inspection, it was noted the paint of the elevated storage tank was showing significant signs of exterior rust. Have the interior and exterior of the tank evaluated and painted by a qualified tank painter to protect the tank..					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/27/2018	07/31/2018	Sanitary Survey, Finished	Significant	Other	Management
Comments: The check valve for the backwashing of the filter has failed and is allowing water drain					

back to the ground storage tank causing the tank to overflow. Repair or replace the check valve for the backwash process of the filter.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/04/2015	09/14/2015	Sanitary Survey, Finished	Significant	Finished Water Storage	EL001-ELEVATED
Comments: At the time of inspection, the elevated tank was showing significant signs of exterior rust. The tank is to be painted to prevent further deterioration. Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	Well 1067004-002 – Well No. 3 (Attachment 1) 1. The well was completed in 1980. 2. This well is currently out of service. The submersible pump was inoperable. The pump must be repaired or replaced to return the well to proper working order. 3. The well showed signs of aging and lack of preventative maintenance. The well casing and discharge pipe must be cleaned, inspected, repaired or replaced, and painted to prevent further deterioration of the metal. 4. The well screen was clogged with iron and manganese, according to the well driller's report. Well maintenance must be performed to return the screen to proper operating conditions. 5. A copy of the well driller's report is attached (Attachment 4). 1067004-003 – Well #4 (Attachment 2): 1. The well was completed in 1992. 2. The well pump must be replaced per the well driller's report. The well driller was unable to determine how long the current pump will last. 3. Water was flowing from the air relief valve of the well when the well was running. 4. The well wasting gate valve had a hairline crack on the top around the valve packing. 5. The well showed signs of aging and lack of preventative maintenance. The well casing and discharge pipe must be cleaned, inspected, repaired or replaced, and painted to prevent further deterioration of the metal.
FACILITY	CATEGORY	FINDINGS
1067004-002 - WELL #3	Source	The well is currently inoperable. While the water system does have an emergency connection to Jones McGinty, the system must repair or refurbish the well in order to provide water in the event Jones McGinty is unable to provide the quantity of water needed.

Minor Deficiencies

FACILITY	CATEGORY	FINDINGS
1067004-003 - WELL #4	Source	The flow meter was out of service. The flow meter must be repaired or replaced.

The deficiencies listed in the above table titled "NOTICE OF DEFICIENCIES / NOTICE OF VIOLATIONS" must be corrected and a written response submitted to the department within 60 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the DHH-OPH Enforcement Units. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided by the Public Water System to the Surveying Office within 60 days of receipt of this letter with details regarding your corrective actions and any time extensions you may propose or you will be cited with a Treatment Technique violation which requires you to notify your consumers of the violation incurred.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

CC001 – Consecutive Connection to Jones McGinty Water System (LA1067017) (Attachment 3):

1. The water system has an emergency connection to Jones McGinty Water System.
2. The connection appeared to be in working order and available for use.
3. The water system operator was provided a contact name and number for Jones McGinty Water System to make arrangements to utilize the emergency connection if needed.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

DHH/OPH Engineering Services
Northeast Region VIII
Attn: Tyler Lollis,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7210.

Respectfully,

Tyler Lollis

Tyler Lollis, E.I.
Region 8 – Monroe
LDH/OPH Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH/OPH Engineering Services

Attachment 1 – Well #3:



Attachment 2 – Well #4:



Attachment 3 – Emergency Connection to Jones McGinty:



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7014 1820 0002 2150 9554

November 13, 2019

Mr. Alex Williams, Regional Director
Lakeview Estates Subdivision WS
201 Holiday Boulevard, Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
Lakeview Estates Subdivision Public Water System
PWS ID LA1067007
Morehouse Parish

Dear Mr. Williams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 1, 2019 sanitary survey inspection of the public water supply system for Lakeview Estates Subdivision Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
William P Mckenney	Utilities Inc.

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing,

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/23/2013	09/09/2013	Sanitary Survey, Finished	Minor	System Management and Operation	Management
Comments: At the time of inspection, the system's supply consisted of a solitary well. The system is to make provision for a secondary source capable of suppling the system with the existing well out of service.					

Significant Deficiencies

Facility	Category	Findings
Management	Other	At the time of the inspection, it was noted the water system did not have a second source of water and only has one well. The water system needs a backup source of water, either a drill a second well, or connection to another public water system who can supply enough water to operate the system during an emergency.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
P O Box 6118
Monroe LA 71211-6118

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: None

Facility ID: HYDRO PNEUMATIC TANK

Category: Finished Water Storage

Attachment Comments: The hydro-pneumatic tank



Attachment #2

Severity: None

Facility ID: WELL #1

Category: Treatment

Attachment Comments: The Treatment Plant



Attachment #3

Severity: None

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Tap in pump house with hose bib vacuum breaker

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 0680 0001 2490 8631** – Return Receipt Requested

September 19, 2019

John D. McAdams, Mayor
Village of Mer Rouge
Post Office Box 238
Mer Rouge, LA 71261-0238

Re: Class I Sanitary Survey
Mer Rouge Water System
PWS ID LA1067009
Morehouse Parish

Dear Mayor McAdams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 17, 2019 sanitary survey inspection of the public water supply system for the Mer Rouge Water System (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tyler Lollis	LDH/OPH Engineering Services Region VIII
Dawson Blackard	Village of Mer Rouge

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	A threaded sample tap was present at the treatment building. The threaded sample tap presents the opportunity for a cross connection and potential contamination of the water supply during a backflow event. Remove or replace the threaded tap with a smooth nozzle tap.
FACILITY	CATEGORY	FINDINGS
1067009-002 - WELL #3 (NEW EAST)	Source	The well wasting discharge pipe appeared to have eroded away a large area of dirt adjacent to the well concrete pad. The hole must be filled in or the concrete pad must be extended to properly drain and facilitate the rapid removal of water within a 50' radius of the well to prevent a potential source of contamination. (See Attachment No. 1)

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP002 - WELL #3 EAST & #4 WEST	Treatment	At the time of inspection, none of the chemical tanks were provided with secondary containment. Liquid chemical storage tanks must have an overflow and receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge. A common receiving basin may be provided for each group of compatible chemicals, such that it provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank. The chlorine bottles were not fitted with automatic switch-over. Automatic switch-over of chlorine cylinders must be provided to assure continuous disinfection.
FACILITY	CATEGORY	FINDINGS
1067009-002 - WELL #3 (NEW EAST)	Source	The paint on the casing of Well #3 (East) had some areas of flaking and corrosion. Please clean and re-paint the well casing. The pressure gauge on the discharge piping appeared to be broken at the time of inspection. Please replace the pressure gauge.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to

this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP002 - WELL #3 EAST & #4 WEST	Treatment	None of the chemical feeds had equipment to measure feed rates of the pumped liquid. Equipment utilized to readily measure feed rates in the pumped liquid shall be designed to handle the liquid being measured and shall be provided. Provide a calibration tube or mass flow monitor to allow direct physical checking of actual feed rates.
EL001 & EL002	Finished Water Storage	Develop and implement a written inspection program for the storage tanks. For steel tanks, AWWA M42 recommends the interval for periodic inspections of the tank interior should be three to five years. It is advisable to wash out the tank at the time of inspection. Additionally, this office recommends evaluating the exterior condition of Elevated Storage Tank EL002 (South) and potentially having it cleaned and repainted.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Tyler Lollis,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1903448-002	Routine	6/10/2019		1.570	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7210.

Respectfully,

Tyler Lollis

Tyler Lollis, E.I.
Region 8 – Monroe
LDH/OPH Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH/OPH Engineering Services
File

Attachments



Attachment No. 1 – Well 3 Discharge Pipe Erosion

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2497 7873 – Return Receipt Requested

April 15, 2019

Ricky Waters
Morehouse Central Water System
P.O. Box 196
Collinston, LA 71229

Re: Class I Sanitary Survey
Morehouse Central Water System
PWS ID LA1067010
Morehouse Parish

Dear Mr. Waters:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 1, 2019 sanitary survey inspection of the public water supply system for Morehouse Central Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH-OPH Engineering District 4
Dawson Blackard	Village Of Mer Rouge
Rogers Loche	Morehouse Central Water System
Ricky Waters	Morehouse Central Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of inspection, the system had adopted a cross connection control plan but was not enforcing the requirement for annual testing of backflow assemblies. Testing of backflow devices must be done annually. Please send backflow testing reports for this year to this office.
FACILITY	CATEGORY	FINDINGS
1067010-001 - WELL #1 (SMALL WELL)	Source	At the time of inspection, Well #1 had an unsealed electrical box that could potentially introduce contaminants into the well casing. Please seal up any openings on the electrical box. See attachment 1.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, the water system was missing all of its Disinfection By-Product results except for the results from 2017. Chemical test results reports from LDH shall be kept on file and retained for not less than ten (10) years. Please send in Disinfection By-Product results from 2016 and 2018 to this office.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, the water system had no means of verifying the accuracy of chlorine residual readings. Please acquire a verification kit and verify the chlorine meter readings according to the manufacturer's recommended procedure and frequency.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, water system personnel were not recording their additional chlorine residual monitoring site (ACR), this site is indicated on your monitoring plan and one chlorine residual is required at this site each month. Please send the next three month of chlorine residual forms to this office.
FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of inspection, the well slab for well #3 had excess vegetation and was showing signs of soil erosion. Please remove the excess vegetation and fill in any eroded areas to prevent the possibility of contamination into the well casing, See attachment 2.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATS WELL 1 & 2	Treatment	At the time of inspection, the chlorine feeder for Wells #1 and #2 did not have a vent line. Where chlorine gas is used, the room shall be constructed to provide the following: vents from feeders and storage shall discharge to the outside atmosphere, above grade.
FACILITY	CATEGORY	FINDINGS
1067010-002 - WELL #2 (BIG WELL)	Source	At the time of inspection, the pressure gauge on Well #2 was not operational. The wells discharge piping must be equipped with a working pressure gauge.
FACILITY	CATEGORY	FINDINGS
1067010-003 -	Source	At the time of inspection, one of the pipe supports for Well #3 showed

WELL #3 (DOWNLAND RD)		signs of instability. Please fix the support to ensure that the well discharge piping is properly supported. See attachment 3.
FACILITY	CATEGORY	FINDINGS
1067010-002 - WELL #2 (BIG WELL)	Source	At the time of inspection, parts of Well #2 were covered in a black substance, possibly mildew. Please have the well cleaned to prevent any possible contamination.
FACILITY	CATEGORY	FINDINGS
1067010-003 - WELL #3 (DOWNLAND RD)	Source	At the time of inspection, parts of Well #3 were covered in a black substance, possibly mildew. Please have the well cleaned to prevent any possible contamination. See attachment 3.
FACILITY	CATEGORY	FINDINGS
1067010-002 - WELL #2 (BIG WELL)	Source	At the time of inspection, the air relief valve on Well #2 was damaged. Please replace with a 24 mesh corrosion resistant screen.
FACILITY	CATEGORY	FINDINGS
1067010-003 - WELL #3 (DOWNLAND RD)	Source	At the time of inspection, the well vent from Well #3 was not downturned and did not terminate 24 inches above the floor. Please provide a 24 mesh screen and ensure that the vent terminates downward 24 inches above the floor.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
8003128	12/04/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	11/01/2018 - 11/30/2018
8003127	08/03/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2018 - 07/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7246.

Respectfully,

Rory Dobbs

Rory Dobbs,
Region VIII Engineer
LDH/OPH Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments:



Attachment 1: Un-sealed electrical box on Well #1.



Attachment 2: Well #3 soil erosion.



Attachment 3: Well #3 bent discharge piping support and dirty piping.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana
Department of Health

CERTIFIED MAIL: **7014 1820 0002 2150 9509**

June 4, 2019

Mr. Ronald Williamson, President
WATERWORKS 1 of MOREHOUSE, INC
P. O. Box 1524
Bastrop, LA 71221

Re: Class I Sanitary Survey
WATERWORKS 1 of MOREHOUSE, INC Public Water System
PWS ID LA1067011
MOREHOUSE Parish

Dear Mr. Williamson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 22, 2019 sanitary survey inspection of the public water supply system for WATERWORKS 1 of MOREHOUSE, INC (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
Patty Aulds	Waterworks No.1 Of Morehouse, Inc
Christopher Jones	Waterworks No.1 Of Morehouse, Inc
Jody Musgrove	Waterworks No.1 Of Morehouse, Inc

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of the inspection it was noted the fence surrounding the well 3 site had damage from a tree falling on the fence. Repair the damage to the fence at the well 3 site. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the inspection, it was noted the system had adopted a formal cross connection control program, but has not begun enforcing it. Enforce the cross connection control program and have the system surveyed by a qualified individual to identify potential threats to the system. Maintain a log of the identified customers and the types of back flow devices they have and that they have been tested by a qualified tester as prescribed by the system's cross connection control program.
FACILITY	CATEGORY	FINDINGS
TP001 - WELL #1 & #4	Treatment	At the time of the inspection, it was noted that the chlorine feed is not equipped with automatic switch-over for water produced for wells 1 & 4. Provide automatic switch-over for treatment plant that chlorinates wells 1 & 4. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
TP002 - WELL #2	Treatment	At the time of the inspection, it was noted that the chlorine feed is not equipped with automatic switch-over for water produced for wells 2. Provide automatic switch-over for treatment plant that chlorinates wells 2. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
TP004 - WELL #3	Treatment	At the time of the inspection, it was noted that the chlorine feed is not equipped with automatic switch-over for water produced for wells 4. Provide automatic switch-over for treatment plant that chlorinates wells 4. **See Attachment #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was noted that the system did not have the equipment necessary to validate the colorimeter for the system. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired. The equipment necessary to validate the colorimeter for the system. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit

		for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired.
FACILITY	CATEGORY	FINDINGS
1067011-004 - WELL #4	Source	Screen was in poor repair on vent at well 4. Replace screen at vent of well 4.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

At the time of the inspection, it was noted the conduit connecting the power supply to well 4 had slipped from the electrical boxes. To protect workers the conduit should be reconnected to the electrical boxes.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
8000928	04/03/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	03/01/2019 - 03/31/2019

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,



Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: WELL #1 & #4

Category: Treatment

Attachment Comments: No automatic switch-over at chlorine building serving wells 1 & 4.



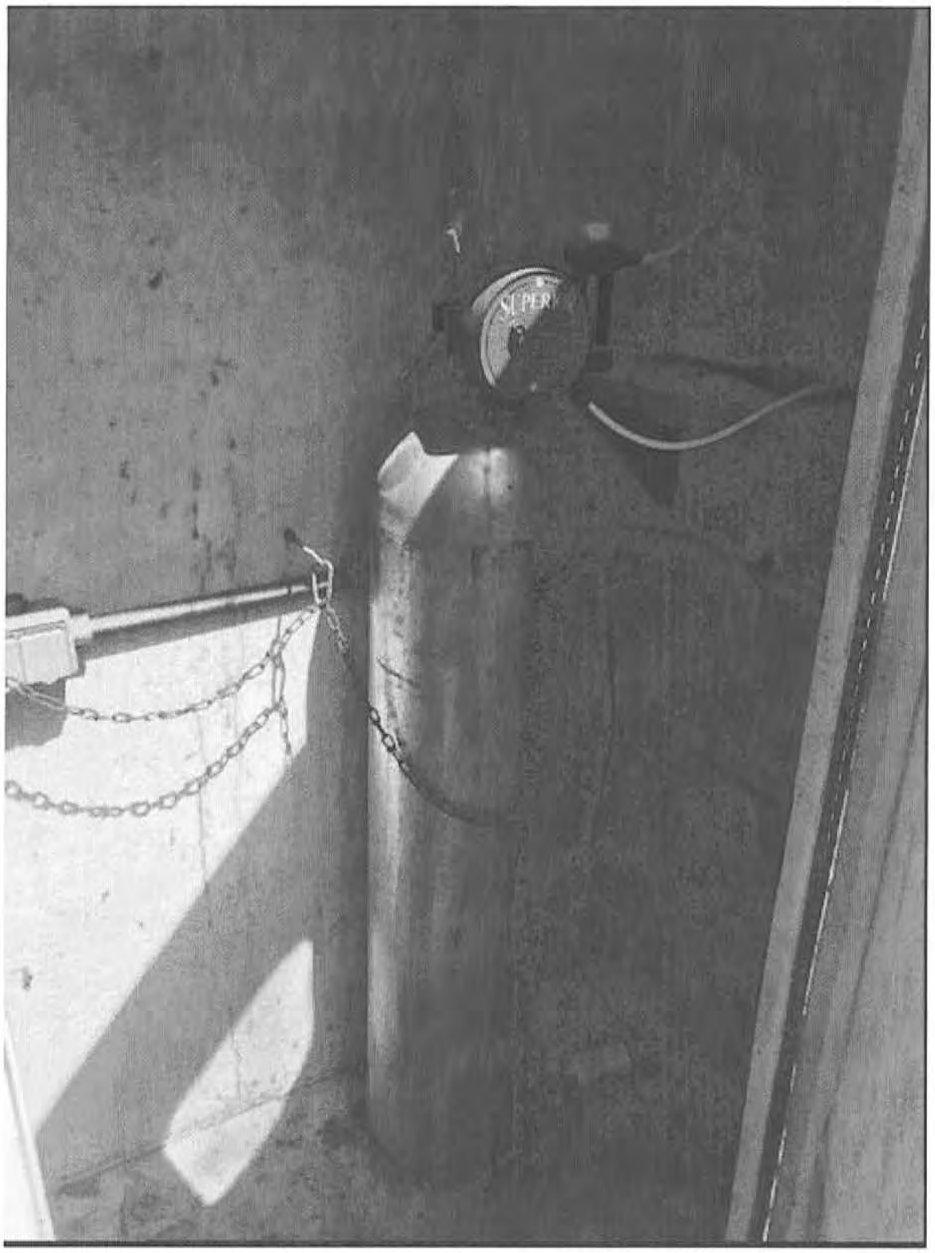
Attachment #2

Severity: Significant

Facility ID: WELL #3

Category: Treatment

Attachment Comments: No automatic switch-over at chlorine building serviing well 3.



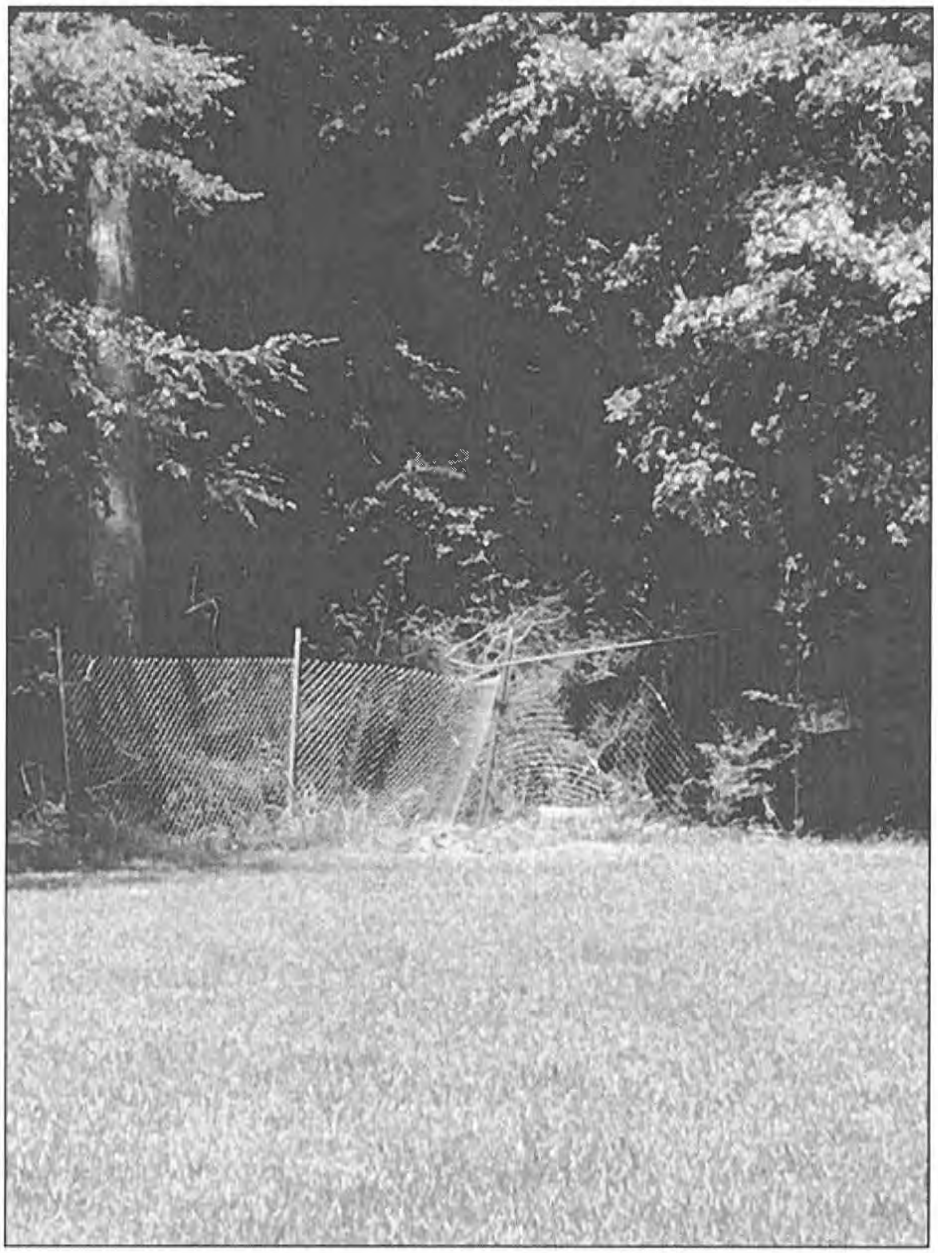
Attachment #3

Severity: Significant

Facility ID: WELL #2

Category: Treatment

Attachment Comments: No automatic switch-over at chlorine building serving well 2.



Attachment #4

Severity: Significant

Category: Other

Attachment Comments: Damage to the fencing at the well 3 yard.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 0680 0001 2488 9107** – Return Receipt Requested

May 23, 2019

Derrell Bray
Consolidated Waterworks District No. 2
7125 Pine Grove Loop
Bastrop, LA 71220

Re: Class I Sanitary Survey
Consolidated Waterworks District No. 2 Public Water System
PWS ID LA1067012
Morehouse Parish

Dear Mr. Bray:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 17, 2019 sanitary survey inspection of the public water supply system for Consolidated Waterworks District No. 2 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tyler Lollis	LDH/OPH Engineering Services Region 8
Danny Courson	Consolidated Waterworks District No. 2
Rhonda Little	Consolidated Waterworks District No. 2

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	During review of the water system records, it was discovered that the water system had adopted but was not enforcing its Cross Connection Control Program (CCCP). An up-to-date customer listing must be compiled showing the critical customers within the distribution system. All commercial customers should be assessed for proper backflow prevention devices. It is the responsibility of the water system to ensure all customers, residential and commercial, with auxiliary water, such as ponds, pools, fountains, animal watering troughs, etc., are properly filling these vessels using an air gap or an approved backflow prevention device. Customers must be given notification of their obligations as part of the water systems working CCCP. All correspondence and required annual testing must be kept on file by the water system for review during sanitary surveys and inspections by LDH. Please provide a written statement to the Region 8 Office to include actions that will be taken by the water system to adopt and enforce the CCCP as a requirement, create an up-to-date list of critical customers, and document current annual test reports for all customers required to maintain backflow preventers. Please feel free to contact this office for assistance with this item. There are also resources for these programs available on the LDH website at http://ldh.la.gov/index.cfm/page/549/n/281 under "Backflow Prevention."

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was noted that the system did not have the equipment necessary to validate their colorimeter. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water	The elevated tank overflow terminated high above the ground near the water reservoir and it was unclear if the overflow was screened

	Storage	due to the height. The overflow must be brought down to an elevated between 12 and 24 inches above ground surface, discharge over a drainage structure or splash pad, and be screened by a 4 mesh, corrosion resistant screen.
FACILITY	CATEGORY	FINDINGS
EL002 - ELEVATED	Finished Water Storage	The elevated tank overflow terminated high above the ground near the water reservoir and it was unclear if the overflow was screened due to the height. The overflow must be brought down to an elevated between 12 and 24 inches above ground surface, discharge over a drainage structure or splash pad, and be screened by a 4 mesh, corrosion resistant screen.
FACILITY	CATEGORY	FINDINGS
TP001 - WELL #4	Treatment	The light in the chlorine building was broken at the time of inspection. Replace the light or fix the wiring to the light in the chlorine building. The chlorine cylinders were not provided with automatic switchover. Automatic switch-over of chlorine cylinders should be provided, where necessary, to assure continuous disinfection. Install automatic switchover for the chlorine gas cylinders. The chlorine vent line was not screened. Please place a screen on the chlorine vent line.
FACILITY	CATEGORY	FINDINGS
TP002 - WELL #2 & WELL #3	Treatment	The chlorine cylinders were not provided with automatic switchover. Automatic switch-over of chlorine cylinders should be provided, where necessary, to assure continuous disinfection. Install automatic switchover for the chlorine gas cylinders.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - WELL #4	Treatment	There were no weighing scales provided for the chlorine gas cylinders. Weighing scales must be provided for weighing cylinders at all plants utilizing chlorine gas. Please provide weighing scales for the chlorine gas cylinders.
FACILITY	CATEGORY	FINDINGS
TP002 - WELL #2 & WELL #3	Treatment	There were no weighing scales provided for the chlorine gas cylinders. Weighing scales must be provided for weighing cylinders at all plants utilizing chlorine gas. Please provide weighing scales for the chlorine gas cylinders.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Tyler Lollis,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7210.

Respectfully,

Tyler Lollis

Tyler Lollis, E.I.
Region 8 – Monroe
LDH/OPH Engineering Services

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering Services
File

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 0680 0001 2497 7866 – Return Receipt Requested**

April 15, 2019

Malcom Williams
Oak Ridge Water System
P.O. Box 58
Oak Ridge, LA 71264

Re: Class I Sanitary Survey
Oak Ridge Water System
PWS ID LA1067014
Morehouse Parish

Dear Mr. Williams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 1, 2019 sanitary survey inspection of the public water supply system for Oak Ridge Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH-OPH Engineering Region VIII
Dawson Blackard	Village Of Mer Rouge
Malcom Williams	Oak Ridge Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1067014-002 - WELL #3 (NEW WELL)	Source	At the time of inspection, the casing on Well #3 showed significant signs of corrosion. Please clean and paint the casing to prevent any pathway for contamination.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, the system was using a pocket colorimeter for their calibrations on their in-line chlorine analyzer. They had no way of validating the accuracy of the colorimeter. Please acquire a set of standards for validation.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	At the time of inspection, the overflow pipe from the Ground Storage Tank terminated too close to the splash plate. All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate.
FACILITY	CATEGORY	FINDINGS
TP003 - WELL 3	Treatment	At the time of inspection, the chlorine building for Well #3 did not have a working fan. Where chlorine gas is used, the room shall be constructed to provide the following: each room shall have a ventilating fan with capacity which provides one complete air change per minute when the room is occupied.
FACILITY	CATEGORY	FINDINGS
1067014-001 - WELL #2	Source	At the time of inspection, the casing and discharge piping on Well #2 was showing signs of rust and flaky paint. Please clean and repaint the well casing and discharge piping. See attachment 1.
FACILITY	CATEGORY	FINDINGS
1067014-001 - WELL #2	Source	At the time of inspection, Well #2 did not have a functioning pressure gauge. The wells discharge piping must be equipped with a working pressure gauge.
FACILITY	CATEGORY	FINDINGS
1067014-002 - WELL #3 (NEW WELL)	Source	At the time of inspection, Well #3 did not have a functioning pressure gauge. The wells discharge piping must be equipped with a working pressure gauge.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to

this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of inspection, the area directly under the Elevated Storage Tank was completely overgrown. Please remove the excess vegetation from beneath the Elevated Tank and maintain to prevent future growth.
FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of inspection, the slab for well #3 was covered in vegetation. Please remove the excess vegetation from the well slab and maintain to prevent future growth. See attachment 2.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7246.

Respectfully,

Rory Dobbs

Rory Dobbs,
Region VIII Engineer
LDH/OPH Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments:



Attachment 1: Well #2 rust and flaky paint.



Attachment 2: Well #3 overgrowth.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7014 1820 0002 2150 9523

September 6, 2019

Ms. Kathy Wilson, President
South Bonne Idee Water System
P O Box 224
Oak Ridge, LA 71264

Re: Class I Sanitary Survey
South Bonne Idee Water System Public Water System
PWS ID LA1067020
Morehouse Parish

Dear Ms. Wilson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 5, 2019 sanitary survey inspection of the public water supply system for South Bonne Idee Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
Bill Tharpe	South Bayou Bonne Idee WS
Kathy Wilson	South Bonne Idee WS

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of the inspection, it was noted the A/C unit in the pump house was not functioning and cannot keep the electrical equipment cool Replace the A/C unit at the pump house site to protect the electrical equipment and pumps. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The water system does not have backup generator power to run the water system in the event of a power outage. Install a generator sufficient to operate the water system in the event of an electrical outage.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the inspection, it was noted the South Bonne Idee Water System had adopted a formal cross connection control program, however the program had not yet been implemented. Enforce the cross connection control plan for the system.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	A working lock is needed for the hatch of the ground storage tank and a lockable plate to prevent the use of the ladder is needed to prevent unauthorized access to the ground storage tank. **See Attachment #3**

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
P O Box 6118
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1 Facility ID: HYDROPNEUMATIC **Category:** Finished Water Storage

Attachment Comments: Hydro pneumatic tank has mold and algae growth on exterior, but appears to be okay.



Attachment #2 Severity: Significant **Category:** Other

Attachment Comments: Air conditioning unit in the pump house is not functioning and exposing the electrical and pump equipment to excessive levels of heat.



Attachment #3 Severity: Significant **Facility ID:** GROUND **Category:** Finished Water Storage

Attachment Comments: The overflow discaharge pipe at the ground storage tank was correctly screened.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 0680 0001 2488 9343** – Return Receipt Requested

July 11, 2019

Corey Cooper
Spicewood Mobile Home Park Water System
108 Morgan Road
West Monroe, LA 71291

Re: Class I Sanitary Survey
Spicewood Mobile Home Park Water System Public Water System
PWS ID LA1067022
Morehouse Parish

Dear Mr. Cooper:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 2, 2019 sanitary survey inspection of the public water supply system for Spicewood Mobile Home Park Water System (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tyler Lollis	LDH/OPH Engineering Services Region VIII
Stephanie Edwards	Spicewood MHP Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	During inspection of the well sites, the electrical controls appeared to not meet the requirements of the National Electric Code and may pose a safety risk to personnel. A properly qualified electrician should review/rework the electrical controls to ensure all wiring meets relevant state and local codes and all potential safety concerns are removed. (See Attachments No. 1 & 2)
FACILITY	CATEGORY	FINDINGS
1067022-002 - WEST WELL	Source	The West Well sanitary seal appeared to be in poor condition, potentially due to corrosion from sodium hypochlorite over time. The well seal should be evaluated for replacement before a pathway for contamination develops. (See Attachment No. 2) The well was not equipped with a means of measuring flow. Install a flow meter or other means of measuring flow on the well discharge piping.
FACILITY	CATEGORY	FINDINGS
1067022-001 - EAST WELL	Source	The well was not equipped with a means of measuring flow. Install a flow meter or other means of measuring flow on the well discharge piping.
FACILITY	CATEGORY	FINDINGS
TP001 - TP WELLS 1 & 2	Treatment	The feed rate and dose for sodium hypochlorite was unknown/not determined at the time of inspection. It is unknown if the product is being used in compliance with its NSF maximum use level. For sodium hypochlorite chemical feed systems, calibration tubes or mass flow monitors which allow for direct physical checking of actual feed rates must be fitted. Install a calibration tube or mass flow monitor within the sodium hypochlorite feed system. The sodium hypochlorite day tank near the well was not vented to the outside of the building. Sodium hypochlorite storage containers or tanks shall be located out of the sunlight in a cool area and shall be vented to the outside of the building when enclosed.
FACILITY	CATEGORY	FINDINGS
BL001 - DIAPHRAGM TANK NO. 1 & 2	Finished Water Storage	At the time of inspection, the pressure tanks in the well house appeared to have some exterior corrosion due to splattering when handling sodium hypochlorite nearby. Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. The tanks should be cleaned and painted to prevent future structural integrity issues. (See Attachments No. 3 & 4)

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - TP WELLS 1 & 2	Treatment	Due to corrosion on the pressure tanks in the well housing, it is recommended that the sodium hypochlorite day tank be stored in a separate enclosure to prevent splattering and spills on nearby equipment. Sodium hypochlorite must be stored out of the sunlight in a cool area and be vented to the outside of a building when enclosed. The feed equipment should be located near points of application to minimize length of feed lines.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Tyler Lollis,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1805101-001	Routine	9/4/2018		1.260	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7210.

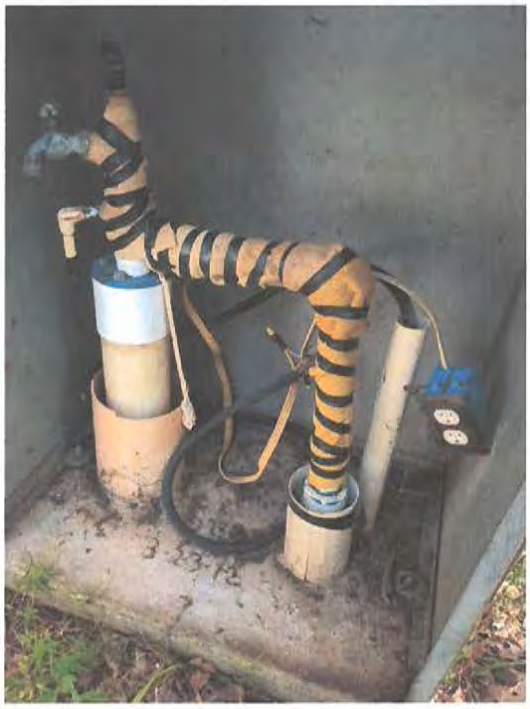
Respectfully,

Tyler Lollis

Tyler Lollis, E.I.
Region 8 – Monroe
LDH/OPH Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH/OPH Engineering Services
File

Attachments



Attachment No. 1 – East Well



Attachment No. 2 – West Well

Attachments (cont.)



Attachment No. 3 – Pressure Tank Corrosion



Attachment No. 4 – Pressure Tank Corrosion

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 1830 0001 0572 2874

January 25, 2019

Mayor Mozella Bell
Campti Water System
P.O. Box 216
Campti, LA 71411

Re: Class 2 Follow-Up Sanitary Survey Site Visit
Campti Water System
PWS ID LA1069001
Natchitoches Parish

Dear Mayor Bell:

The Department of Health and Hospitals would like to thank you and the site visit participants for the courtesy and assistance provided during the January 25, 2019 Follow-Up Sanitary Survey inspection for CAMPTI WATER SYSTEM. These inspections are part of our program to ensure compliance with the EPA Code of Federal Regulations Title 40 Parts 141-142 and Title 51 of the Louisiana Administrative Code.
This letter provides a summary of items noted in previous sanitary surveys in addition to during this follow-up sanitary survey. If significant deficiencies have been listed on the subsequent pages you are required to correct the deficiencies and provide written documentation of your corrective actions including the date(s) resolved. You may also request additional time beyond the 60 days in writing by providing a detailed plan of corrective action that includes proposed completion dates. Failure to respond to this letter in writing within 60 days of receipt may result in Enforcement Action.

Parties Present

Name	Organization
Zahira Tieso	LDH-OPH District IV Engineering
Mayor Mozella Bell	Town of Campti

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period

NOTICE OF DEFICIENCIES / NOTICE OF VIOLATIONS

Based upon review of the available records and visual examination of the facilities, the following deficiencies require your immediate attention.

Unresolved Observations – Deficiencies cited during previous site visits

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/09/2018	05/11/2018	Sanitary Survey, Finished	Minor	Source	1069001-004-WELL #4, HWY 9 CONLEY
Comments: The discharge piping on Well #4 needs to be cleaned and painted.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/09/2018	05/11/2018	Sanitary Survey, Finished	Minor	Source	1069001-006-WELL #6
Comments: The discharge piping on Well #6 needs to be cleaned and painted.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1069001-005 - WELL #5, CLOUD CROSSING	Source	Well #5 is not being used and the power has been removed, but it has not been properly plugged and abandoned. The well must be plugged in accordance with the Louisiana Water Well Rules, Regulations, and Standards.

Minor Deficiencies

No observations were recorded in this category.

The deficiencies listed in the above table titled "NOTICE OF DEFICIENCIES / NOTICE OF VIOLATIONS" must be corrected and a written response submitted to the department within 60 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional

time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the DHH-OPH Enforcement Units. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided by the Public Water System to the Surveying Office within 60 days of receipt of this letter with details regarding your corrective actions and any time extensions you may propose or you will be cited with a Treatment Technique violation which requires you to notify your consumers of the violation incurred.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

DHH/OPH Engineering Services – Northwest Region VII
Attn: Zahira Tieso, P.E.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact James Soileau at 318-676-5422 or James.Soileau2@la.gov

Respectfully,

Zahira Tieso, P.E.
Engineer Manager
LDH/OPH Engineering Services
Northwest Region VII

cc: Amanda Laughlin, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7019 1120 0002 2110 7660**

August 22, 2019

Ernest Self
CRESTON WATER SYSTEM
P.O. Box 484
Campti, LA 71411-0484

Re: Class I Sanitary Survey
CRESTON WATER SYSTEM Public Water System
PWS ID LA1069003
NATCHITOCHES Parish

Dear Mr. Self:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 1, 2019 sanitary survey inspection of the public water supply system for CRESTON WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Floyd Smith	LDH District 4 Engineering
Wendie Harper	Creston Water System
Clemet Pardee	Creston Water System
James Soileau III	LDH/OPH Region 7

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/08/2016	08/16/2016	Sanitary Survey, Finished	Minor	Source	1069003-005-WELL #5, HIGHWAY 9 (NEW)
Comments: Upper well casing needs to be cleaned and repainted					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	40 CFR 141.403 and LAC 51:XII.315.D - All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked. The security fence surrounding the water system facilities is not tall enough to prevent unauthorized access. Furthermore, there are large breaks in sections of the fence near the ground. The water system facilities must be located inside of a continuous, climb-resistant fence that is at least six feet in height. Please submit labeled photographic documentation of completed modifications. Also, chemical storage needs to be inside a secure, fenced area (School well).
FACILITY	CATEGORY	FINDINGS
1069003-003 - WELL #3, SCHOOL	Source	There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. The electrical box where wiring enters well has holes which need to be sealed.
FACILITY	CATEGORY	FINDINGS
1069003-004 - WELL #4, HIGHWAY 9	Source	There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. The wiring entering the casing seal creates a void. The current casing seal has void spaces that provide for the possible entrance of foreign substances that could lead to bacteriological contamination. Eliminate the voids in the casing seal to prevent bacteriological contamination.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GST #1	Finished Water Storage	40 CFR 141.403 and TSS 7.0.7.b - The overflow for a ground- level storage reservoir shall open downward and be screened with twenty-four mesh non-corrodible screen. The screen shall be installed within

		the overflow pipe at a location least susceptible to damage by vandalism. If a flapper valve is used, a screen shall be provided inside the valve. The overflow pipe is not screened. The overflow pipe must be screened with 4 mesh non-corrodible screen.
FACILITY	CATEGORY	FINDINGS
GR002 - GST #2	Finished Water Storage	40 CFR 141.403 and TSS 7.0.7.b - The overflow for a ground- level storage reservoir shall open downward and be screened with twenty-four mesh non-corrodible screen. The screen shall be installed within the overflow pipe at a location least susceptible to damage by vandalism. If a flapper valve is used, a screen shall be provided inside the valve. The overflow pipe is not screened. The overflow pipe must be screened with 4 mesh non-corrodible screen.
FACILITY	CATEGORY	FINDINGS
1069003-001 - WELL #1, MASTERS WELL	Source	40 CFR 141.403 and TSS 3.2.7.3.a.4 - The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained. Phosphate should be added after check valve.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Floyd Smith, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
7007521	05/08/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	04/01/2019 - 04/30/2019
7007519	04/03/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	03/01/2019 - 03/31/2019

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7481.

Respectfully,



Floyd Smith, R.S.
District Compliance Officer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7012 1010 0000 1528 0242

May 21, 2019

John Bynog
HAGEWOOD WATER SYSTEM
P.O. Box 793
Natchitoches, LA 71458-0793

Re: Class I Sanitary Survey
HAGEWOOD WATER SYSTEM Public Water System
PWS ID LA1069005
NATCHITOCHES Parish

Dear Mr. Bynog:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 7, 2019 sanitary survey inspection of the public water supply system for HAGEWOOD WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Floyd Smith	LDH District 4 Engineering
Leslie L. Dunn	Natchitoches Parish Ww Dist 2

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Floyd Smith, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7481.

Respectfully,

Floyd Smith, R.S.
District Compliance Officer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7012 1010 0000 1528 0020**

May 13, 2019

E.C. Roge
NATCHITOCHES PARISH WWKS DISTRICT 2
1665 Highway 119
Natchez, LA 71456

Re: Class I Sanitary Survey
NATCHITOCHES PARISH WWKS DISTRICT 2 Public Water System
PWS ID LA1069006
NATCHITOCHES Parish

Dear Mr. Roge:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 29, 2019 sanitary survey inspection of the public water supply system for NATCHITOCHES PARISH WWKS DISTRICT 2 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Floyd Smith	LDH District 4 Engineering
Leslie L. Dunn	Natchitoches Parish WW District 2
Kelly Herrick	LDH OPH Engineering Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods. There is no customer list with backflow devices being managed by the water system. A customer listing should be compiled showing customers and applicable devices. All commercial customers should be assessed for proper backflow prevention devices. The water system should have a procedure for addressing existing customers that do not currently have the required protection device

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GST #2, HWY 620	Finished Water Storage	All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. The overflow for the elevated storage tank does not discharge over a splash plate or drainage inlet structure. The discharge must discharge over a splash plate or drainage inlet structure to prevent erosion around the foundation of the tower that could comprise the structural integrity of the tower.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Floyd Smith, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7481.

Respectfully,

Floyd Smith, R.S.
District Compliance Officer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Louisiana Department of Health, Office of Public Health
Engineering Services – Safe Drinking Water Program
RTCR Level 2 Assessment Form Rev. 3/2017

I. General Information

PWS Name: NATCHITOCHES WATER SYSTEM		PWS ID#:1069007
Contact Name: BRONNIE ODOM		Phone #:318-357-3880
PWS Address: P.O. Box 37, Natchitoches, LA		E-mail: waterplant@natchitochesla.gov
Name of Lead Assessor: Autumn Permenter		Date Completed: May 29, 2019
Level 2 Trigger Date:	*E. coli* Positive: YES ☐ NO X	If yes, which sample(s) from Section II?
	2nd Level 1: YES X NO ☐	Date of 1st Level 1: May 29, 2018

Note - This form must be completed and submitted within 30 days of the date that the public water system triggered the Level 2 Assessment. Contact the district office for any questions regarding this form.

II. Positive Sample Information (Use page 6 to report additional positive monthly samples)

Positive Sample #1:	Sample POC#:TCR -057	Sample POC Name: 5860 Hwy 1 Bypass	
Sample Date: 5/20/2019	Name of Sample Collector : Paul Gibbs		
Chlorine Residual:	Free X Total ☐	Not Measured ☐	2.90 mg/L
Was the sample collected according to the sample siting plan?			YES X NO ☐
Was the condition of the sample tap appropriate for collection?			YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES X NO ☐

Positive Sample #2:	Sample POC#:TCR-057	Sample POC Name: 5860 Hwy 1 Bypass	
Sample Date: 5/22/2019	Name of Sample Collector: Paul Gibbs		
Chlorine Residual:	Free X Total ☐	Not Measured ☐	2.75 mg/L
Was the sample collected according to the sample siting plan?			YES X NO ☐
Was the condition of the sample tap appropriate for collection?			YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES X NO ☐

Positive Sample #3:	Sample POC#:	Sample POC Name:	
Sample Date:	Name of Sample Collector:		
Chlorine Residual:	Free ☐	Total ☐ Not Measured ☐	mg/L
Was the sample collected according to the sample siting plan?			YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?			YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES ☐ NO ☐

Positive Sample #4:	Sample POC#:	Sample POC Name:	
Sample Date:	Name of Sample Collector:		
Chlorine Residual:	Free ☐	Total ☐ Not Measured ☐	mg/L
Was the sample collected according to the sample siting plan?			YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?			YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES ☐ NO ☐

III. Assessment Questions

A. Source – Well

**If PWS does not use a well source check here and skip to subsection B* [X]

Which well sources were not used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Was a new source activated?				
2. Is the ground graded to prevent surface water flow towards the well?				
3. Does the well casing extend at least 18" above the ground?				
4. Is the exposed portion of the well casing in good condition?				
5. Does the well have a secured sanitary seal well cap?				
6. Is the sanitary seal well cap vented and screened?				
7. Is there a down turned well vent that is at least 24 inches above the ground surface?				
8. Are appropriate backflow prevention devices installed, maintained and tested on all cross connections?				
9. Does raw water quality data indicate changes to the source water quality?				
10. Has source yield changed?				
11. Are there obvious sources of contamination in the vicinity of the well?				
12. Was the well pump recently repaired or replaced?				
13. Are there signs of vandalism at the well?				
14. Have there been any unusual weather events that may have impacted the well?				
15. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the well?				

Assessor Name: Autumn Permenter

B. Source – Surface Water

**If PWS does not use a surface water source check here and skip to subsection C* ☐

Which surface water sources were used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Is the surface water intake screened and maintained?		X		
2. Is the pump house protected from unauthorized personnel?	X			
3. Does raw water quality data indicate changes to the source water quality?		X		
4. Are there obvious sources of contamination within the nearby watershed?	X			
5. Are there signs of vandalism at the surface water intake?		X		
6. Have severe weather events such as heavy rainfall, rapid snowmelt, drought, or reservoir turnover occurred?		X		
7. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the source?		X		

Assessor Name: Autumn Permenter

C. Treatment Processes

Questions:	YES	NO	N/A	Unk.
1. Have there been interruptions in any treatment processes?		X		
2. Has the treatment plant(s) or finished water pump(s) experienced any power interruptions?		X		
3. Has there been any recent installation or repair of treatment equipment?		X		
4. Have there been changes to any treatment processes?		X		
5. Does water quality data indicate inadequate/inappropriate treatment of water?		X		
6. Are all treatment processes operational and maintained?	X			
7. Is there an air gap between treatment instrumentation and waste lines?			X	
8. Were there any failures to meet required CT values?		X		
9. Did treatment plant flow rates exceed the permitted capacity?		X		
10. Is the PWS meeting all permit special conditions (alternative treatment technologies)?		X		
11. Did a review of the turbidity data reveal any anomalies?		X		
12. Did a review of chlorine residual data reveal any anomalies or deficiencies?		X		

Assessor Name: Autumn Permenter

D. Distribution System

Questions:	YES	NO	N/A	Unk.
1. Have line breaks and repairs, or large firefighting events occurred?		X		
2. If samples were collected from inside a building, has there been any recent plumbing work conducted at the site?			X	
3. If samples were collected from inside a building, does the site have additional water treatment installed?			X	
4. Is there evidence that the system experienced low or negative pressure?		X		
5. Was there any scheduled flushing of the distribution system?		X		
6. Are pump stations protected from unauthorized personnel?	X			
7. Are appropriate backflow prevention devices installed, maintained, and tested on all cross connections?	X			
8. Are air relief valves maintained and operational without leaks?	X			
9. Are pump stations maintained and equipment operational?	X			
10. Are fire hydrants and blow offs maintained and operational without leaks?	X			
11. Does water quality data collected in the distribution system show results indicative of an issue?		X		
12. Have any water related customer complaints been received?		X		
13. Is there any evidence of intentional contamination in the distribution system?		X		

Assessor Name: Autumn Permenter

E. Storage Tanks

**If no storage tank check here and skip to section IV.* ☐

Questions:	YES	NO	N/A	Unk.
1. Is the pressure tank maintaining an appropriate minimum pressure?			X	
2. Are all vents and overflow pipes screened?		X		
3. Is the tank maintained and free of rust, holes and leaks?		X		
4. Are there any unsealed openings in the storage facility such as access doors, vents or joints?		X		
5. Are signs of vandalism visible?		X		
6. Are roof hatches and manhole openings tightly covered and locked?		X		
7. Do downspouts and overflow pipes drain water away from structure?	X			
8. Have all storage tanks been inspected and cleaned within the last 5 years?	X			

Assessor Name: Autumn Permenter

IV. Water Quality Data Table

Parameter	Number of Each Sample Type Collected		
	Raw	Entry Point	Distribution
Chlorine Residual (mg/L)	0		2.71
Turbidity (NTU)			N/A
Coliform Bacteria	N/A	N/A	N/A
Other (specify below)			

*Free chlorine 0..58

V. Issue Descriptions and Corrective Actions (Use page 7 to report additional issues)

** No issues were found during the assessment:* ☐

Issue Description (list section letter and #)	Corrective Action
The sample tap (TCR-057) was looked near a dead end and was very low to the ground surface.	moved Sample Tap to New Location. 5811 Hwy 1 Bypass Natchitoches, La. 71457

New upstream location - 5771 Hwy 1 Bypass

New downstream location - 5811 Hwy 1 Bypass

Issue Description (list section letter and #)	Corrective Action
Issue Description (list section letter and #)	**Corrective Action**
Assessor Name and Signature: **Autumn Permenter**	

VI. Water System Certification

I certify under penalty of law that I am the person authorized to fill out this form, and the information contained herein is true, accurate and complete to the best of my knowledge and belief.

Name (print): **Autumn Permenter**

Title: **District Engineer**

Name Signature:

Date: **May 30, 2019**

Phone and Email:

(318) 676-7477 **Autumn.Permenter@la.gov**

Note - This form must be completed and submitted within 30 days of the date that the public water system triggered the Level 2 Assessment.

Louisiana Department of Health, Office of Public Health
Engineering Services – Safe Drinking Water Program
RTCR Level 2 Assessment Form

Rev. 3/2017

I. General Information

PWS Name: NATCHITOCHES WATER SYSTEM		PWS ID#:1069007
Contact Name: BRONNIE ODOM		Phone #:318-357-3880
PWS Address: P.O. Box 37, Natchitoches, LA		E-mail: waterplant@natchitochesla.gov
Name of Lead Assessor: Autumn Permenter		Date Completed: July 25, 2019
Level 2 Trigger Date:	*E. coli* Positive: YES ☐ NO X	If yes, which sample(s) from Section II?
	2nd Level 1: YES X NO ☐	Date of 1st Level 1: May 30, 2019

Note - This form must be completed and submitted within 30 days of the date that the public water system triggered the Level 2 Assessment. Contact the district office for any questions regarding this form.

II. Positive Sample Information (Use page 6 to report additional positive monthly samples)

Positive Sample #1:	Sample POC#:TCR -017	Sample POC Name: 700 MLK
Sample Date: 7/8/2019	Name of Sample Collector : Paul Gibbs	
Chlorine Residual: Free X Total ☐ Not Measured ☐		3.0 mg/L
Was the sample collected according to the sample siting plan?		YES X NO ☐
Was the condition of the sample tap appropriate for collection?		YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES X NO ☐

Positive Sample #2:	Sample POC#:TCR-038	Sample POC Name: Keyser Ave @ Raising Canes
Sample Date: 7/22/2019	Name of Sample Collector: Paul Gibbs	
Chlorine Residual: Free X Total ☐ Not Measured ☐		3.75 mg/L
Was the sample collected according to the sample siting plan?		YES X NO ☐
Was the condition of the sample tap appropriate for collection?		YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES X NO ☐

Positive Sample #3:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #4:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

III. Assessment Questions

A. Source – Well

**If PWS does not use a well source check here and skip to subsection B* [X]

Which well sources were not used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Was a new source activated?				
2. Is the ground graded to prevent surface water flow towards the well?				
3. Does the well casing extend at least 18" above the ground?				
4. Is the exposed portion of the well casing in good condition?				
5. Does the well have a secured sanitary seal well cap?				
6. Is the sanitary seal well cap vented and screened?				
7. Is there a down turned well vent that is at least 24 inches above the ground surface?				
8. Are appropriate backflow prevention devices installed, maintained and tested on all cross connections?				
9. Does raw water quality data indicate changes to the source water quality?				
10. Has source yield changed?				
11. Are there obvious sources of contamination in the vicinity of the well?				
12. Was the well pump recently repaired or replaced?				
13. Are there signs of vandalism at the well?				
14. Have there been any unusual weather events that may have impacted the well?				
15. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the well?				

Assessor Name: Autumn Permenter

B. Source – Surface Water

**If PWS does not use a surface water source check here and skip to subsection C* ☐

Which surface water sources were used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Is the surface water intake screened and maintained?		X		
2. Is the pump house protected from unauthorized personnel?	X			
3. Does raw water quality data indicate changes to the source water quality?		X		
4. Are there obvious sources of contamination within the nearby watershed?	X			
5. Are there signs of vandalism at the surface water intake?		X		
6. Have severe weather events such as heavy rainfall, rapid snowmelt, drought, or reservoir turnover occurred?		X		
7. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the source?		X		

Assessor Name: Autumn Permenter

C. Treatment Processes

Questions:	YES	NO	N/A	Unk.
1. Have there been interruptions in any treatment processes?		X		
2. Has the treatment plant(s) or finished water pump(s) experienced any power interruptions?		X		
3. Has there been any recent installation or repair of treatment equipment?		X		
4. Have there been changes to any treatment processes?		X		
5. Does water quality data indicate inadequate/inappropriate treatment of water?		X		
6. Are all treatment processes operational and maintained?	X			
7. Is there an air gap between treatment instrumentation and waste lines?			X	
8. Were there any failures to meet required CT values?		X		
9. Did treatment plant flow rates exceed the permitted capacity?		X		
10. Is the PWS meeting all permit special conditions (alternative treatment technologies)?		X		
11. Did a review of the turbidity data reveal any anomalies?		X		
12. Did a review of chlorine residual data reveal any anomalies or deficiencies?		X		

Assessor Name: Autumn Permenter

D. Distribution System

Questions:	YES	NO	N/A	Unk.
1. Have line breaks and repairs, or large firefighting events occurred?		X		
2. If samples were collected from inside a building, has there been any recent plumbing work conducted at the site?			X	
3. If samples were collected from inside a building, does the site have additional water treatment installed?			X	
4. Is there evidence that the system experienced low or negative pressure?		X		
5. Was there any scheduled flushing of the distribution system?		X		
6. Are pump stations protected from unauthorized personnel?	X			
7. Are appropriate backflow prevention devices installed, maintained, and tested on all cross connections?	X			
8. Are air relief valves maintained and operational without leaks?	X			
9. Are pump stations maintained and equipment operational?	X			
10. Are fire hydrants and blow offs maintained and operational without leaks?	X			
11. Does water quality data collected in the distribution system show results indicative of an issue?		X		
12. Have any water related customer complaints been received?		X		
13. Is there any evidence of intentional contamination in the distribution system?		X		

Assessor Name: Autumn Permenter

E. Storage Tanks

*If no storage tank check here and skip to section IV. ☐

Questions:	YES	NO	N/A	Unk.
1. Is the pressure tank maintaining an appropriate minimum pressure?			X	
2. Are all vents and overflow pipes screened?		X		
3. Is the tank maintained and free of rust, holes and leaks?		X		
4. Are there any unsealed openings in the storage facility such as access doors, vents or joints?		X		
5. Are signs of vandalism visible?		X		
6. Are roof hatches and manhole openings tightly covered and locked?		X		
7. Do downspouts and overflow pipes drain water away from structure?	X			
8. Have all storage tanks been inspected and cleaned within the last 5 years?	X			

Assessor Name: Autumn Permenter

IV. Water Quality Data Table

Parameter	Number of Each Sample Type Collected		
	Raw	Entry Point	Distribution
Chlorine Residual (mg/L)	0		1.6 , 3.2
Turbidity (NTU)			N/A
Coliform Bacteria	N/A	N/A	N/A
Other (specify below)			

*Free chlorine 0..58

V. Issue Descriptions and Corrective Actions (Use page 7 to report additional issues)

* No issues were found during the assessment: ☐

Issue Description (list section letter and #)	Corrective Action
The sample tap (TCR-017) at 700 MLK had spider webs and there has been a lot of construction work in the area.	

Issue Description (list section letter and #)	Corrective Action
Issue Description (list section letter and #)	**Corrective Action**
Assessor Name and Signature: **Autumn Permenter**	

VI. Water System Certification

I certify under penalty of law that I am the person authorized to fill out this form, and the information contained herein is true, accurate and complete to the best of my knowledge and belief.

Name (print): **Autumn Permenter**

Title: **District Engineer**

Name Signature:

Date: **July 26, 2019**

Phone and Email:

(318) 676-7477 **Autumn.Permenter@la.gov**

Note - This form must be completed and submitted within 30 days of the date that the public water system triggered the Level 2 Assessment.

Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: POWHATAN			PWS ID#: 1069008
Contact Name: JOHNNIE TAYLOR			Phone #: 318-352-4371
PWS Address: PO BOX 126 POWHATAN LA 71066			E-mail:
Name of Lead Assessor: Danny Mortimer			Date Completed: 1/30/2019
Level 2 Trigger	*E. coli* Positive: YES ☐NO X	If yes, which sample(s) from Section II?	
	2nd Level 1: YES X NO ☐	Date of 1st Level 1:	

II. Positive Sample Information (Use page 7 to report additional positive monthly samples)

Positive Sample #1:	Sample POC#:S1900093-001	Sample POC Name: TCR-006	
Sample Date: 1/22/2019	Name of Sample Collector: Floyd Smith		
Chlorine Residual:	Free X Total ☐	Not Measured ☐	0.0 mg/L
Was the sample collected according to the sample siting plan?			YES X NO ☐
Was the condition of the sample tap appropriate for collection?			YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES X NO ☐

Positive Sample #2:	Sample POC#:S190	Sample POC Name: RPUP	
Sample Date: 1/24/2019	Name of Sample Collector: Floyd Smith		
Chlorine Residual:	Free X Total ☐	Not Measured ☐	0.0mg/L
Was the sample collected according to the sample siting plan?			YES X NO ☐
Was the condition of the sample tap appropriate for collection?			YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES X NO ☐

Positive Sample #3:	Sample POC#S1900535-002	Sample POC Name: TCR-006	
Sample Date: 1/24/2019	Name of Sample Collector: Floyd Smith		
Chlorine Residual:	Free X Total ☐	Not Measured ☐	0.0 mg/L
Was the sample collected according to the sample siting plan?			YES X NO ☐
Was the condition of the sample tap appropriate for collection?			YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES X NO ☐

Positive Sample #4:	Sample POC#:S1900535-003	Sample POC Name: RPDN	
Sample Date: 1/24/2019	Name of Sample Collector: Floyd Smith		
Chlorine Residual:	Free X Total ☐	Not Measured ☐	0.0 mg/L
Was the sample collected according to the sample siting plan?			YES X NO ☐
Was the condition of the sample tap appropriate for collection?			YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES X NO ☐

III. Assessment Questions

A. Source – Well

**If PWS does not use a well source check here and skip to subsection B* ☐

Which well sources were not used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Was a new source activated?		X		
2. Is the ground graded to prevent surface water flow towards the well?	X			
3. Does the well casing extend at least 18" above the ground?	X			
4. Is the exposed portion of the well casing in good condition?		X		
5. Does the well have a secured sanitary seal well cap?	X			
6. Is the sanitary seal well cap vented and screened?	X			
7. Is there a down turned well vent that is at least 24 inches above the ground surface?	X			
8. Are appropriate backflow prevention devices installed, maintained and tested on all cross connections?	X			
9. Does raw water quality data indicate changes to the source water quality?				X
10. Has source yield changed?				X
11. Are there obvious sources of contamination in the vicinity of the well?		X		
12. Was the well pump recently repaired or replaced?		X		
13. Are there signs of vandalism at the well?		X		
14. Have there been any unusual weather events that may have impacted the well?		X		
15. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the well?		X		

Assessor Name: DANNY MORTIMER

B. Source – Surface Water

**If PWS does not use a surface water source check here and skip to subsection C* X

Which surface water sources were used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Is the surface water intake screened and maintained?				
2. Is the pump house protected from unauthorized personnel?				
3. Does raw water quality data indicate changes to the source water quality?				
4. Are there obvious sources of contamination within the nearby watershed?				
5. Are there signs of vandalism at the surface water intake?				
6. Have severe weather events such as heavy rainfall, rapid snowmelt, drought, or reservoir turnover occurred?				
7. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the source?				

Assessor Name: DANNY MORTIMER

C. Treatment Processes

Questions:	YES	NO	N/A	Unk.
1. Have there been interruptions in any treatment processes?	X			
2. Has the treatment plant(s) or finished water pump(s) experienced any power interruptions?		X		
3. Has there been any recent installation or repair of treatment equipment?	X			
4. Have there been changes to any treatment processes?		X		
5. Does water quality data indicate inadequate/inappropriate treatment of water?				X
6. Are all treatment processes operational and maintained?		X		
7. Is there an air gap between treatment instrumentation and waste lines?			X	
8. Were there any failures to meet required CT values?		X		
9. Did treatment plant flow rates exceed the permitted capacity?		X		
10. Is the PWS meeting all permit special conditions (alternative treatment technologies)?				X
11. Did a review of the turbidity data reveal any anomalies?			X	
12. Did a review of chlorine residual data reveal any anomalies or deficiencies?	X			

Assessor Name: DANNY MORTIMER

D. Distribution System

Questions:	YES	NO	N/A	Unk.
1. Have line breaks and repairs, or large firefighting events occurred?		X		
2. If samples were collected from inside a building, has there been any recent plumbing work conducted at the site?			X	
3. If samples were collected from inside a building, does the site have additional water treatment installed?			X	
4. Is there evidence that the system experienced low or negative pressure?		X		
5. Was there any scheduled flushing of the distribution system?		X		
6. Are pump stations protected from unauthorized personnel?	X			
7. Are appropriate backflow prevention devices installed, maintained, and tested on all cross connections?	X			
8. Are air relief valves maintained and operational without leaks?	X			
9. Are pump stations maintained and equipment operational?			X	
10. Are fire hydrants and blow offs maintained and operational without leaks?	X			
11. Does water quality data collected in the distribution system show results indicative of an issue?				X
12. Have any water related customer complaints been received?		X		
13. Is there any evidence of intentional contamination in the distribution system?		X		

Assessor Name: DANNY MORTIMER

E. Storage Tanks

**If no storage tank check here and skip to section IV.* ☐

Questions:	YES	NO	N/A	Unk.
1. Is the pressure tank maintaining an appropriate minimum pressure?				X
2. Are all vents and overflow pipes screened?	X			
3. Is the tank maintained and free of rust, holes and leaks?	X			
4. Are there any unsealed openings in the storage facility such as access doors, vents or joints?		X		
5. Are signs of vandalism visible?		X		
6. Are roof hatches and manhole openings tightly covered and locked?				X
7. Do downspouts and overflow pipes drain water away from structure?	X			
8. Have all storage tanks been inspected and cleaned within the last 5 years?		X		
9. **Were there any repair activities associated with the storage tanks?**		X		

Assessor Name: DANNY MORTIMER

F. Water Quality Data Table

Parameter	Number of Each Sample Type Collected		
	Raw ()	Entry Point ()	Distribution ()
Chlorine Residual (mg/L)		0	0
Turbidity (NTU)			
Coliform Bacteria			
Other (specify below)			

G. Issue Descriptions and Corrective Actions **(Use page 8 to report additional issues)**

** No issues were found during the assessment:* ☐

Issue Description (list section letter and #)	Corrective Action
The system has been experiencing a loss of service and low pressure which may contribute to TC+ sample results.	

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

H. Verification

I hereby certify that the information contained herein is true and correct to the best of my knowledge, information and belief.

Lead Assessor's Name (print): DANNY MORTIMER , DISTRICT 4 SANITARIAN

Lead Assessor's Name Signature: **Date: 1/30/2019**

Note - The completed form must be completed within 30 days of a public water system triggering a Level 2 Assessment.

Positive Sample #5:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #6:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #7:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #8:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #9:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: **7018 1830 0000 9275 1970**

June 11, 2019

Mayor Johnnie Taylor
Powhatan Water System
P. O. Box 126
Powhatan, LA 71066

Re: Class 2 Follow-Up Sanitary Survey Site Visit
Powhatan Water System
PWS ID LA1069008
Natchitoches Parish

Dear Mayor Taylor:

The Department of Health and Hospitals would like to thank you and the site visit participants for the courtesy and assistance provided during the May 29, 2019 Follow-Up Sanitary Survey inspection of the public water supply POWHATAN WATER SYSTEM. These inspections are part of our program to ensure compliance with the EPA Code of Federal Regulations Title 40 Parts 141-142 and Title 51 of the Louisiana Administrative Code.

This letter provides a summary of items noted in previous sanitary surveys in addition to during this follow-up sanitary survey. If significant deficiencies have been listed on the subsequent pages you are required to correct the deficiencies and provide written documentation of your corrective actions including the date(s) resolved. You may also request additional time beyond the 60 days in writing by providing a detailed plan of corrective action that includes proposed completion dates. Failure to respond to this letter in writing within 60 days of receipt may result in Enforcement Action.

Parties Present

Name	**Organization**
Hannah Beatty	LDH OPH Engineering Services
Autumn Permenter	LDH OPH Engineering Services
Floyd Smith	LDH OPH Engineering Services

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1903312-	Repeat	5/16/2019		1.520	

003					
S1903229-001	Routine	5/14/2019		0.500	
S1902023-002	Repeat	3/27/2019		0.070	
S1902023-004	Repeat	3/27/2019		0.120	
S1902023-005	Repeat	3/27/2019		0.110	
S1901723-001	Routine	3/26/2019		0.090	
S1900535-001	Repeat	1/24/2019		0.000	0.000
S1900535-002	Repeat	1/24/2019		0.000	0.000
S1900535-003	Repeat	1/24/2019		0.000	0.000
S1900093-001	Routine	1/22/2019		0.000	0.000
S1806004-001	Repeat	10/17/2018		0.000	0.000
S1806004-002	Repeat	10/17/2018		0.000	0.000
S1806004-003	Repeat	10/17/2018		0.000	0.000
S1805954-001	Routine	10/15/2018		0.000	0.000
S1803936-001	Repeat	7/11/2018		0.000	0.000
S1803936-002	Repeat	7/11/2018		0.000	0.000
S1803936-003	Repeat	7/11/2018		0.000	0.000
S1803800-001	Routine	7/9/2018		0.000	0.000

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
7008260	02/20/2019	E. COLI	

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period

NOTICE OF DEFICIENCIES / NOTICE OF VIOLATIONS

Based upon review of the available records and visual examination of the facilities, the following deficiencies require your immediate attention.

Unresolved Observations – Deficiencies cited during previous site visits

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/22/2019	05/22/2019	Level 2 Assessment RTCR	Minor	Treatment	Management
Comments:					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Significant	Finished Water Storage	GR001-GROUND STORAGE TANK
Comments: During the inspection, the screen on the inside of the overflow piping was dislodged which could allow the entrance of small insects into the storage tank. The screen should be secured to the walls of the overflow pipe.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Significant	Other	Management
Comments: The 3 wells are located in the back of a field. The inspection was done after a period of heavy rain, which made this field extremely muddy. When the field is muddy, the wells are inaccessible by vehicle and very difficult to reach by foot. All-weather access roads must be provided for all well yards, and as such an all-weather access road shall be provided for the 3 wells so that they may be accessed during times of heavy rainfall.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Significant	Other	Management
Comments: Critical water system component is in poor condition or defective and indicative of failure or imminent failure. Component failure is expected to critically impact the quality and/or quantity of produced water. The electrical box on well # 1 was severely corroded. Holes could begin to form on it soon which could allow moisture into the electrical box and cause it to fail. The electrical box shall be repainted to provide cathodic protection on it.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Significant	Security	Management

Comments: All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked. At the time of the inspection, several facilities were unlocked. All facilities related to the water system shall be kept locked at all times.

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Significant	System Management and Operation	Management

Comments: At the time of the inspection, Ms. Jackson did not know how to turn on the generator. This could pose as a serious problem in an emergency situation where standby power must be applied immediately. Ms. Jackson must get proper instruction on how to operate the generator.

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Significant	Source	1069008-001-WELL #1, NEAREST WELL

Comments: At the time of the inspection, the well casing had slits on both sides of the well. It appears the the casing has split apart down the middle, creating fairly large holes. These holes shall be sealed to prevent a pathway for contamination into the well.

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Minor	Finished Water Storage	EL001-ELEVATED STORAGE TANK

Comments: The elevated tank was leaking a steady stream of water out of the bottom of the reservoir. The leak shall be patched. All cisterns and storage tanks shall be of watertight construction and made of concrete, steel or other materials approved for this purpose by the state health officer.

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Minor	Source	1069008-001-WELL #1, NEAREST WELL

Comments: At the time of the inspection, there was no flow meter on the discharge piping. A flow meter should be added to the discharge piping. The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained.

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Minor	Source	1069008-004-WELL NO 4

Comments: There was no screen on the air release valve. A screen shall be added to the air release valve. The discharge piping shall where applicable, be equipped with an air release-vacuum relief valve located upstream from the check valve, with exhaust/relief piping terminating in a down-turned position at least 18 inches above the floor and covered with a 24 mesh corrosion resistant screen.

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/23/2018	03/30/2017	Level 2 Assessment RTCR	Significant	Source	1069008-002-WELL #2

Comments: There is a significant crack on the well slab. The concrete slab must be repaired to prevent the introduction of contamination into the well casing. As of site visit on 12/27/18- At the time of the inspection, the well casing was extremely eroded. The portion between the top of the casing and the sample tap was in such a degraded state that a piece of concrete was loose. After further inspection, the piece could be removed and one could see directly inside of the well casing once removed. There was also a hole at the bottom of the casing which looked to be an old screw hole. There were also holes in the back of the electrical box. The well casing was showing signs of heavy corrosion as well. All of these could provide pathways for contamination into the well and shall be corrected.

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/27/2018	09/27/2018	Sanitary Survey Follow-up	Significant	Finished Water Storage	EL001-ELEVATED STORAGE TANK

Comments: Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures. There was a constant stream of water coming out of the bottom of the elevated storage tank. The leak must be repaired and the storage tank should be brought back to a watertight state. As of the site visit on 12/27/18: There was no screen on the overflow piping for the elevated tank. This could provide the entrance of small animals and insects into the finished water storage. A screen shall be added to the elevated tank.

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/27/2017	03/30/2017	Formal Enforcement	Significant	Source	1069008-002-WELL #2

Comments: There is a significant crack on the well slab. The concrete slab must be repaired to prevent the introduction of contamination into the well casing. As of site visit on 12/27/18- At the time of the inspection, the well casing was extremely eroded. The portion between the top of the casing and the sample tap was in such a degraded state that a piece of concrete was loose. After further inspection, the piece could be removed and one could see directly inside of the well casing once removed. There was also a hole at the bottom of the casing which looked to be an old screw hole. There were also holes in the back of the electrical box. The well casing was showing signs of heavy corrosion as well. All of these could provide pathways for contamination into the well and shall be corrected.

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/27/2017	03/30/2017	Formal Enforcement	Minor	Finished Water Storage	GR001-GROUND STORAGE TANK

Comments: The pressure gage was leaking. The leak must be repaired.

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/27/2017	03/30/2017	Formal Enforcement	Minor	Source	1069008-002-WELL #2

Comments: The well casing shows signs of corrosion. The casing must be cleaned and painted.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Operator Compliance with State Requirements	LAC 51:XII.309.A - All public water supplies shall be under the supervision and control of a duly certified operator as per requirements of the State Operator Certification Act, Act 538 of 1972, as amended. The water system was not under the supervision and control of a duly certified operator due to the operator being out of town at the time of the site visit. The water system must ensure that when the designated operator is unavailable there is a backup operator certified with a Class 1 or higher Water Production and Water Distribution certificate.
FACILITY	CATEGORY	FINDINGS
Management	Other	All potable water systems shall be designed, constructed and maintained so as to prevent leakage of water due to defective materials, improper jointing, corrosion, settling, impacts, freezing, or other causes. Valves and blow-offs shall be provided so that necessary repairs can be made with a minimum interruption of service. At the time of the site visit, a major leak had caused a water outage. The water outage occurred off and on for 4 days. Water main breaks must be fixed as quickly as possible to avoid water outages and possible contamination of the water system. A standard operating procedure for repairing water mains and reducing leaks in the system must be submitted to this office.

Minor Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Operator Compliance with State Requirements	LAC 48:V.21.7303.B - The Operator of any public water system or any community sewerage system shall hold current and valid professional certification(s) of the required category(s) at or above the level required for the total system and individual facility. Additionally, an operator shall demonstrate that, when not actually on site at the facility, he is capable of responding to that location within one hour of being notified that his presence is needed. A site visit was performed in response to a water outage complaint. Ms. Eddie Jackson was contacted that LDH staff would be arriving to perform an onsite inspection. Ms. Jackson was unavailable and was leaving town at that time. The water system did not have a backup operator to meet LDH staff. The water system's certified operators must demonstrate that she or he is capable of responding to the water system location within one hour of being notified that her/his presence is needed. The water system must provide a standard operating procedure of how this requirement will be achieved.

The deficiencies listed in the above table titled "NOTICE OF DEFICIENCIES / NOTICE OF VIOLATIONS" must be corrected and a written response submitted to the department within 60 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the DHH-OPH Enforcement Units. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided by the Public Water System to the Surveying Office within 60 days of receipt of this letter with details regarding your corrective actions and any time extensions you may propose or you will be cited with a Treatment Technique violation which requires you to notify your consumers of the violation incurred.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

DHH/OPH Engineering Services – Northwest Region VII
Attn: Autumn Permenter, P.E.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7470.

Respectfully,

Autumn Permenter, P.E.
District Engineer – District IV
LDH/OPH - Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 1830 0000 9275 0553- Return Receipt Requested

March 29, 2019

Johnnie Taylor
POWHATAN WATER SYSTEM
P. O. Box 126
Powhatan, LA 71066

Re: Class 2 Follow-Up Sanitary Survey Site Visit
POWHATAN WATER SYSTEM Public Water System
PWS ID LA1069008
NATCHITOCHES Parish

Dear Mrs. Taylor:

The Department of Health and Hospitals would like to thank you and the site visit participants for the courtesy and assistance provided during the March 26, 2019 Follow-Up Sanitary Survey inspection of the public water supply POWHATAN WATER SYSTEM. These inspections are part of our program to ensure compliance with the EPA Code of Federal Regulations Title 40 Parts 141-142 and Title 51 of the Louisiana Administrative Code.
This letter provides a summary of items noted in previous sanitary surveys in addition to during this follow-up sanitary survey. If significant deficiencies have been listed on the subsequent pages you are required to correct the deficiencies and provide written documentation of your corrective actions including the date(s) resolved. You may also request additional time beyond the 60 days in writing by providing a detailed plan of corrective action that includes proposed completion dates. Failure to respond to this letter in writing within 60 days of receipt may result in Enforcement Action.

Parties Present

Name	Organization
James Soileau III	LDH-OPH Region 7
Eddie Jackson	Village Of Powhatan

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1900535-	Repeat	1/24/2019		0.000	0.000

001					
S1900535-002	Repeat	1/24/2019		0.000	0.000
S1900535-003	Repeat	1/24/2019		0.000	0.000
S1900093-001	Routine	1/22/2019		0.000	0.000
S1806004-001	Repeat	10/17/2018		0.000	0.000
S1806004-002	Repeat	10/17/2018		0.000	0.000
S1806004-003	Repeat	10/17/2018		0.000	0.000
S1805954-001	Routine	10/15/2018		0.000	0.000
S1803936-001	Repeat	7/11/2018		0.000	0.000
S1803936-002	Repeat	7/11/2018		0.000	0.000
S1803936-003	Repeat	7/11/2018		0.000	0.000
S1803800-001	Routine	7/9/2018		0.000	0.000
S1801924-003	Repeat	4/4/2018		0.000	0.000
S1801924-004	Repeat	4/4/2018		0.000	0.000
S1801780-001	Routine	4/2/2018		0.080	0.000

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
7008260	02/20/2019	E. COLI	

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period

NOTICE OF DEFICIENCIES / NOTICE OF VIOLATIONS

Based upon review of the available records and visual examination of the facilities, the following deficiencies require your immediate attention.

Unresolved Observations – Deficiencies cited during previous site visits

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Significant	Finished Water Storage	GR001-GROUND STORAGE TANK

Comments: During the inspection, the screen on the inside of the overflow piping was dislodged which could allow the entrance of small insects into the storage tank. The screen should be secured to the walls of the overflow pipe.

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Significant	Other	Management

Comments: The 3 wells are located in the back of a field. The inspection was done after a period of heavy rain, which made this field extremely muddy. When the field is muddy, the wells are inaccessible by vehicle and very difficult to reach by foot. All-weather access roads must be provided for all well yards, and as such an all-weather access road shall be provided for the 3 wells so that they may be accessed during times of heavy rainfall.

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Significant	Other	Management

Comments: Critical water system component is in poor condition or defective and indicative of failure or imminent failure. Component failure is expected to critically impact the quality and/or quantity of produced water. The electrical box on well # 1 was severely corroded. Holes could begin to form on it soon which could allow moisture into the electrical box and cause it to fail. The electrical box shall be repainted to provide cathodic protection on it.

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Significant	Security	Management

Comments: All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked. At the time of the inspection, several facilities were unlocked. All facilities related to the water system shall be kept locked at all times.

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Significant	System Management and Operation	Management

Comments: At the time of the inspection, Ms. Jackson did not know how to turn on the generator. This could pose as a serious problem in an emergency situation where standby power must be applied immediately. Ms. Jackson must get proper instruction on how to operate the generator.

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Significant	Source	1069008-001-WELL #1, NEAREST WELL

Comments: At the time of the inspection, the well casing had slits on both sides of the well. It appears the casing has split apart down the middle, creating fairly large holes. These holes shall be sealed to prevent a pathway for contamination into the well.

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey	Minor	Finished Water	EL001-ELEVATED STORAGE TANK

		Follow-up		Storage	

Comments: The elevated tank was leaking a steady stream of water out of the bottom of the reservoir. The leak shall be patched. All cisterns and storage tanks shall be of watertight construction and made of concrete, steel or other materials approved for this purpose by the state health officer.

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Minor	Source	1069008-001-WELL #1, NEAREST WELL

Comments: At the time of the inspection, there was no flow meter on the discharge piping. A flow meter should be added to the discharge piping. The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained.

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Minor	Source	1069008-004-WELL NO 4

Comments: There was no screen on the air release valve. A screen shall be added to the air release valve. The discharge piping shall where applicable, be equipped with an air release-vacuum relief valve located upstream from the check valve, with exhaust/relief piping terminating in a down-turned position at least 18 inches above the floor and covered with a 24 mesh corrosion resistant screen.

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/23/2018	03/30/2017	Level 2 Assessment rTCR	Significant	Source	1069008-002-WELL #2

Comments: There is a significant crack on the well slab. The concrete slab must be repaired to prevent the introduction of contamination into the well casing. As of site visit on 12/27/18- At the time of the inspection, the well casing was extremely eroded. The portion between the top of the casing and the sample tap was in such a degraded state that a piece of concrete was loose. After further inspection, the piece could be removed and one could see directly inside of the well casing once removed. There was also a hole at the bottom of the casing which looked to be an old screw hole. There were also holes in the back of the electrical box. The well casing was showing signs of heavy corrosion as well. All of these could provide pathways for contamination into the well and shall be corrected.

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/23/2018	10/29/2018	Level 2 Assessment rTCR	Minor	Treatment	Management

Comments:

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/27/2018	09/27/2018	Sanitary Survey Follow-up	Significant	Finished Water Storage	EL001-ELEVATED STORAGE TANK

Comments: Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures. There was a constant stream of water coming out of the bottom of the elevated storage tank. The leak must be repaired and the storage tank should be brought back to a watertight state. As of the site visit on 12/27/18: There was no screen on the overflow piping for the elevated tank. This could provide the entrance of small animals and insects into the finished water storage. A screen shall be added to the elevated tank.

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/27/2017	03/30/2017	Formal	Significant	Source	1069008-002-

		Enforcement			WELL #2
Comments: There is a significant crack on the well slab. The concrete slab must be repaired to prevent the introduction of contamination into the well casing. As of site visit on 12/27/18- At the time of the inspection, the well casing was extremely eroded. The portion between the top of the casing and the sample tap was in such a degraded state that a piece of concrete was loose. After further inspection, the piece could be removed and one could see directly inside of the well casing once removed. There was also a hole at the bottom of the casing which looked to be an old screw hole. There were also holes in the back of the electrical box. The well casing was showing signs of heavy corrosion as well. All of these could provide pathways for contamination into the well and shall be corrected.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/27/2017	03/30/2017	Formal Enforcement	Minor	Finished Water Storage	GR001-GROUND STORAGE TANK
Comments: The pressure gage was leaking. The leak must be repaired.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/27/2017	03/30/2017	Formal Enforcement	Minor	Source	1069008-002-WELL #2
Comments: The well casing shows signs of corrosion. The casing must be cleaned and painted.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of the inspection, the power to the wells # 2 and #3 was not working correctly. The power should be restored to the wells in order to provide an auxillary water source.

Minor Deficiencies

No observations were recorded in this category.

The deficiencies listed in the above table titled "NOTICE OF DEFICIENCIES / NOTICE OF VIOLATIONS" must be corrected and a written response submitted to the department within 60 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the DHH-OPH Enforcement Units. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided by the Public Water System to the Surveying Office within 60 days of receipt of this letter with details regarding your corrective actions and any time extensions you may propose or you will be cited with a Treatment Technique violation which requires you to notify your consumers of the violation incurred.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

DHH/OPH Engineering Services – Northwest Region VII
Attn: James Soileau III, E.I.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-5422.

Respectfully,

James Soileau

James Soileau III, E.I.
Region 7 Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: POWHATAN			PWS ID#: 1069008
Contact Name: JOHNNIE TAYLOR			Phone #: 318-352-4371
PWS Address: PO BOX 126 POWHATAN LA 71066			E-mail:
Name of Lead Assessor: Danny Mortimer			Date Completed: 4/4/2019
Level 2 Trigger	*E. coli* Positive: YES ☐NO X	If yes, which sample(s) from Section II?	
	2nd Level 1: YES X NO ☐	Date of 1st Level 1:	

II. Positive Sample Information (Use page 7 to report additional positive monthly samples)

Positive Sample #1:	Sample POC#:S1901723-001	Sample POC Name: TCR-004
Sample Date: 3/26/2019	Name of Sample Collector: Paul Gibbs	
Chlorine Residual: Free X Total ☐ Not Measured ☐		0.09 mg/L
Was the sample collected according to the sample siting plan?		YES X NO ☐
Was the condition of the sample tap appropriate for collection?		YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES X NO ☐

Positive Sample #2:	Sample POC#:S1902023-002	Sample POC Name: RPDN
Sample Date: 3/27/2019	Name of Sample Collector: Paul Gibbs	
Chlorine Residual: Free X Total ☐ Not Measured ☐		0.07mg/L
Was the sample collected according to the sample siting plan?		YES X NO ☐
Was the condition of the sample tap appropriate for collection?		YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES X NO ☐

Positive Sample #3:	Sample POC#S1902023-003	Sample POC Name: RPUP
Sample Date: 1/24/2019	Name of Sample Collector: Paul Gibbs	
Chlorine Residual: Free X Total ☐ Not Measured ☐		0.12mg/L
Was the sample collected according to the sample siting plan?		YES X NO ☐
Was the condition of the sample tap appropriate for collection?		YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES X NO ☐

Positive Sample #4:	Sample POC#:S1902023-004	Sample POC Name TCR-004
Sample Date: 3/27/2019	Name of Sample Collector: Paul Gibbs	
Chlorine Residual: Free X Total ☐ Not Measured ☐		0.11 mg/L
Was the sample collected according to the sample siting plan?		YES X NO ☐
Was the condition of the sample tap appropriate for collection?		YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES X NO ☐

III. Assessment Questions

A. Source – Well

**If PWS does not use a well source check here and skip to subsection B* ☐

Which well sources were not used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Was a new source activated?		X		
2. Is the ground graded to prevent surface water flow towards the well?	X			
3. Does the well casing extend at least 18" above the ground?	X			
4. Is the exposed portion of the well casing in good condition?		X		
5. Does the well have a secured sanitary seal well cap?	X			
6. Is the sanitary seal well cap vented and screened?	X			
7. Is there a down turned well vent that is at least 24 inches above the ground surface?	X			
8. Are appropriate backflow prevention devices installed, maintained and tested on all cross connections?	X			
9. Does raw water quality data indicate changes to the source water quality?				X
10. Has source yield changed?				X
11. Are there obvious sources of contamination in the vicinity of the well?		X		
12. Was the well pump recently repaired or replaced?		X		
13. Are there signs of vandalism at the well?		X		
14. Have there been any unusual weather events that may have impacted the well?		X		
15. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the well?		X		

Assessor Name: DANNY MORTIMER

B. Source – Surface Water

**If PWS does not use a surface water source check here and skip to subsection C* X

Which surface water sources were used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Is the surface water intake screened and maintained?				
2. Is the pump house protected from unauthorized personnel?				
3. Does raw water quality data indicate changes to the source water quality?				
4. Are there obvious sources of contamination within the nearby watershed?				
5. Are there signs of vandalism at the surface water intake?				
6. Have severe weather events such as heavy rainfall, rapid snowmelt, drought, or reservoir turnover occurred?				
7. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the source?				

Assessor Name: DANNY MORTIMER

C. Treatment Processes

Questions:	YES	NO	N/A	Unk.
1. Have there been interruptions in any treatment processes?	X			
2. Has the treatment plant(s) or finished water pump(s) experienced any power interruptions?		X		
3. Has there been any recent installation or repair of treatment equipment?	X			
4. Have there been changes to any treatment processes?		X		
5. Does water quality data indicate inadequate/inappropriate treatment of water?				X
6. Are all treatment processes operational and maintained?		X		
7. Is there an air gap between treatment instrumentation and waste lines?			X	
8. Were there any failures to meet required CT values?		X		
9. Did treatment plant flow rates exceed the permitted capacity?		X		
10. Is the PWS meeting all permit special conditions (alternative treatment technologies)?				X
11. Did a review of the turbidity data reveal any anomalies?			X	
12. Did a review of chlorine residual data reveal any anomalies or deficiencies?	X			

Assessor Name: DANNY MORTIMER

D. Distribution System

Questions:	YES	NO	N/A	Unk.
1. Have line breaks and repairs, or large firefighting events occurred?		X		
2. If samples were collected from inside a building, has there been any recent plumbing work conducted at the site?			X	
3. If samples were collected from inside a building, does the site have additional water treatment installed?			X	
4. Is there evidence that the system experienced low or negative pressure?		X		
5. Was there any scheduled flushing of the distribution system?		X		
6. Are pump stations protected from unauthorized personnel?	X			
7. Are appropriate backflow prevention devices installed, maintained, and tested on all cross connections?	X			
8. Are air relief valves maintained and operational without leaks?	X			
9. Are pump stations maintained and equipment operational?			X	
10. Are fire hydrants and blow offs maintained and operational without leaks?	X			
11. Does water quality data collected in the distribution system show results indicative of an issue?				X
12. Have any water related customer complaints been received?		X		
13. Is there any evidence of intentional contamination in the distribution system?		X		

Assessor Name: DANNY MORTIMER

E. Storage Tanks

**If no storage tank check here and skip to section IV.* ☐

Questions:	YES	NO	N/A	Unk.
1. Is the pressure tank maintaining an appropriate minimum pressure?				X
2. Are all vents and overflow pipes screened?	X			
3. Is the tank maintained and free of rust, holes and leaks?	X			
4. Are there any unsealed openings in the storage facility such as access doors, vents or joints?		X		
5. Are signs of vandalism visible?		X		
6. Are roof hatches and manhole openings tightly covered and locked?				X
7. Do downspouts and overflow pipes drain water away from structure?	X			
8. Have all storage tanks been inspected and cleaned within the last 5 years?		X		
9. Were there any repair activities associated with the storage tanks?		X		

Assessor Name: DANNY MORTIMER

F. Water Quality Data Table

Parameter	Number of Each Sample Type Collected		
	Raw ()	Entry Point ()	Distribution ()
Chlorine Residual (mg/L)		**0**	**0**
Turbidity (NTU)			
Coliform Bacteria			
Other (specify below)			

G. Issue Descriptions and Corrective Actions **(Use page 8 to report additional issues)**

** No issues were found during the assessment:* ☐

Issue Description (list section letter and #)	Corrective Action
The system had very low chlorine residual throughout the system.	

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

H. Verification

I hereby certify that the information contained herein is true and correct to the best of my knowledge, information and belief.

Lead Assessor's Name (print): DANNY MORTIMER , DISTRICT 4 SANITARIAN

Lead Assessor's Name Signature: **Date: 4/4/2019**



Note - The completed form must be completed within 30 days of a public water system triggering a Level 2 Assessment.

Positive Sample #5:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #6:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #7:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #8:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #9:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: POWHATAN			PWS ID#: 1069008
Contact Name: JOHNNIE TAYLOR			Phone #: 318-352-4371
PWS Address: PO BOX 126 POWHATAN LA 71066			E-mail:
Name of Lead Assessor: Autumn Permenter			Date Completed: 5/22/2019
Level 2 Trigger	*E. coli* Positive: YES ☐NO X	If yes, which sample(s) from Section II?	
	2nd Level 1: YES X NO ☐	Date of 1st Level 1:	

II. Positive Sample Information (Use page 7 to report additional positive monthly samples)

Positive Sample #1:	Sample POC#:S1903229-001	Sample POC Name: TCR-006	
Sample Date: 5/14/2019	Name of Sample Collector: Paul Gibbs		
Chlorine Residual:	Free X Total ☐	Not Measured ☐	0.5 mg/L
Was the sample collected according to the sample siting plan?			YES X NO ☐
Was the condition of the sample tap appropriate for collection?			YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES X NO ☐

Positive Sample #2:	Sample POC#:S1903312-003	Sample POC Name: RPOR	
Sample Date: 1/24/2019	Name of Sample Collector: Paul Gibbs		
Chlorine Residual:	Free X Total ☐	Not Measured ☐	1.52mg/L
Was the sample collected according to the sample siting plan?			YES X NO ☐
Was the condition of the sample tap appropriate for collection?			YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES X NO ☐

Positive Sample #3:	Sample POC#	Sample POC Name:	
Sample Date:	Name of Sample Collector:		
Chlorine Residual:	Free X Total ☐	Not Measured ☐	0.0 mg/L
Was the sample collected according to the sample siting plan?			YES X NO ☐
Was the condition of the sample tap appropriate for collection?			YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES X NO ☐

Positive Sample #4:	Sample POC#:	Sample POC Name:	
Sample Date:	Name of Sample Collector:		
Chlorine Residual:	Free X Total ☐	Not Measured ☐	0.0 mg/L
Was the sample collected according to the sample siting plan?			YES X NO ☐
Was the condition of the sample tap appropriate for collection?			YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES X NO ☐

III. Assessment Questions

A. Source – Well

**If PWS does not use a well source check here and skip to subsection B* ☐

Which well sources were not used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Was a new source activated?		X		
2. Is the ground graded to prevent surface water flow towards the well?	X			
3. Does the well casing extend at least 18" above the ground?	X			
4. Is the exposed portion of the well casing in good condition?		X		
5. Does the well have a secured sanitary seal well cap?	X			
6. Is the sanitary seal well cap vented and screened?	X			
7. Is there a down turned well vent that is at least 24 inches above the ground surface?	X			
8. Are appropriate backflow prevention devices installed, maintained and tested on all cross connections?	X			
9. Does raw water quality data indicate changes to the source water quality?				X
10. Has source yield changed?				X
11. Are there obvious sources of contamination in the vicinity of the well?		X		
12. Was the well pump recently repaired or replaced?		X		
13. Are there signs of vandalism at the well?		X		
14. Have there been any unusual weather events that may have impacted the well?		X		
15. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the well?		X		

Assessor Name: DANNY MORTIMER

B. Source – Surface Water

**If PWS does not use a surface water source check here and skip to subsection C* X

Which surface water sources were used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Is the surface water intake screened and maintained?				
2. Is the pump house protected from unauthorized personnel?				
3. Does raw water quality data indicate changes to the source water quality?				
4. Are there obvious sources of contamination within the nearby watershed?				
5. Are there signs of vandalism at the surface water intake?				
6. Have severe weather events such as heavy rainfall, rapid snowmelt, drought, or reservoir turnover occurred?				
7. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the source?				

Assessor Name: DANNY MORTIMER

C. Treatment Processes

Questions:	YES	NO	N/A	Unk.
1. Have there been interruptions in any treatment processes?	X			
2. Has the treatment plant(s) or finished water pump(s) experienced any power interruptions?		X		
3. Has there been any recent installation or repair of treatment equipment?	X			
4. Have there been changes to any treatment processes?		X		
5. Does water quality data indicate inadequate/inappropriate treatment of water?				X
6. Are all treatment processes operational and maintained?		X		
7. Is there an air gap between treatment instrumentation and waste lines?			X	
8. Were there any failures to meet required CT values?		X		
9. Did treatment plant flow rates exceed the permitted capacity?		X		
10. Is the PWS meeting all permit special conditions (alternative treatment technologies)?				X
11. Did a review of the turbidity data reveal any anomalies?			X	
12. Did a review of chlorine residual data reveal any anomalies or deficiencies?	X			

Assessor Name: DANNY MORTIMER

D. Distribution System

Questions:	YES	NO	N/A	Unk.
1. Have line breaks and repairs, or large firefighting events occurred?		X		
2. If samples were collected from inside a building, has there been any recent plumbing work conducted at the site?			X	
3. If samples were collected from inside a building, does the site have additional water treatment installed?			X	
4. Is there evidence that the system experienced low or negative pressure?		X		
5. Was there any scheduled flushing of the distribution system?		X		
6. Are pump stations protected from unauthorized personnel?	X			
7. Are appropriate backflow prevention devices installed, maintained, and tested on all cross connections?	X			
8. Are air relief valves maintained and operational without leaks?	X			
9. Are pump stations maintained and equipment operational?			X	
10. Are fire hydrants and blow offs maintained and operational without leaks?	X			
11. Does water quality data collected in the distribution system show results indicative of an issue?				X
12. Have any water related customer complaints been received?		X		
13. Is there any evidence of intentional contamination in the distribution system?		X		

Assessor Name: DANNY MORTIMER

E. Storage Tanks

**If no storage tank check here and skip to section IV.* ☐

Questions:	YES	NO	N/A	Unk.
1. Is the pressure tank maintaining an appropriate minimum pressure?				X
2. Are all vents and overflow pipes screened?	X			
3. Is the tank maintained and free of rust, holes and leaks?	X			
4. Are there any unsealed openings in the storage facility such as access doors, vents or joints?		X		
5. Are signs of vandalism visible?		X		
6. Are roof hatches and manhole openings tightly covered and locked?				X
7. Do downspouts and overflow pipes drain water away from structure?	X			
8. Have all storage tanks been inspected and cleaned within the last 5 years?		X		
9. **Were there any repair activities associated with the storage tanks?**		X		

Assessor Name: DANNY MORTIMER

F. Water Quality Data Table

Parameter	Number of Each Sample Type Collected		
	Raw ()	Entry Point ()	Distribution ()
Chlorine Residual (mg/L)		0	0
Turbidity (NTU)			
Coliform Bacteria			
Other (specify below)			

G. Issue Descriptions and Corrective Actions (Use page 8 to report additional issues)

** No issues were found during the assessment:* ☐

Issue Description (list section letter and #)	Corrective Action
The system has been experiencing a loss of service and low pressure which may contribute to TC+ sample results.	

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

H. Verification

I hereby certify that the information contained herein is true and correct to the best of my knowledge, information and belief.

Lead Assessor's Name (print): DANNY MORTIMER , DISTRICT 4 SANITARIAN

Lead Assessor's Name Signature: **Date: 5/28/2019**

Note - The completed form must be completed within 30 days of a public water system triggering a Level 2 Assessment.

Positive Sample #5:	Sample POC#:	Sample POC Name:	
Sample Date:	Name of Sample Collector:		
Chlorine Residual:	Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?			YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?			YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES ☐ NO ☐

Positive Sample #6:	Sample POC#:	Sample POC Name:	
Sample Date:	Name of Sample Collector:		
Chlorine Residual:	Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?			YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?			YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES ☐ NO ☐

Positive Sample #7:	Sample POC#:	Sample POC Name:	
Sample Date:	Name of Sample Collector:		
Chlorine Residual:	Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?			YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?			YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES ☐ NO ☐

Positive Sample #8:	Sample POC#:	Sample POC Name:	
Sample Date:	Name of Sample Collector:		
Chlorine Residual:	Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?			YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?			YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES ☐ NO ☐

Positive Sample #9:	Sample POC#:	Sample POC Name:	
Sample Date:	Name of Sample Collector:		
Chlorine Residual:	Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?			YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?			YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES ☐ NO ☐

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

Certified Mail: 7018 1830 0000 9275 0881- Return Receipt Requested

October 18, 2019

Mayor Johnnie Taylor
Powhatan Water System
P. O. Box 126
Powhatan, LA 71066

Re: Class I Sanitary Survey
Powhatan Water System
PWS ID LA1069008
Natchitoches Parish

Dear Mayor Taylor:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 25, 2019 sanitary survey inspection of the public water supply system for Powhatan Water System (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	**Organization**
James Soileau III	LDH-OPH Region 7 Engineering Services
Mayor Johnnie Taylor	Powhatan Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/29/2019	06/11/2019	Sanitary Survey Follow-up	Significant	Operator Compliance with State Requirements	Management

Comments: AC 51:XII.309.A - All public water supplies shall be under the supervision and control of a duly certified operator as per requirements of the State Operator Certification Act, Act 538 of 1972, as amended. The water system was not under the supervision and control of a duly certified operator due to the operator being out of town at the time of the site visit. The water system must ensure that when the designated operator is unavailable there is a backup operator certified with a Class 1 or higher Water Production and Water Distribution certificate.

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/29/2019	06/11/2019	Sanitary Survey Follow-up	Significant	Other	Management

Comments: All potable water systems shall be designed, constructed and maintained so as to prevent leakage of water due to defective materials, improper jointing, corrosion, settling, impacts, freezing, or other causes. Valves and blow-offs shall be provided so that necessary repairs can be made with a minimum interruption of service. At the time of the site visit, a major leak had caused a water outage. The water outage occurred off and on for 4 days. Water main breaks must be fixed as quickly as possible to avoid water outages and possible contamination of the water system. A standard operating procedure for repairing water mains and reducing leaks in the system must be submitted to this office.

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/29/2019	06/11/2019	Sanitary Survey Follow-up	Minor	Operator Compliance with State Requirements	Management

Comments: AC 48:V.21.7303.B - The Operator of any public water system or any community sewerage system shall hold current and valid professional certification(s) of the required category(s) at or above the level required for the total system and individual facility. Additionally, an operator shall demonstrate that, when not actually on site at the facility, he is capable of responding to that location within one hour of being notified that his presence is needed. A site visit was performed in response to a water outage complaint. Ms. Eddie Jackson was contacted that LDH staff would be arriving to perform an onsite inspection. Ms. Jackson was unavailable and was leaving town at that time. The water system did not have a backup operator to meet LDH staff. The water system's certified operators must demonstrate that she or he is capable of responding to the water system location within one hour of being notified that her/his presence is needed. The water system must provide a standard operating procedure of how this requirement will be achieved.

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/22/2019	05/22/2019	Level 2 Assessment rTCR	Significant	Treatment	Management
Visit Date	Notify Date	Reason	Severity	Category	Facility

04/04/2019	05/22/2019	Level 2 Assessment rTCR	Significant	Treatment	Management
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Significant	Finished Water Storage	GR001-GROUND STORAGE TANK
Comments: During the inspection, the screen on the inside of the overflow piping was dislodged which could allow the entrance of small insects into the storage tank. The screen should be secured to the walls of the overflow pipe.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Significant	Other	Management
Comments: Critical water system component is in poor condition or defective and indicative of failure or imminent failure. Component failure is expected to critically impact the quality and/or quantity of produced water. The electrical box on well # 1 was severely corroded. Holes could begin to form on it soon which could allow moisture into the electrical box and cause it to fail. The electrical box shall be repainted to provide cathodic protection on it.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Significant	Other	Management
Comments: The 3 wells are located in the back of a field. The inspection was done after a period of heavy rain, which made this field extremely muddy. When the field is muddy, the wells are inaccessible by vehicle and very difficult to reach by foot. All-weather access roads must be provided for all well yards, and as such an all-weather access road shall be provided for the 3 wells so that they may be accessed during times of heavy rainfall.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Significant	Security	Management
Comments: All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked. At the time of the inspection, several facilities were unlocked. All facilities related to the water system shall be kept locked at all times.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Significant	System Management and Operation	Management
Comments: At the time of the inspection, Ms. Jackson did not know how to turn on the generator. This could pose as a serious problem in an emergency situation where standby power must be applied immediately. Ms. Jackson must get proper instruction on how to operate the generator.					
Visit Date	Notify Date	Reason	Severity	Category	Facility

12/27/2018	01/02/2019	Sanitary Survey Follow-up	Significant	Source	1069008-001-WELL #1, NEAREST WELL
Comments: At the time of the inspection, the well casing had slits on both sides of the well. It appears the the casing has split apart down the middle, creating fairly large holes. These holes shall be sealed to prevent a pathway for contamination into the well.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Minor	Finished Water Storage	EL001-ELEVATED STORAGE TANK
Comments: The elevated tank was leaking a steady stream of water out of the bottom of the reservoir. The leak shall be patched. All cisterns and storage tanks shall be of watertight construction and made of concrete, steel or other materials approved for this purpose by the state health officer.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Minor	Source	1069008-001-WELL #1, NEAREST WELL
Comments: At the time of the inspection, there was no flow meter on the discharge piping. A flow meter should be added to the discharge piping. The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/27/2018	01/02/2019	Sanitary Survey Follow-up	Minor	Source	1069008-004-WELL NO 4
Comments: There was no screen on the air release valve. A screen shall be added to the air release valve. The discharge piping shall where applicable, be equipped with an air release-vacuum relief valve located upstream from the check valve, with exhaust/relief piping terminating in a down-turned position at least 18 inches above the floor and covered with a 24 mesh corrosion resistant screen.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
10/23/2018	03/30/2017	Level 2 Assessment rTCR	Significant	Source	1069008-002-WELL #2
Comments: There is a significant crack on the well slab. The concrete slab must be repaired to prevent the introduction of contamination into the well casing. As of site visit on 12/27/18- At the time of the inspection, the well casing was extremely eroded. The portion between the top of the casing and the sample tap was in such a degraded state that a piece of concrete was loose. After further inspection, the piece could be removed and one could see directly inside of the well casing once removed. There was also a hole at the bottom of the casing which looked to be an old screw hole. There were also holes in the back of the electrical box. The well casing was showing signs of heavy corrosion as well. All of these could provide pathways for contamination into the well and shall be corrected.					
Visit Date	Notify Date	Reason	Severity	Category	Facility

10/23/2018	10/29/2018	Level 2 Assessment rTCR	Minor	Treatment	Management
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/27/2018	09/27/2018	Sanitary Survey Follow-up	Significant	Finished Water Storage	EL001-ELEVATED STORAGE TANK

Comments: Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures. There was a constant stream of water coming out of the bottom of the elevated storage tank. The leak must be repaired and the storage tank should be brought back to a watertight state. As of the site visit on 12/27/18: There was no screen on the overflow piping for the elevated tank. This could provide the entrance of small animals and insects into the finished water storage. A screen shall be added to the elevated tank.

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/27/2017	03/30/2017	Formal Enforcement	Significant	Source	1069008-002-WELL #2

Comments: There is a significant crack on the well slab. The concrete slab must be repaired to prevent the introduction of contamination into the well casing. As of site visit on 12/27/18- At the time of the inspection, the well casing was extremely eroded. The portion between the top of the casing and the sample tap was in such a degraded state that a piece of concrete was loose. After further inspection, the piece could be removed and one could see directly inside of the well casing once removed. There was also a hole at the bottom of the casing which looked to be an old screw hole. There were also holes in the back of the electrical box. The well casing was showing signs of heavy corrosion as well. All of these could provide pathways for contamination into the well and shall be corrected.

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/27/2017	03/30/2017	Formal Enforcement	Minor	Finished Water Storage	GR001-GROUND STORAGE TANK

Comments: The pressure gage was leaking. The leak must be repaired.

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/27/2017	03/30/2017	Formal Enforcement	Minor	Source	1069008-002-WELL #2

Comments: The well casing shows signs of corrosion. The casing must be cleaned and painted.

Significant Deficiencies

<table>
<tr><th>FACILITY</th><th>CATEGORY</th><th>FINDINGS</th></tr>
<tr><td>Management</td><td>Other</td><td>At the time of the inspection, the foundation of the elevated storage tank appeared to be eroding due to the constant leaking of water from the elevated tank. Serious and immediate action must be taken to ensure that the structural integrity of the elevated tank is maintained. See Attachment #1</td></tr>
<tr><th>FACILITY</th><th>CATEGORY</th><th>FINDINGS</th></tr>
<tr><td>Management</td><td>System Management and Operation</td><td>The water system is currently permitted for the use of free chlorine but, when sampling the wells, the inspectors found consistent levels of ammonia present. The results of water quality testing, performed on-site by LDH at the time of the survey, are as follows:
<table>
<tr><th>Site Location</th><th>Total Ammonia Level (PPM)</th><th>Free Ammonia (PPM)</th><th>Mono-Chloramine (PPM)</th><th>Nitrite (PPM)</th><th>Free/Total Chlorine</th></tr>
<tr><td>POE-001</td><td>0.87</td><td>0.53</td><td>2.32</td><td>0.004</td><td>1.04/1.90</td></tr>
<tr><td>TCR-006</td><td>0.98</td><td>0.57</td><td>2.12</td><td>0.003</td><td>0.74/1.85</td></tr>
<tr><td>MRT-002</td><td>0.97</td><td>>0.60</td><td>1.28</td><td>0.003</td><td>Total= 1.14</td></tr>
<tr><td>Well #1</td><td>0.97</td><td></td><td></td><td></td><td></td></tr>
<tr><td>Well #2</td><td>0.90</td><td></td><td></td><td></td><td></td></tr>
</table>
The Powhatan Water System is permitted and identified in the Louisiana Monitoring Plan Portal (MPP) as a free chlorine system (secondary disinfection, in the distribution system). To operate as a free chlorine system The Powhatan Water System must ensure that sufficient free chlorine is added to groundwater to carry adequate free chlorine residual throughout the distribution system.

Naturally occurring free ammonia, where present in groundwater and not fully destroyed by breakpoint chlorination, combines with free chlorine to form chloramines (measured as total chlorine).

Systems that use chloramine for disinfection need to be permitted, and listed in the MPP, as Total Chlorine.

Based on the above results The Powhatan Water System's groundwater contains naturally occurring ammonia and breakpoint chlorination is not being achieved, therefore, the system is operating as an unpermitted total chlorine (chloramine) system.

The system may either:

1. Remain a free chlorine system and submit to this office a</td></tr>
</table>

		Monitoring and Control Plan (MCP) to ensure proper treatment. The MCP shall characterize the chlorine demand of the source water(s), the amount of free chlorine required to achieve proper treatment and identify monitoring to be performed to ensure proper treatment is consistently being achieved. 2. Become a monochloramine system by using and/or adding ammonia. The system shall submit to this office a MCP which requires the same as above, the chlorine demand of the source water and the amount of chlorine required to achieve proper treatment. In addition, a permit will be required for the conversion. A Louisiana Professional Engineer must submit the permit application and documents. The permit will require a chloramine test to identify the type of chloramines created in the system, a Nitrification Control Plan, dose calculations, and a public notice.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The Powhatan Water System shall submit a written plan for ensuring the distribution system is protected against potential contamination from backflow. Such plan shall include a timeframe to implement the following minimum components: A) The plan shall establish legal authority for the water systems cross connection control program (i.e., an ordinance, a bylaw or resolution, or water service rules and regulations). B) The plan shall include the enforcement measures the system will implement to eliminate cross connections. Such enforcement measures shall include the installation of approved backflow prevention devices or methods and disconnecting customers from the water supply when deemed necessary (i.e., refusal or removal of water service when a customer fails to comply with the systems policy). C) The plan shall include a policy which prevents any customer from having unprotected cross connections on the customers premises. D) The plan shall identify categories of customers for which the water system is requiring backflow containment protection on the service connection to the customer and shall specify the type of backflow prevention assembly and the design standard(s) it must meet or method required for each category of customer. E) The plan shall include the water systems policy of regarding ownership, installation, maintenance, and field testing of the backflow preventers and methods associated with protecting their water supply. The policy shall specify the procedures and frequency for testing backflow prevention assemblies and methods and shall specify the qualifications for persons installing, repairing, or testing

		the assemblies or methods. F) The plan shall include a policy that ensures that only persons duly qualified are permitted to install, repair, or test backflow prevention assemblies or methods.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	It was noted during the sanitary survey that the water system did not keep a customer complaint log. Effective August 1, 2018, community water systems are required by Act 292 to establish and maintain records of customer complaints. The aspects of the log include time and date of the complaint, location, the name of the customer or user, a brief description, and the corrective actions implemented to resolve the complaint. These records must be maintained by the water system for a minimum of 5 years and must be made available for review by LDH upon request. These records can be vital to identify problem areas in your distribution system. They can also support efforts to seek funding for various issues that may plague the water system.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: James Soileau III, E.I.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1903312-003	Repeat	5/16/2019		1.520	
S1903229-001	Routine	5/14/2019		0.500	
S1902023-002	Repeat	3/27/2019		0.070	
S1902023-004	Repeat	3/27/2019		0.120	
S1902023-005	Repeat	3/27/2019		0.110	
S1901723-001	Routine	3/26/2019		0.090	
S1900535-001	Repeat	1/24/2019		0.000	0.000
S1900535-002	Repeat	1/24/2019		0.000	0.000
S1900535-003	Repeat	1/24/2019		0.000	0.000
S1900093-001	Routine	1/22/2019		0.000	0.000
S1806004-001	Repeat	10/17/2018		0.000	0.000
S1806004-002	Repeat	10/17/2018		0.000	0.000
S1806004-003	Repeat	10/17/2018		0.000	0.000
S1805954-001	Routine	10/15/2018		0.000	0.000

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
7008260	02/20/2019	E. COLI	

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
7008270	08/09/2019	PUBLIC NOTICE RULE	

		LINKED TO VIOLATION	
7008269	08/02/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	07/01/2019 - 07/31/2019
7008267	06/28/2019	CORRECTIVE/EXPEDITED ACTIONS (RTCR)	
7008266	06/10/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2019 - 06/30/2019
7008263	04/03/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	03/01/2019 - 03/31/2019
7008262	04/02/2019	FAILURE ADDRESS DEFICIENCY (GWR)	
7008261	03/06/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
7008259	02/05/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	01/01/2019 - 01/31/2019
7008258	11/26/2018	CORRECTIVE/EXPEDITED ACTIONS (RTCR)	
7008256	11/07/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	10/01/2018 - 10/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-5422.

Respectfully,

James Soileau III, E.I.
Region 7 Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

Attachments



Attachment #1

Severity: Significant

Category: Other

Attachment Comments: The foundation around the elevated tank appeared eroded.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 1830 0000 8554 3230**

May 28, 2019

Randy Dupree
PROVENCAL WATER SYSTEM
P.O. Box 400
Provencal, LA 71468-0400

Re: Class I Sanitary Survey
PROVENCAL WATER SYSTEM Public Water System
PWS ID LA1069009
NATCHITOCHES Parish

Dear Mr. Dupree:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 24, 2019 sanitary survey inspection of the public water supply system for PROVENCAL WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Danny Mortimer	OPH Region VII Engineering
Randy Dupree	Village Of Provencal

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The system does not have a back-up source of water or a standby generator. The system needs a connection to a backup water supply to be able to provide enough water during times of high demand or loss of power.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The system needs to implement a formal cross connection control plan.
FACILITY	CATEGORY	FINDINGS
1069009-002 - WELL #2	Source	The casing and piping for Well #2 was rusty. The well casing and piping need to be cleaned and painted to prevent the possibility of contamination. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1069009-001 - WELL #1, BUILDING	Source	The casing for Well #1 was rusty. The well casing needs to be cleaned and painted to prevent the possibility of contamination. **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND TANK	Finished Water Storage	The ground storage tank overflow was not screened. The overflow for the ground storage tank needs to be screened. **See Attachment #3**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

LDH-OPH Engineering recommends that all water storage facilities are inspected and cleaned every five years.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Danny Mortimer, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7432.

Respectfully,



Danny Mortimer
District 4 Sanitarian
OPH District 4 Engineering
318-676-7432

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1
Severity: Significant
Facility ID: WELL #1, BUILDING
Category: Source
Attachment Comments: Well #1 - Rusty Casing

Office of Public Health ▪ Northwest Region VII
1525 Fairfield Avenue, Room 569 ▪ Shreveport, Louisiana 71101
Phone #: 318-676-7470 ▪ Fax #: 318-676-5170 ▪ www.ldh.la.gov
"An Equal Opportunity Employer"



Attachment #2
Severity: Significant
Facility ID: WELL #2
Category: Source
Attachment Comments: Well #2 - Rusty casing and well piping



Attachment #3
Severity: Minor
Facility ID: GROUND TANK
Category: Finished Water Storage
Attachment Comments: Ground Storage tank overflow needs to be screened.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 1830 0001 0572 3277

October 30, 2019

Ronald Guin
Sandy Point 480 Water System
P.O. Box 397
Campti, LA 71411

Re: Class I Sanitary Survey
Sandy Point 480 Water System
PWS ID LA1069013
Natchitoches Parish

Dear Mr. Guin:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 17, 2019 sanitary survey inspection of the public water supply system for Sandy Point 480 Water System (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Hannah Beatty	LDH-OPH Engineering Services
Eddie Conlay	Eddie Conlay Services LLC
James Soileau III	LDH-OPH Engineering Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/04/2014	02/06/2014	Sanitary Survey, Finished	Minor	Treatment	TP001-SURFACE WATER TREATMENT PLANT
Comments: Please contact your chemical provider and confirm all chemicals stored together in the water treatment plant building are compatible.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	Chemical injection pumps were not secured and were resting on their respective chemical drums. The injector pumps must be secured to prevent equipment failure and continuous dosing. See Figure 1.
FACILITY	CATEGORY	FINDINGS
Management	Other	The clarification and filtration units do not appear to be working correctly. The operator informed the inspectors that the units have to be backwashed every three (3) hours with the process taking 40-45 minutes for completion. The water in the filter also had a brown foam on the surface. The testing equipment should be validated and calibrated by a registered technician. The direct filtration plant must be returned to proper working order. See Figure 2.
FACILITY	CATEGORY	FINDINGS
Management	Other	Piping throughout the site showed signs of corrosion. This corrosion may result in leaks if not repaired. The pipes are to be cleaned, repaired, and painted or properly treated to prevent further corrosion. See Figure 3.
FACILITY	CATEGORY	FINDINGS
Management	Security	The fencing surrounding the intake structure and the electrical controls had debris and vegetation on it. This can compromise the structural integrity of the fence. These components must be protected from trespassing, vandalism, and sabotage. The vegetation and debris must be removed. See Figures 4 and 5.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	No Cross Connection Control Plan was available at the time of inspection. Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.

FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER TREATMENT PLANT	Treatment	The chlorine feed pump was corroded and appears to be nearing the end of its operating life. General equipment design shall be such that feeders will be able to supply at all times the necessary amounts of chemicals at an accurate rate throughout the range of feed. The pump must be repaired or replaced. See Figure 6.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	No Nitrification Plan was available at the time of inspection. Please submit for review and approval by LDH. Where a continuous chloramination (i.e., chlorine with ammonia addition) method is used, a nitrification control plan shall be developed and submitted to the state health officer.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	1. The electrical boxes at the intake structure are located in an area prone to flooding. Main switch gear electrical controls shall be located above grade in areas not subject to flooding. The electrical controls must be protected from flooding. An electrician should be contacted to ensure that the proper codes are followed when making this correction. 2. The pump disconnect is over 50 feet away from the pump locations. An electrician should be contacted to review the current installation to determine if changes are needed or if the current layout is acceptable. All electrical work shall conform to the requirements of the National Electric code or to relevant state and/or local codes. See Figure 7.
FACILITY	CATEGORY	FINDINGS
EL001 - EST #1	Finished Water Storage	Piping at the elevated tank was corroded from previous leaks. Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. See Figure 8.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The site at the intake structure was overgrown with grass, had old piping laying on the ground, and had a suspended spare pump. Consideration must be given to the safety of water plant personnel and visitors. The design must comply with all applicable safety codes and regulations that may include the Uniform Building Code, Uniform Fire Code, National Fire Protection Association Standards, and state and federal OSHA standards. See Figure 7.
FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER TREATMENT PLANT	Treatment	Chlorine building did not have an inspection window nor was it sealed. Chlorine gas feed and storage shall be separated from other operating areas and should be enclosed. The chlorine room should be provided with a shatter resistant inspection window installed in an interior wall, constructed in such a manner that all openings between the chlorine room and the remainder of the plant are sealed, and provided with doors equipped with panic hardware, assuring ready means of exit and opening outward only to the building exterior. See Figure 9.
FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER TREATMENT PLANT	Treatment	Chlorine cylinders were chained together. Cylinders should be chained separately. Full and empty cylinders of chlorine gas should be isolated from operating areas, restrained in position to prevent upset, and stored in areas not in direct sunlight or exposed to excessive heat. See Figure 10.
FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER TREATMENT PLANT	Treatment	No weighing scales are provided. Weighing scales should be provided where chlorine gas is utilized. See Figure 10.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH-OPH Engineering Services – Northwest Region VII
Attn: Hannah Beatty, P.E.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information.

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
1894	05/09/2019	CHLORAMINE	03/01/2019 - 03/31/2019
1893	05/09/2019	TURBIDITY	03/01/2019 - 03/31/2019

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
10/15/2019	0.187 MG/L	0.080 MG/L	TTHM	07/01/2019 - 09/30/2019
07/08/2019	0.325 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2019 - 06/30/2019
07/08/2019	0.194 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2019 - 06/30/2019
07/08/2019	0.242 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
07/08/2019	0.212 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
03/26/2019	0.269 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
03/26/2019	0.394 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
03/26/2019	0.273 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
03/26/2019	0.237 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
01/07/2019	0.230 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
01/07/2019	0.356 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
01/07/2019	0.204 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
01/07/2019	0.273 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
1899	08/12/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
1892	05/08/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	04/01/2019 - 04/30/2019

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7434.

Respectfully,

Hannah Beatty, P.E.

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering



Figure 1 Unsecured Injector Pumps



Figure 2 Clarifier and Filter Unit



Figure 3 Corroded Piping



Figure 4 Fencing at Intake Structure



Figure 5 Fencing at Electrical Panel



Figure 6 Corroded Chlorine Pump



Figure 7 Site of Intake Structure



Figure 8 Corroded Pipe on Elevated Storage Tank



Figure 9 Chlorine Building



Figure 10 Chlorine Cylinders Feed Area

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 1830 0000 8554 4602**

May 8, 2019

William Jenkins
BELLWOOD WATER SYSTEM
135 Bellwood Church Road
Provencal, LA 71468

Re: Class 2 Follow-Up Sanitary Survey Site Visit
BELLWOOD WATER SYSTEM Public Water System
PWS ID LA1069014
NATCHITOCHES Parish

Dear Mr. Jenkins:

The Department of Health and Hospitals would like to thank you and the site visit participants for the courtesy and assistance provided during the April 25, 2019 Follow-Up Sanitary Survey inspection of the public water supply BELLWOOD WATER SYSTEM. These inspections are part of our program to ensure compliance with the EPA Code of Federal Regulations Title 40 Parts 141-142 and Title 51 of the Louisiana Administrative Code.

This letter provides a summary of items noted in previous sanitary surveys in addition to during this follow-up sanitary survey. If significant deficiencies have been listed on the subsequent pages you are required to correct the deficiencies and provide written documentation of your corrective actions including the date(s) resolved. You may also request additional time beyond the 60 days in writing by providing a detailed plan of corrective action that includes proposed completion dates. Failure to respond to this letter in writing within 60 days of receipt may result in Enforcement Action.

Parties Present

Name	Organization
Floyd Smith	LDH District 4 Engineering
Leslie L. Dunn	Bellwood Water System
Kelly Herrick	LDH OPH Engineering Services
Mary Ann Miller	Bellwood Water System

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
04/26/2019	0.147 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
04/26/2019	0.092 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
04/26/2019	0.157 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
04/26/2019	0.123 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
01/16/2019	0.145 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
01/16/2019	0.084 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
01/16/2019	0.123 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
01/16/2019	0.167 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
10/15/2018	142 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
10/15/2018	69 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
10/15/2018	126 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
10/15/2018	181 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
08/24/2018	99 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2018 - 06/30/2018
08/24/2018	132 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2018 - 06/30/2018
08/24/2018	179 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
08/24/2018	128 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period

NOTICE OF DEFICIENCIES / NOTICE OF VIOLATIONS

Based upon review of the available records and visual examination of the facilities, the following deficiencies require your immediate attention.

Unresolved Observations – Deficiencies cited during previous site visits

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/27/2018	12/04/2018	Formal Enforcement	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: There was no formal cross connection program in place for Bellwood Water System. The water system shall construct a personalized cross connection control ordinance and submit it to our office. Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.					

Significant Deficiencies

No observations were recorded in this category.

Minor Deficiencies

No observations were recorded in this category.

The deficiencies listed in the above table titled "NOTICE OF DEFICIENCIES / NOTICE OF VIOLATIONS" must be corrected and a written response submitted to the department within 60 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the DHH-OPH Enforcement Units. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided by the Public Water System to the Surveying Office within 60 days of receipt of this letter with details regarding your corrective actions and any time extensions you may propose or you will be cited with a Treatment Technique violation which requires you to notify your consumers of the violation incurred.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

DHH/OPH Engineering Services – Northwest Region VII
Attn: Floyd Smith, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at:

Respectfully,

Floyd Smith, R.S.
District Compliance Officer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering
LDH/OPH Enforcement Unit

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7012 1010 0000 1528 0785

December 12, 2019

B.T. Smith
AJAX BEULAH WATER SYSTEM
2251 Highway 487
Marthaville, LA 71450

Re: Class I Sanitary Survey
AJAX BEULAH WATER SYSTEM Public Water System
PWS ID LA1069015
NATCHITOCHES Parish

Dear Mr. Smith:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the December 5, 2019 sanitary survey inspection of the public water supply system for AJAX BEULAH WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Floyd Smith	LDH District 4 Engineering
Randy Byrd	Belmont Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	40 CFR 141.403 and LAC 51:XII.344 - Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods. A copy of the Cross Connection Control Plan is needed.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	40 CFR 141.403 and LAC 51:XII.311.A - Complete daily records of the operation of a public water system, including reports of laboratory control tests, shall be kept and retained as prescribed in the National Primary Drinking Water Regulations on forms approved by the state health officer. When specifically requested by the state health officer or required by other requirements of this Part, copies of these records shall be provided to the office designated by the state health officer within 10 days following the end of each calendar month. Additionally, all such records shall be made available for review during inspections/sanitary surveys performed by the state health officer.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	40 CFR 141.403 and LAC 51:XII.377.A.1 - Records of microbiological analyses and turbidity analyses made pursuant to this part shall be kept for not less than 5 years. Records of chemical analyses made pursuant to this part shall be kept for not less than 10 years. 40CFR 141.33(a). Bacteriological test and chemical test results reports from the laboratory shall be kept on file and retained for not less than ten (10) years. During the sanitary survey, the test results were not available for review. All such records shall be made available for review during inspections and sanitary surveys of the public water system performed by LDH. Lab reports, CCR reports need to be provided for review by LDH staff.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Floyd Smith, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
10/22/2019	0.098 MG/L	0.080 MG/L	TTHM	07/01/2019 - 09/30/2019
07/09/2019	0.090 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
04/17/2019	0.085 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
01/04/2019	0.081 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
44	10/23/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	10/01/2019 - 10/31/2019
42	10/07/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
41	08/22/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2019 - 08/31/2019
40	08/12/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
39	06/10/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2019 - 06/30/2019
35	04/09/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
34	04/08/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
33	04/02/2019	CCR REPORT	
31	02/07/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
32	02/07/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7481.

Respectfully,



Floyd Smith, R.S.
Monitoring San

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7012 1010 0000 1527 9888**

November 26, 2019

David Eagley
AJAX COUNTRY LIVIN RV PARK WS
1115 Highway 174
Marthaville, LA 71450

Re: Class I Sanitary Survey
AJAX COUNTRY LIVIN RV PARK WS Public Water System
PWS ID LA2069033
NATCHITOCHES Parish

Dear Mr. Eagley:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 25, 2019 sanitary survey inspection of the public water supply system for AJAX COUNTRY LIVIN RV PARK WS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tiffany Roberson	LDH Engineering Region 7
Denise Eagley	Ajax Country Livin R.V. Park
David Eagley	Ajax Country Livin R.V. Park

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations: No unresolved observations were recorded in this category.

Significant Deficiencies: No observations were recorded in this category.

Deficiencies: No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Tiffany Roberson, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7867.

Respectfully,

Tiffany Roberson

Tiffany Roberson, R.S.
Chemical San

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of the Public Health

CERTIFIED MAIL: 7007 3020 0002 8525 1439

May 16, 2019

Chad Lavoie
NEW ORLEANS ALGIERS WATER WORKS
8800 South Claiborne Avenue
New Orleans, LA 70118

Re: Class I Sanitary Survey
NEW ORLEANS ALGIERS WATER WORKS Public Water System
PWS ID LA1071001
ORLEANS Parish

Dear Mr. Lavoie:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 15, 2019 sanitary survey inspection of the public water supply system for NEW ORLEANS ALGIERS WATER WORKS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Alicia Martinez	LDH OPH Engineering Services District 1
Parker Allen	LDH OPH Engineering Services Region 1
Kerry Foret	SWBNO
Chad Lavoie	SWBNO
Alton DeLarge, III	SWBNO

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/03/2017	04/14/2017	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM

Comments: During the survey the operator mentioned that hydrant meters do not have back flow prevention devices in place when the meters are used.

This arrangement creates an opportunity for water of unknown or unsanitary quality to be drawn into the water system during a low pressure event.

Hydrant meters must have back flow prevention commensurate to the degree of hazard of the application.

LAC.51:XII.343.A, "There shall be no physical connection between a public water supply and any other water supply which is not of equal sanitary quality and under an equal degree of official supervision; and there shall be no connection or arrangement by which unsafe water, hazardous fluid or contamination may enter a public water supply system."

*This deficiency has an approved corrective action plan with a due date of July 31, 2019

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/03/2017	04/14/2017	Sanitary Survey, Finished	Minor	Operator Compliance with State Requirements	Management

Comments: LAC.51:XII.309.A requires that the water plant be under the supervision and control of a certified operator with the appropriate certification level.

Certified operators at the Algiers water plant with the required certification level are putting in a significant amount of overtime to meet state requirements.

A large portion of the operators which hold the appropriate certification level are nearing retirement.

Both the Algiers and Carrollton water treatment plants have key management positions unfilled such as water purification superintendents and water purification superintendent assistants.

SWBNO shall develop and implement a plan to recruit, train, and retain employees.

LAC.48:V.21.7303.C, "Systems operating multiple shifts are required to have a minimum of one certified operator present on each shift. Exact numbers of certified operators required may bedetermined by the committee of certification."

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ALGIERS TOWER	Finished Water Storage	Overflow at Algiers Tank does not face downward or have a flapper. LAC 51:XII.337.C - Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Adequate information regarding the current status of the system's cross-connection control program was not provided during the sanitary survey. It was indicated through discussion that the program is understaffed and could not annually field test backflow prevention devices located within the distribution system to ensure such devices are continuing to provide backflow protection. LAC 51:XII.344 - Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND AT PLANT	Finished Water Storage	Hatch for clearwell is flush with the floor, does not overlap a framed opening and extend down around the frame at least two inches. Hatch is bolted and gasketed, but not regularly inspected for water tightness. LAC 51:XII.337.A - All cisterns and storage tanks shall be of watertight construction and made of concrete, steel or other materials approved for this purpose by the state health officer. When located wholly or partly below ground, such storage basins shall be corrosion resistant materials.

		LAC 51:XII. 225.2.b. - Each manhole shall be fitted with a solid water tight cover which overlaps a framed opening and extends down around the frame at least two inches. The frame shall be at least four inches high. Each cover shall be hinged on one side, and shall have a locking device **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
Management	Operator Compliance with State Requirements	A gap exists in the management structure. No one person is in control of the all aspects of the water treatment plant. LAC 51:XII.309.A - All public water supplies shall be under the supervision and control of a duly certified operator as per requirements of the State Operator Certification Act, Act 538 of 1972, as amended.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	When pressure falls below 20 psi during line breaks or routine maintenance, water is tested by the water system to insure there is no bacteriological contamination, however, customers affected are not notified they are under a boil water advisory until the samples have cleared. LAC 51:XII.237.A - The system shall be designed to maintain a minimum pressure of 20 psig (140 kPa) at ground level at all points in the distribution system under all conditions of flow.
FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER TREATMENT PLANT	Treatment	Ferric Sulfate chemical feed equipment building is located within the secondary containment structure. In case of an overflow, there would be no way to access the chemical feed equipment without going into secondary containment area. Chemical feed equipment shall be readily accessible for servicing, repair, and observation or operation, should be located in a separate room where required to reduce hazards and dust problems, and should be conveniently located near points of application to minimize length of feed lines. **See Attachment #3**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER TREATMENT PLANT	Treatment	The carbon storage vent does not have a #24 mesh screen. .

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Metro Region I
Attn: Alicia Martinez, P.E
1450 Poydras Street, Suite 1825, Benson Towers
New Orleans, Louisiana 70112

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
1810180	Routine	10/22/2018			2.300
1808172	Routine	8/20/2018			2.300

1806039	Routine	6/6/2018			2.800
1806040	Routine	6/6/2018			3.000

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
622	01/25/2019	INADEQUATE DBP PRECURSOR REMOVAL	10/01/2018 - 12/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 504-599-1564.

Respectfully,

Alicia Martinez

Alicia Martinez, P.E.
District 1 Engineer
LDH/OPH, Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering
John Williams, Deputy Chief Engineer
Parker Allen, Region 1 Engineer Intern

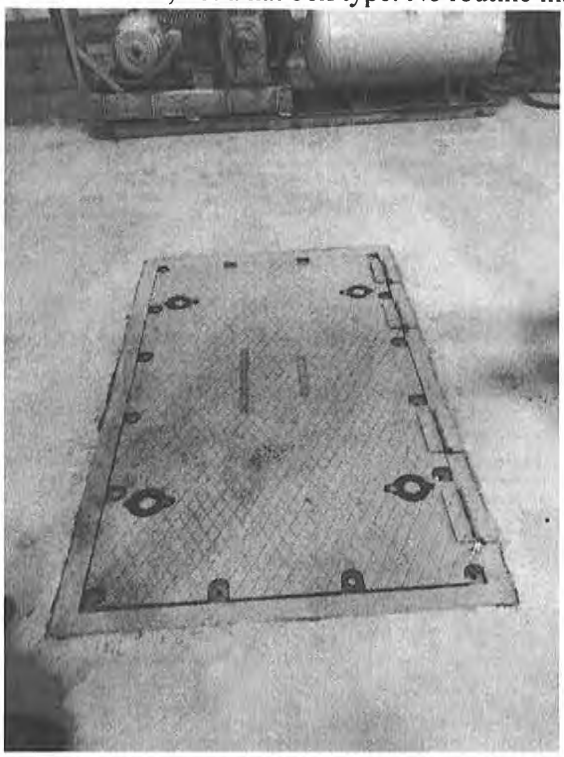
ATTACHMENT #1

Elevated Storage Tank Overflow does not face downward or have a flapper.



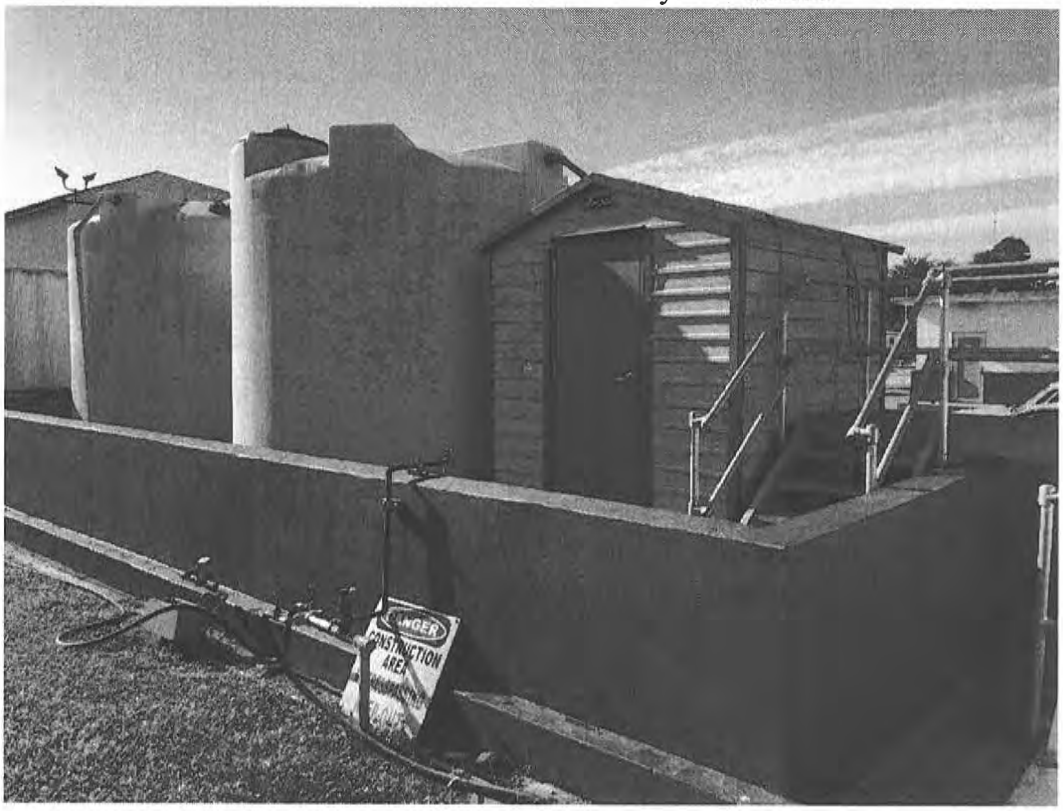
ATTACHMENT #2

Hatch is flush, not a hat box type. No routine inspection.



ATTACHMENT #3

Ferric Sulfate Chemical Feed is located within secondary containment.



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7007 0710 0005 6247 9599

December 11, 2019

Robert Turner
SWBNO, General Superintendent
8800 S. Claiborne Ave, Room 100
New Orleans, LA 70118

Re: Class I Sanitary Survey
New Orleans Carrolton WW Public Water System
PWS ID LA1071009
Orleans Parish

Dear Mr. Turner:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the December 6, 2019 sanitary survey inspection of the public water supply system for NEW ORLEANS CARROLLTON WW (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Parker Allen	LDH-OPH-Engineering Services Region 1
Alicia Martinez	LDH-OPH-Engineering Services District 1
Brent Bouy	LDH-OPH-Engineering Services Region 4
Dillan Crawford	LDH-OPH-Engineering Services Region 4
Chad Lavoie	SWBNO, Water Purification Superintendent
Alton Delarge, III	SWBNO, Assistant Water Purification Superintendent

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or

malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
01/31/2019	02/13/2019	Cross Connection Inspection/Investigation	Significant	Finished Water Storage	Management

Comments: LAC 51:XII.343.A, No Physical Connection with Non-Potable Source - There shall be no physical connection between a public water supply and any other water supply which is not of equal sanitary quality and under an equal degree of official supervision, and there shall be no connection or arrangement by which unsafe water may enter a public water supply system.; LAC 51:XII.345.A. There shall be no cross-connection, auxiliary intake, bypass, inter-connection or other arrangement, including overhead leakage, whereby water from a source that does not comply with these regulations may be discharged or drawn into any potable water supply which does comply with these requirements. The use of valves, including check or back pressure valves, is not considered protection against return flow, or back-siphonage, or for the prevention of flow of water from an unapproved source into an approved system.

*This deficiency has an approved corrective action plan with a deadline of 8/13/2020.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/03/2017	12/05/2017	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM

Comments: Adequate information regarding the current status of the system's cross-connection control program was not provided during the sanitary survey. It was indicated through discussion that the program is understaffed and could not annually field test backflow prevention devices located within the distribution system and at the plant to ensure such devices are continuing to provide backflow protection. Hydrant meters do not have back flow prevention devices in place when the meters are in use. This arrangement creates an opportunity for water of unknown or unsanitary quality to be drawn into the water system during a low pressure event. Hydrant meters must have back flow prevention commensurate to the degree of hazard of the application. LAC 51:XII.343.A - There shall be no physical connection between a public water supply and any other water supply which is not of equal sanitary quality and under an equal degree of official supervision, and there shall be no connection or arrangement by which unsafe water may enter a public water supply system.

*This deficiency has an approved corrective action plan with a deadline of 2/29/2020.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/03/2017	12/05/2017	Sanitary Survey, Finished	Significant	Other	Management

Comments: Flocculation and sedimentation basins were observed to have numerous leaks into adjacent basins, which were empty for maintenance. All potable water systems shall be designed, constructed and maintained so as to prevent leakage of water due to defective materials, improper jointing, corrosion, settling, impacts, freezing, or other causes.

*This deficiency has an approved corrective action plan with a deadline of 4/30/2020.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/03/2017	12/05/2017	Sanitary Survey, Finished	Minor	Operator Compliance with State Requirements	Management

Comments: Certified operators at the Carrollton water plant with the required certification levels are putting in a significant amount of overtime to meet state requirements. A large portion of the operators which hold the appropriate certification levels are nearing retirement. The SWBNO shall develop and implement a plan to recruit, train, and retain qualified employees. LAC 48:V.21.7303.B - The Operator of any public water system or any community sewerage system shall hold current and valid professional certification(s) of the required category(s) at or above the level required for the total system and individual facility. Additionally, an operator shall demonstrate that, when not actually on site at the facility, he is capable of responding to that location within one hour of being notified that his presence is needed.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/03/2017	12/05/2017	Sanitary Survey, Finished	Minor	Treatment	TP001-SURFACE WATER TREATMENT PLANT

Comments: Polymer tank and fluoride day tank do not have spill containment. Liquid chemical storage tanks must have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge. Solution tanks shall be located and protective curbings provided so that chemicals from equipment failure, spillage or accidental drainage shall not enter the water in conduits, treatment or storage basins.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/07/2014	01/07/2015	Sanitary Survey, Finished	Minor	Treatment	TP001-SURFACE WATER TREATMENT PLANT

Comments: Fluoride pumps are not electrically connected to the surface water pumps. The electrical outlet used for the fluoride feed pump should have a nonstandard receptacle and shall be interconnected with the service pump.

Visit Date	Notify Date	Reason	Severity	Category	Facility
01/12/2012	02/26/2012	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-4 MG CONCRETE AT PLANT

Comments: Standing water is collecting around the base of several of the 3.3 MG steel and 4.0 MG concrete ground storage tanks. The source of the standing water need to be identified and mitigated.

**12/6/2019 – The source of the standing water has since been identified as coming from the defunct sedimentation basins that are used a as a retention pond for sedimentation removed from the chlorine contact basins. There are currently projects in the design phase that will address the original deficiency.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
CH001 – SYCAMORE FILTER COMMON HEADER	Finished Water Storage	The 30 diameter, 100+ year old cast iron, settled water common header serving Sycamore filters 1-10 is badly corroded. Based on the degree of corrosion observed, there is a risk of catastrophic failure of the header pipe. Action shall be taken to prevent the failure of the header pipe from affecting plant performance. **See attachment #1.** LAC 51:XII.319.D.24, Critical System Component - Critical water system component is in poor condition or defective and indicative of failure or imminent failure. Component failure is expected to critically impact the quality and/or quantity of produced water.
FACILITY	CATEGORY	FINDINGS
Distribution	Other	There is a significant leak present in the area surrounding the Michoud Tower that appears to be coming from the water line feeding the storage tank. A pool is forming around what appears to be an excavated hole in the ground, which was left abandoned. The source of the leak shall be identified, and the hole shall be filled and leveled. **See attachment #2.** LAC 51:XII.319.25 - All potable water systems shall be designed, constructed, and maintained so as to prevent leakage of water due to defective materials, improper jointing, corrosion, settling, impacts, freezing, or other causes. Valves and blow-offs shall be provided so that necessary repairs can be made with a minimum interruption of service.
FACILITY	CATEGORY	FINDINGS
Management	Other	The Sycamore filter gallery currently has 10 filters out of service; five of the ten are in the wing that serves filters #1-10. Due to the critical nature of the common header feeding the filters #1-10, those filters will not be placed back into service. This raises concerns about the plant's ability to meet the demand of the system. There shall be justification for not returning the filters to service, as well as documentation on how the plant will operate without the use of filters #1-10.

		LAC 51:XII.105.A - No public water supply shall be constructed, operated or modified to the extent that the capacity, hydraulic conditions, functioning of treatment processes, or the quality of finished water is affected, without, and except in accordance with, a permit from the state health officer.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - VENETIAN ISLES 2.0 MG	Finished Water Storage	The Michoud Tower overflow is not elevated off of the ground, does not open downward, and does not have a four mesh screen. The overflow shall be raised, and have a screen and flapper installed. **See attachment #3.** LAC 51:XXI.225.I.1 - All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. No overflow may be connected directly to a sewer or a storm drain. All overflow pipes shall be located so that any discharge is visible. LAC 51:XII.225.I.2.C - The overflow for an elevated tank shall open downward and be screened with a four mesh, non- corrodible screen to keep out animals or insects. The screen should be installed within the overflow pipe at a location least susceptible to damage by vandalism.
FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER TREATMENT PLANT	Treatment	The vent on the bulk storage tank for the fluorosilicic acid does not have a 24-mesh screen. The vent shall have a corrosion resistant 24-mesh screen installed. LAC 51:209.G. 1.C - Unsealed storage units for fluorosilicic acid should be vented to the atmosphere at a point outside any building. The vents to atmosphere shall be provided with a corrosion resistant 24 mesh screen.
FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER TREATMENT PLANT	Treatment	The polymer, ferric, and phosphate are being supplied directly from their respective bulk storage tanks. When bulk storage tanks are used to directly dose chemical solutions, overfeed protection shall be provided to effectively eliminate the potential for back-siphonage. LAC 51:XII.203.K.1 - An LDH-approved overfeed process control and/or procedure shall be provided for liquid chemical feeds. The process control and/or

		procedure must be in addition to the requirements of 203.E (siphon control) of this Part. When day tanks are used for overfeed protection, day tanks shall meet requirements of 203.K.3 of this Part.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
SE001 - G3 SEDIMENTATION BASIN	Treatment	There is currently a single sludge return line that is used to facilitate solids removal for the plant. This single line is used by the sedimentation basins, the chlorine contact basins, and the defunct sedimentation basins that are currently used as a retention pond. This return line represents a single point of failure for the normal operation of the water plant. Sludge removal is a crucial operation for maintaining the quality of the finished water, specifically for the removal of turbidity that is required by the State code. There are plans by SWBNO to eliminate the retention pond and repurpose the space for an electrical substation. With the current design, there is no way of removing sediment from the sedimentation basins and the chlorine contact basins simultaneously. The elimination of the retention pond and the limitation of a single sludge return line may result in an inability to remove sludge from the water treatment plant. An engineering solution should be devised and implemented before the removal of the retention pond. The failure to address this issue may result in a significant deficiency if the quality of the water produced by this plant is affected.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	Consideration must be given to the safety of water plant personnel and visitors. Items to be considered include noise arresters, noise protection, confined space entry, protective equipment and clothing, and handrails and guards.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Metro Region I
Attn: Parker Allen,
1450 Poydras Street, Suite 1827, Benson Towers
New Orleans, Louisiana 70112

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
1910023	Routine	10/2/2019			3.000
1907107	Routine	7/17/2019			2.100
1907110	Routine	7/17/2019			1.900
1907074	Routine	7/11/2019			2.900
1907047	Routine	7/9/2019			2.600
1904189	Routine	4/25/2019			3.600
1903081	Routine	3/14/2019			3.700
1812178	Routine	12/20/2018			3.300
1812122	Repeat	12/13/2018			4.200
1812085	Routine	12/12/2018			4.200
1812087	Routine	12/12/2018			4.100
1812091	Routine	12/12/2018			4.200
1812073	Routine	12/11/2018			4.000
1812074	Routine	12/11/2018			3.900

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 504-599-0140.

Respectfully,

Parker Allen, E.I.

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments

Attachment #1

Severity: Significant

Facility ID: CH001 – SYCAMORE FILTER COMMON HEADER

Category: Finished Water Storage

Attachment Comments: The header pipe shall be replaced, or bypassed if possible, or the filters being fed by the header shall be decommissioned. The remaining out-of-service filters in the Sycamore filter gallery must be immediately rehabbed and returned to service in order to meet the demands of the system, should the water header fail.



Attachment #2

Severity: Significant

Facility ID: Distribution

Category: Other

Attachment Comments: A pool is forming around what appears to be an excavated hole in the ground, which was left abandoned. The tank is located at an extremity of the distribution system, where chlorine residuals are their lowest, which puts this leak at heightened risk of contamination from bacteria intrusion. The source of the leak shall be identified, and the hole shall be filled and leveled.



Attachment #3

Severity: Minor

Facility ID: EL001 - VENETIAN ISLES 2.0 MG

Category: Finished Water Storage

Attachment Comments: The Michoud Tower overflow is not elevated off of the ground, does not open downward, and does not have a four mesh screen. The overflow shall be raised, and have a screen and flapper installed.



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana
Department of Health
Office of Public Health

CERTIFIED MAIL: 7014 2870 0001 2187 1067

August 22, 2019

John E Guidry
PNO CRUISE TERMINALS
1350 Port Of New Orleans Place
New Orleans, LA 70130

Re: Class I Sanitary Survey
PNO CRUISE TERMINALS Public Water System
PWSID LA2071117
Orleans Parish

Dear Mr. Guidry:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 26, 2019 sanitary survey inspection of the public water supply system for PNO CRUISE TERMINALS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Melissa Favorth	LDH Engineering District 1
Parker Allen	LDH Engineering District 1
Ryan G Bylsma	Port Of New Orleans
Alicia Martinez	LDH Engineering District 1

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing.

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/13/2014	12/30/2014	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: The facility lacks a cross-connection control program (CCP). In developing the CCP perform a CCP survey of the facility using personnel knowledgeable about commercial and industrial potential cross-connections as well as general industrial uses for both potable and process water. It is strongly recommended that surveyors have successfully completed a third-party certification program. Certification programs typically require training and/or experience and a certification exam. Two such certification programs are offered through The University of Southern California (USC) and the University of Florida (UF). Where water is delivered directly to vessels for any purpose a reduced-pressure principle backflow-prevention assembly must be installed at the pier hydrants. All master meters (system point of entry) shall be provided appropriate protection. Once all cross-connection control hazards are identified ensure appropriate protective devices are in place and are checked and tested in accordance with LAC 51:XIV.609.F. For guidance on establishing a CCP please refer to EPA's Cross-Connection Control Manual (EPA 816-R-03-002, February 2003) and AWWA's Recommended Practice for Backflow Prevention and Cross-Connection Control, M14. This deficiency has an approved corrective action plan with a due date of July 31, 2019.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	LAC 51:XII.903.B - The water supply must provide suitable taps which draw water directly from the mains or the service lines. Such taps provide for samples which are most representative of the quality of water provided without "interference" which may be caused by plumbing problems within residences or other structures. Use of such taps decreases the chance of "bad samples" resulting in a coliform maximum contaminant level (MCL) violation which requires public notification by the public water supply and an administrative enforcement action by

		the EPA/DHH against the public water supply. The water system does not have smooth nozzle taps. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

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Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Metro Region I
Attn: Melissa Favorth, R.S.
1450 Poydras Street, Suite 1826, Benson Towers
New Orleans, Louisiana 70112

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
6	03/08/2019	CHLORINE	02/01/2019 - 02/28/2019

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 504-599-0142.

Respectfully,

Melissa Favorth, R.S.
Dist. Compliance D1

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachment #1

Severity: Minor

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Sample tap



Office of Public Health ▪ Metropolitan Region I

1450 Poydras Street, Suite 1826 ▪ New Orleans, Louisiana 70112

Phone #: 504-599-0100 ▪ Fax #: 504-599-0200 ▪ www.ldh.la.gov
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John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana
Department of Health
Office of Public Health

CERTIFIED MAIL: 7014 2870 0001 2187 1036

August 22, 2019

John E Guidry
PNO UPTOWN FACILITIES
1350 Port Of New Orleans Place
New Orleans, LA 70130

Re: Class I Sanitary Survey
PNO UPTOWN FACILITIES Public Water System
PWS ID LA2071118
ORLEANS Parish

Dear Mr. Guidry:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 26, 2019 sanitary survey inspection of the public water supply system for PNO UPTOWN FACILITIES (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

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Comments: The facility lacks a cross-connection control program (CCP). In developing the CCP perform a CCP survey of the facility using personnel knowledgeable about commercial and industrial potential cross-connections as well as general industrial uses for both potable and process water. It is strongly recommended that surveyors have successfully completed a third-party certification program. Certification programs typically require training and/or experience and a certification exam. Two such certification programs are offered through The University of Southern California (USC) and the University of Florida (UF). Where water is delivered directly to vessels for any purpose a reduced-pressure principle backflow-prevention assembly must be installed at the pier hydrants. All master meters (system point of entry) shall be provided appropriate protection. Once all cross-connection control hazards are identified ensure appropriate protective devices are in place and are checked and tested in accordance with LAC 51:XIV.609.F. For guidance on establishing a CCP please refer to EPA's Cross-Connection Control Manual (EPA 816-R-03-002, February 2003) and AWWA's Recommended Practice for Backflow Prevention and Cross-Connection Control, M14.

This deficiency has an approved corrective action plan with a due date of July 31, 2019.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	LAC 51:XII.903.B - The water supply must provide suitable taps which draw water directly from the mains or the service lines. Such taps provide for samples which are most representative of the quality of water provided without "interference" which may be caused by plumbing problems within residences or other structures. Use of such taps decreases the chance of "bad samples" resulting in a coliform maximum contaminant level (MCL) violation which requires public notification by the public water supply and an administrative enforcement action by

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1450 Poydras Street, Suite 1826, Benson Towers
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Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
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Maximum Contaminant Level (MCL) Violations during the past year

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Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 504-599-0142.

Respectfully,

Melissa Favorth, R.S.
Dist. Compliance D1

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Office of Public Health ▪ Metropolitan Region I

1450 Poydras Street, Suite 1826 ▪ New Orleans, Louisiana 70112

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John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana
Department of Health
Office of Public Health

CERTIFIED MAIL: 7014 2870 0001 2187 1098

August 22, 2019

John E Guidry
PNO LOUISIANA NEXT COTTON WAREHOUSE
1350 Port Of New Orleans Place
New Orleans, LA 70130

Re: Class I Sanitary Survey
PNO LOUISIANA NEXT COTTON WAREHOUSE Public Water System
PWS ID LA2071119
ORLEANS Parish

Dear Mr. Guidry:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 26, 2019 sanitary survey inspection of the public water supply system for PNO LOUISIANA NEXT COTTON WAREHOUSE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Melissa Favorth	LDH Engineering District 1
Parker Allen	LDH Engineering District 1
Ryan G Bylsma	Port Of New Orleans
Alicia Martinez	LDH Engineering District 1

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing,

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/13/2014	12/30/2014	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM

Comments: The facility lacks a cross-connection control program (CCP). In developing the CCP perform a CCP survey of the facility using personnel knowledgeable about commercial and industrial potential cross-connections as well as general industrial uses for both potable and process water. It is strongly recommended that surveyors have successfully completed a third-party certification program. Certification programs typically require training and/or experience and a certification exam. Two such certification programs are offered through The University of Southern California (USC) and the University of Florida (UF). Where water is delivered directly to vessels for any purpose a reduced-pressure principle backflow-prevention assembly must be installed at the pier hydrants. All master meters (system point of entry) shall be provided appropriate protection. Once all cross-connection control hazards are identified ensure appropriate protective devices are in place and are checked and tested in accordance with LAC 51:XIV.609.F. For guidance on establishing a CCP please refer to EPA's Cross-Connection Control Manual (EPA 816-R-03-002, February 2003) and AWWA's Recommended Practice for Backflow Prevention and Cross-Connection Control, M14.

This is deficiency has an approved corrective action plan with a due date of July 31, 2019.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	LAC 51:XII.903.B - The water supply must provide suitable taps which draw water directly from the mains or the service lines. Such taps provide for samples which are most representative of the quality of water provided without "interference" which may be caused by plumbing problems within residences or other structures. Use of such taps decreases the chance of "bad samples" resulting in a coliform maximum contaminant level (MCL) violation which requires public notification by the public water supply and an administrative enforcement action by the EPA/DHH against the public water supply.

		The water system does not have a smooth nozzle tap. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Metro Region I
Attn: Melissa Favorth, R.S.
1450 Poydras Street, Suite 1826, Benson Towers
New Orleans, Louisiana 70112

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
8	03/08/2019	CHLORINE	02/01/2019 - 02/28/2019

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

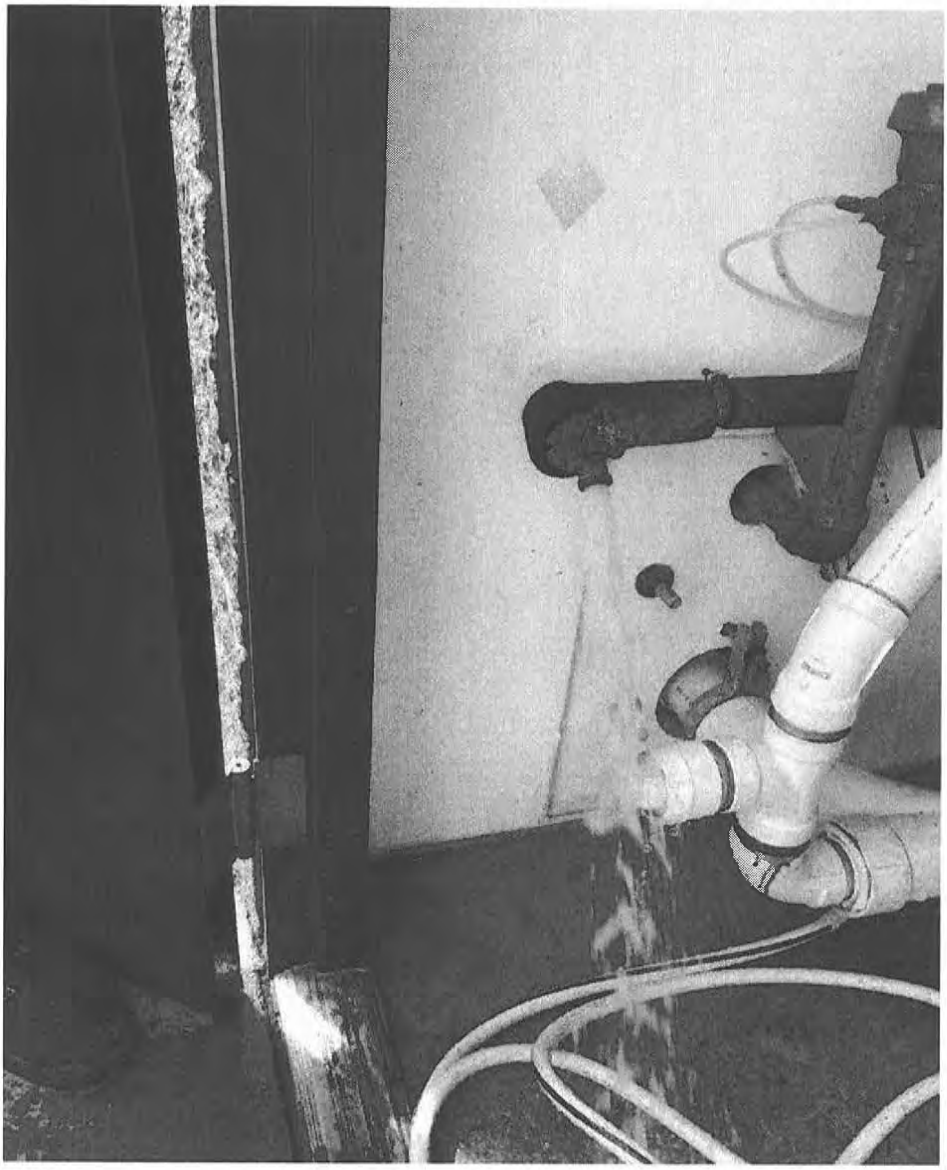
No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 504-599-0142.

Respectfully,

Melissa Favorth, R.S.
Dist. Compliance D1

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering



Attachment #1

Severity: Minor

Facility ID: DS0950

Category: Distribution System

Attachment Comments: Sample tap

Office of Public Health ▪ Metropolitan Region I

1450 Poydras Street, Suite 1826 ▪ New Orleans, Louisiana 70112

Phone #: 504-599-0100 ▪ Fax #: 504-599-0200 ▪ www.ldh.la.gov
"An Equal Opportunity Employer"

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7014 2870 0001 2187 1050

August 22, 2019

John E Guidry
PNO ALABO STREET WHARF
1350 Port Of New Orleans Place
New Orleans, LA 70130

Re: Class I Sanitary Survey
PNO ALABO STREET WHARF Public Water System
PWS ID LA2071120
ORLEANS Parish

Dear Mr. Guidry:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 26, 2019 sanitary survey inspection of the public water supply system for PNO ALABO STREET WHARF (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Parker Allen	LDH Engineering District 1
Ryan G Bylsma	Port Of New Orleans
Melissa Favorth	LDH Engineering District 1
Alicia Martinez	LDH Engineering District 1

NOTICE OF VIOLATIONS

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or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/13/2014	12/30/2014	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM

Comments: The facility lacks a cross-connection control program (CCP). In developing the CCP perform a CCP survey of the facility using personnel knowledgeable about commercial and industrial potential cross-connections as well as general industrial uses for both potable and process water. It is strongly recommended that surveyors have successfully completed a third-party certification program. Certification programs typically require training and/or experience and a certification exam. Two such certification programs are offered through The University of Southern California (USC) and the University of Florida (UF). Where water is delivered directly to vessels for any purpose a reduced-pressure principle backflow-prevention assembly must be installed at the pier hydrants. All master meters (system point of entry) shall be provided appropriate protection. Once all cross-connection control hazards are identified ensure appropriate protective devices are in place and are checked and tested in accordance with LAC 51:XIV.609.F. For guidance on establishing a CCP please refer to EPA's Cross-Connection Control Manual (EPA 816-R-03-002, February 2003) and AWWA's Recommended Practice for Backflow Prevention and Cross-Connection Control, M14.

This deficiency has an approved corrective action plan with a due date of July 31, 2019.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be

performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	It is suggested that a better identification system be put in place to help identify sample tap from other fixtures. This could include labels or other identifying markers.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	It was noted that with more than one sample tap open, the system may experience water pressure of less than 20 psi. The Alabo Wharf system has part of its distribution system out of service due to a main break, which may be affecting the water pressure. It should be investigated whether or not this problem can be mitigated with an engineering solution.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Metro Region I
Attn: Parker Allen,
1450 Poydras Street, Suite 1827, Benson Towers
New Orleans, Louisiana 70112

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period

13	03/08/2019	CHLORINE	02/01/2019 - 02/28/2019

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 504-599-0140.

Respectfully,

Parker Allen,

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

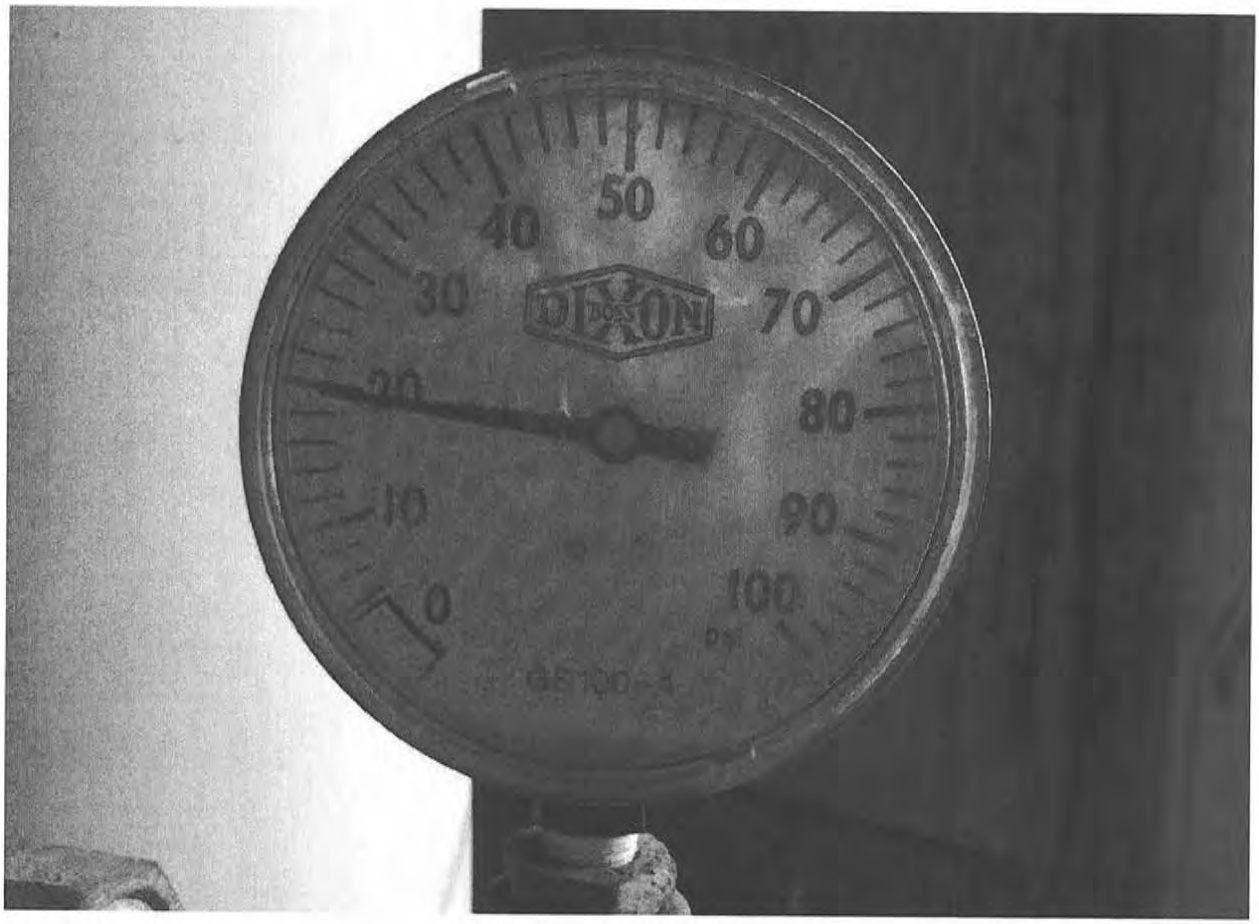
Attachment #1

Severity: Recommendation

Facility ID: DS0950

Category: Distribution System

Attachment Comments: It is suggested that a better identification system be put in place to help identify sample tap from other fixtures. This could include labels or other identifying markers.



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana
Department of Health
Office of Public Health

CERTIFIED MAIL: 7014 2870 0001 2187 1043

August 22, 2019

John E Guidry
PNO 3401 JOURDAN ROAD
1350 Port Of New Orleans Place
New Orleans, LA 70130

Re: Class I Sanitary Survey
PNO 3401 JOURDAN ROAD Public Water System
PWS ID LA2071121
ORLEANS Parish

Dear Mr. Guidry:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 26, 2019 sanitary survey inspection of the public water supply system for PNO 3401 JOURDAN ROAD (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Melissa Favorth	LDH Engineering District 1
Parker Allen	LDH Engineering District 1
Ryan G Bylsma	Port Of New Orleans
Alicia Martinez	LDH Engineering District 1

NOTICE OF VIOLATIONS

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or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/13/2014	12/30/2014	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM

Comments: The facility lacks a cross-connection control program (CCP). In developing the CCP perform a CCP survey of the facility using personnel knowledgable about commercial and industrial potential cross-connections as well as general industrial uses for both potable and process water. It is strongly recommended that surveyors have successfully completed a third-party certification program. Certification programs typically require training and/or experience and a certification exam. Two such certification programs are offered through The University of Southern California (USC) and the University of Florida (UF). Where water is delivered directly to vessels for any purpose a reduced-pressure principle backflow-prevention assembly must be installed at the pier hydrants. All master meters (system point of entry) shall be provided appropriate protection. Once all cross-connection control hazards are identified ensure appropriate protective devices are in place and are checked and tested in accordance with LAC 51:XIV.609.F. For guidance on establishing a CCP please refer to EPA's Cross-Connection Control Manual (EPA 816-R-03-002, February 2003) and AWWA's Recommended Practice for Backflow Prevention and Cross-Connection Control, M14.

This deficiency has an approved corrective action plan with a due date of July 31, 2019.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	LAC 51:XII.903.B - The water supply must provide suitable taps which draw water directly from the mains or the service lines. Such taps provide for samples which are most representative of the quality of water provided without "interference" which may be caused by plumbing problems within residences or other structures. Use of such taps decreases the chance of "bad samples" resulting in a coliform maximum contaminant level (MCL) violation which requires public notification by the public water supply and an administrative enforcement action by the EPA/DHH against the public water supply.

		The water system does not have smooth nozzle taps. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

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Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Metro Region I
Attn: Melissa Favorth, R.S.
1450 Poydras Street, Suite 1826, Benson Towers
New Orleans, Louisiana 70112

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
11	03/08/2019	CHLORINE	02/01/2019 - 02/28/2019

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 504-599-0142.

Respectfully,

Melissa Favorth, R.S.
Dist. Compliance D1

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering



Attachment #1

Severity: Minor

Facility ID: DS0950

Category: Distribution System

Attachment Comments: Sample tap

Office of Public Health ▪ Metropolitan Region I

1450 Poydras Street, Suite 1826 ▪ New Orleans, Louisiana 70112

Phone #: 504-599-0100 ▪ Fax #: 504-599-0200 ▪ www.ldh.la.gov
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John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana
Department of Health
Office of Public Health

CERTIFIED MAIL: 7014 2870 0001 2187 1104

August 22, 2019

John E Guidry
PNO HARMONY ST. WHARF
1350 Port Of New Orleans Place
New Orleans, LA 70130

Re: Class I Sanitary Survey
PNO HARMONY ST. WHARF Public Water System
PWS ID LA2071122
ORLEANS Parish

Dear Mr. Guidry:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 26, 2019 sanitary survey inspection of the public water supply system for PNO HARMONY ST. WHARF (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Melissa Favorth	LDH Engineering District 1
Parker Allen	LDH Engineering Region 1
Ryan G Bylsma	Port Of New Orleans
Alicia Martinez	LDH Engineering District 1

NOTICE OF VIOLATIONS

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The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/13/2014	12/30/2014	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM

Comments: The facility lacks a cross-connection control program (CCP). In developing the CCP perform a CCP survey of the facility using personnel knowledgeable about commercial and industrial potential cross-connections as well as general industrial uses for both potable and process water. It is strongly recommended that surveyors have successfully completed a third-party certification program. Certification programs typically require training and/or experience and a certification exam. Two such certification programs are offered through The University of Southern California (USC) and the University of Florida (UF). Where water is delivered directly to vessels for any purpose a reduced-pressure principle backflow-prevention assembly must be installed at the pier hydrants. All master meters (system point of entry) shall be provided appropriate protection. Once all cross-connection control hazards are identified ensure appropriate protective devices are in place and are checked and tested in accordance with LAC 51:XIV.609.F. For guidance on establishing a CCP please refer to EPA's Cross-Connection Control Manual (EPA 816-R-03-002, February 2003) and AWWA's Recommended Practice for Backflow Prevention and Cross-Connection Control, M14.

This deficiency has an approved corrective action plan with a due date of July 31, 2019.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	LAC 51:XII.903.B - The water supply must provide suitable taps which draw water directly from the mains or the service lines. Such taps provide for samples which are most representative of the quality of water provided without "interference" which may be caused by plumbing problems within residences or other structures. Use of such taps decreases the chance of "bad samples" resulting in a coliform maximum contaminant level (MCL) violation which requires public notification by the public water supply and an administrative enforcement action by the EPA/DHH against the public water supply.

		The water system does not have smooth nozzle taps. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

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Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Metro Region I
Attn: Melissa Favorth, R.S.
1450 Poydras Street, Suite 1273, Benson Towers
New Orleans, Louisiana 70112

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
8	03/08/2019	CHLORINE	02/01/2019 - 02/28/2019

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 504-599-0142.

Respectfully,

Melissa Favorth, R.S.
Dist. Compliance D1

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering



Attachment #1

Severity: Minor

Facility ID: DS0950

Category: Distribution System

Attachment Comments: Sample tap

Office of Public Health ▪ Metropolitan Region I

1450 Poydras Street, Suite 1826 ▪ New Orleans, Louisiana 70112

Phone #: 504-599-0100 ▪ Fax #: 504-599-0200 ▪ www.ldh.la.gov
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John Bel Edwards
GOVERNOR



Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana
Department of Health
Office of Public Health

CERTIFIED MAIL: 7014 2870 0001 2187 1081

August 22, 2019

John E Guidry
PNO ELAINE STREET WHARF
1350 Port Of New Orleans Place
New Orleans, LA 70130

Re: Class I Sanitary Survey
PNO ELAINE STREET WHARF Public Water System
PWS ID LA2071125
ORLEANS Parish

Dear Mr. Guidry:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 26, 2019 sanitary survey inspection of the public water supply system for PNO ELAINE STREET WHARF (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Melissa Favorth	LDH Engineering District 1
Parker Allen	LDH Engineering District 1
Ryan G Bylsma	Port Of New Orleans
Alicia Martinez	LDH Engineering District 1

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This deficiency has an approved corrective action plan with a due date of July 31, 2019.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	LAC 51:XII.903.B - The water supply must provide suitable taps which draw water directly from the mains or the service lines. Such taps provide for samples which are most representative of the quality of water provided without "interference" which may be caused by plumbing problems within residences or other structures. Use of such taps decreases the chance of "bad samples" resulting in a coliform maximum contaminant level (MCL) violation which requires public notification by the public water supply and an administrative enforcement action by the EPA/DHH against the public water supply.

		The water does not have smooth nozzle taps. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Metro Region I
Attn: Melissa Favorth, R.S.
1450 Poydras Street, Suite 1826, Benson Towers
New Orleans, Louisiana 70112

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
8	03/08/2019	CHLORINE	02/01/2019 - 02/28/2019

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

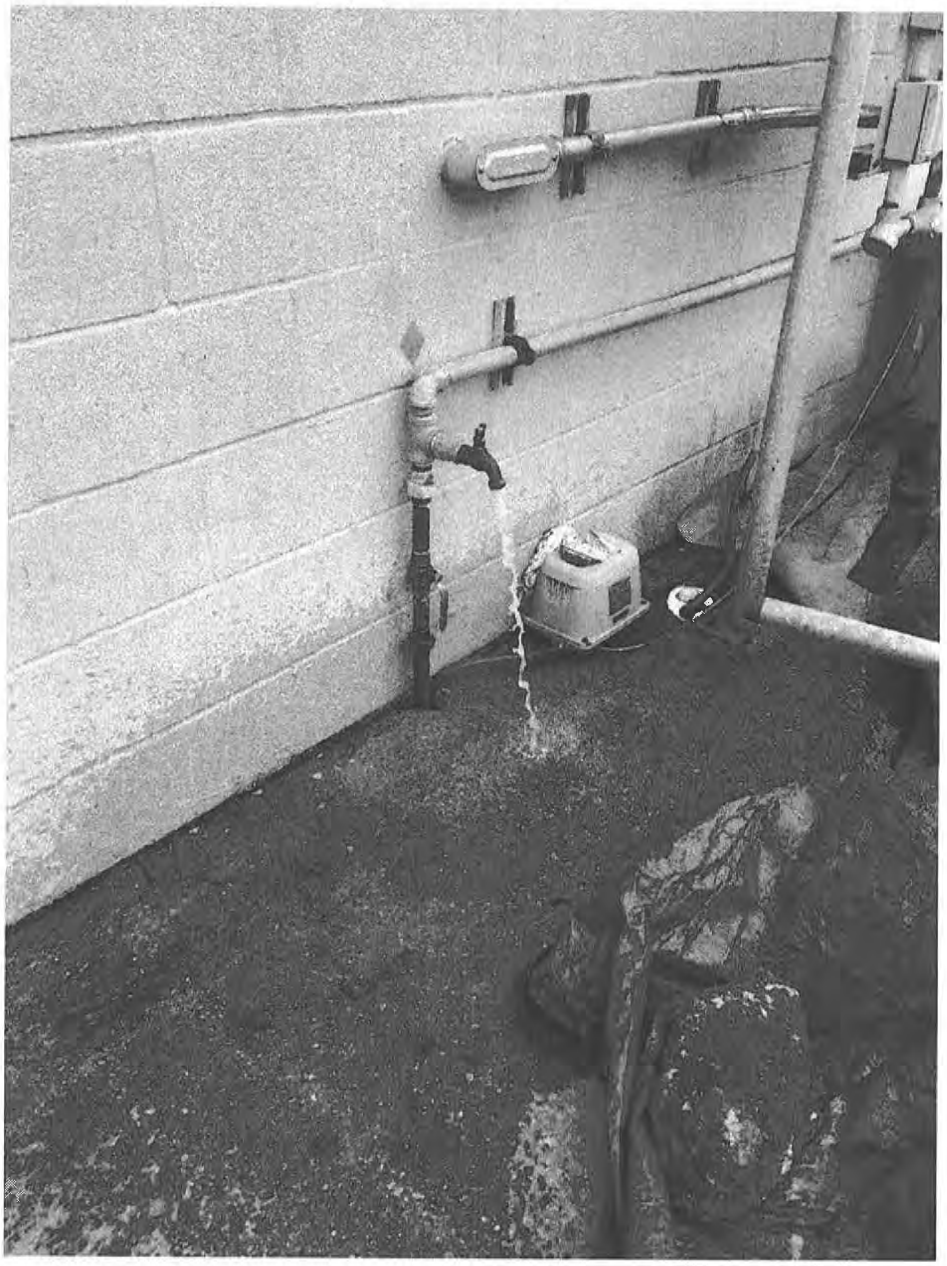
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 504-599-0142.

Respectfully,

Melissa Favorth, R.S.
Dist. Compliance D1

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: None

Facility ID: PURCHASED FROM LA1071009 CARROLLTON

Category: Source

Attachment Comments: Sample tap

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7014 1820 0002 2150 9547

November 21, 2019

Mr. Bobby McNease, President
Better Waterworks Water System
P O Box 1257
West Monroe, LA 71294

Re: Class I Sanitary Survey
Better Waterworks Water System Public Water System
PWS ID LA1073003
OUACHITA Parish

Dear Mr. McNease:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 6, 2019 sanitary survey inspection of the public water supply system for Better Waterworks Water System (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
Camille Mize	Northeast Louisiana Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/01/2016	12/01/2016	Formal Enforcement	Minor	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: It was noted the valve box for the interconnection to the City of Monroe water systems was filled with water. Remove water from meter box for the interconnection.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	At the time of the inspection the screen in the overflow of the elevated tank adjacent to Lakeway Apartments appeared to be not securely attached and the terminal end of the overflow pipe and the end of the pipe was showing signs of corrosion. Scrape and painting the terminal end of the overflow pipe and securely attach the twenty-four mesh non-corrodible screen behind the flapper valve. **Attachment #1**
FACILITY	CATEGORY	FINDINGS
1073003-002 - WELL 2	Source	At the time of the inspection, rust was noted on the piping of the upper terminal of well 2. Scrape and paint the rusted piping of the upper terminal of well 2. **Attachment #2**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
P O Box 6118
Monroe LA 71211-6118

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
08/29/2019	0.125 MG/L	0.080 MG/L	TTHM	07/01/2019 - 09/30/2019
08/29/2019	0.131 MG/L	0.080 MG/L	TTHM	07/01/2019 - 09/30/2019
06/07/2019	0.215 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
06/07/2019	0.200 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
02/22/2019	0.063 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
02/22/2019	0.064 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019

02/22/2019	0.298 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
02/22/2019	0.293 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
11/30/2018	0.078 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
11/30/2018	0.077 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
11/30/2018	0.404 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
11/30/2018	0.408 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
80	08/12/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2019 - 08/31/2019

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Deficiency

Facility ID: EL001-Elevated

Category: Source

Attachment Comments: Scrape and painting the terminal end of the overflow pipe and securely attach the twenty-four mesh non-corrodible screen behind the flapper valve.



Attachment #2

Severity: Deficiency

Facility ID: Well 2

Category: Source

Attachment Comments: scrape and paint rusting piping



Attachment #3

Severity: None

Facility ID: Treatment Plant

Category: Treatment

Attachment Comments: Carbon Filters

John Bel Edwards
GOVERNOR
9



Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health
CERTIFIED MAIL: 7014 1200 0002 0952
September 6, 2019

Mr. Philip E. McQueen, President
Brownville Water System
P O Box 1257
West Monroe, LA 71294

Re: Class I Sanitary Survey
Brownville Water System Public Water System
PWS ID LA1073004
OUACHITA Parish

Dear Mr. McQueen:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 15, 2019 sanitary survey inspection of the public water supply system for Brownville Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
Camille Mize	Northeast Louisiana Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

Facility	Category	Findings
Management	Other	Some of the fencing surrounding the Spell Street well was down. Repair or replace the fencing at Spell Street well.
Facility	Category	Findings
Management	System Management and Operation	Water system does not have backup generator power to run the water system in the event of a power outage. Install generators sufficient to operate the water system in the event of an electrical outage.
Facility	Category	Findings
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the inspection, it was noted the Brownville Water System had adopted a formal cross connection control program, however the program had not yet been implemented. Enforce the cross connection control plan for the system.
Facility	Category	Findings
1073004-001 - WELL @ OLIECE STREET (#21)	Source	At the time of the inspection it was noted the well on Oliece Street was not in service and no plans were in place for that well to be used. If the well is not to be utilized, then plug and abandon the well.
Facility	Category	Findings
1073004-002 - WELL @ RISER STREET (#13)	Source	At the time of the inspection, a PVC pipe was inside a treaded steel pipe located at the plate mounted on top of the casing. These pipes do not fit tightly enough to prevent the potential for something from entering the casing and are a pathway for contamination. Configure the piping to remove the gap and remove the potential of a pathway for contamination.
Facility	Category	Findings
1073004-003 - WELL @ SPELL STREET (#17)	Source	At the time of the inspection, it was noted there was a hole in the plate on top of the casing. Have the hole in the plate on top of the casing repaired or replace the plate to remove the potential pathway of contamination. Also it was noted the screen over the well vent appears to be in poor repair. Replace the screen for the well vent at the spell street well.
Facility	Category	Findings
1073004-006 - WELL @ BENNIE BREECE (NEW)	Source	At the time of the inspection, it was noted there was a significant opening in the plate covering the casing of the well which allows the potential of being a pathway for contamination. Replace the plate covering the casing with one that does not allow the potential of being a pathway for contamination to the water below.

Deficiencies

Facility	Category	Findings
1073004-001 - WELL @ OLIECE STREET (#21)	Source	Several pipe stand was noted to be in poor repair at the Oliece Street well site. Repair or replace pipe stands in poor repair.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
P O Box 6118
Monroe LA 71211-6118

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1905147-	Routine	8/6/2019		1.450	

005					
S1904692-004		7/11/2019		0.030	
S1904529-005	Routine	7/10/2019		1.390	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
02/22/2019	0.092 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
11/16/2018	95 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
11/16/2018	109 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
10/25/2018	131 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1 Severity: Significant

Facility ID: WELL @ OLIECE STREET (#21)

Category: Source

Attachment Comments: If the well at the Oliece Street site will not be used, then abandon the well and remove the equipment.



Attachment #2

Severity: Significant

Facility ID: WELL @ BENNIE BREECE (NEW)

Category: Source

Attachment Comments: Large opening in plate on top of the casing at new Bennie Breece well site.



Attachment #3

Severity: Significant

Facility ID: WELL @ RISER STREET (#13)

Category: Source

Attachment Comments: There is a gap between the two pipes for a potential pathway of contamination.



Attachment #4

Severity: Significant

Facility ID: WELL @ SPELL STREET (#17)

Category: Source

Attachment Comments: Hole in the plate at the top of the casing.



Attachment #5

Severity: Minor

Facility ID: WELL @ OLIECE STREET (#21)

Category: Source

Attachment Comments: Pipe stands at Oliece Street well are in poor repair.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7014 1200 0002 2300 0990

August 6, 2019

Mr. John Allen, President
CALHOUN WATER SYSTEM
P O Box 68
Calhoun, LA 71225

Re: Class I Sanitary Survey
CALHOUN WATER SYSTEM Public Water System
PWS ID LA1073006
OUACHITA Parish

Dear Mr. Allen:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 23, 2019 sanitary survey inspection of the public water supply system for CALHOUN WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
Rebecca Doles	Calhoun Water System
Tom L Owens	G & O Service Company

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the inspection, it was noted the water system appeared to not be fully enforcing their cross connection control ordinance. Have a certified person survey the system and identify customers and enforce the systems cross connection control program.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of the inspection, it was noted that measuring of the chlorine daily for the Point of Entry (POE) and the Maximum Residence Time (MRT) were not occurring every day. The chlorine residuals must be collected for these locations every day to ensure the chlorine meets the required minimum residual of 0.5 mg/L throughout the system.
FACILITY	CATEGORY	FINDINGS
PF001 - PUMP FACILITY	Pump/pumping facility and control	The threaded hose bib inside the pump house lacked a hose bib vacuum breaker. Install a hose bib vacuum breaker on the threaded hose bib in the pump house.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	At the time of the inspection, it was noted the overflow piping for the ground storage tank was not screened. Install a twenty-four 24 sized mesh screen over the overflow piping at the ground storage tank.
FACILITY	CATEGORY	FINDINGS
TP003 - MAIN PLANT	Treatment	At the time of the inspection, it was noted the fan in the chlorine building was not working. Install a new fan in the chlorine building.
FACILITY	CATEGORY	FINDINGS
1073006-002 - WELL #1	Source	At the time of the inspection, the check valve for well 1 did not appear to be functioning. Repair or replace the check valve at well 1.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written

confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP003 - MAIN PLANT	Treatment	At the time of the inspection, it was noted the chlorine cylinders were not restrained. The chlorine cylinders should be individually chained to the wall of the chlorine building.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
8006215	07/08/2019	CHLORINE	06/01/2019 - 06/30/2019
8006214	07/08/2019	E. COLI	06/01/2019 - 06/30/2019

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

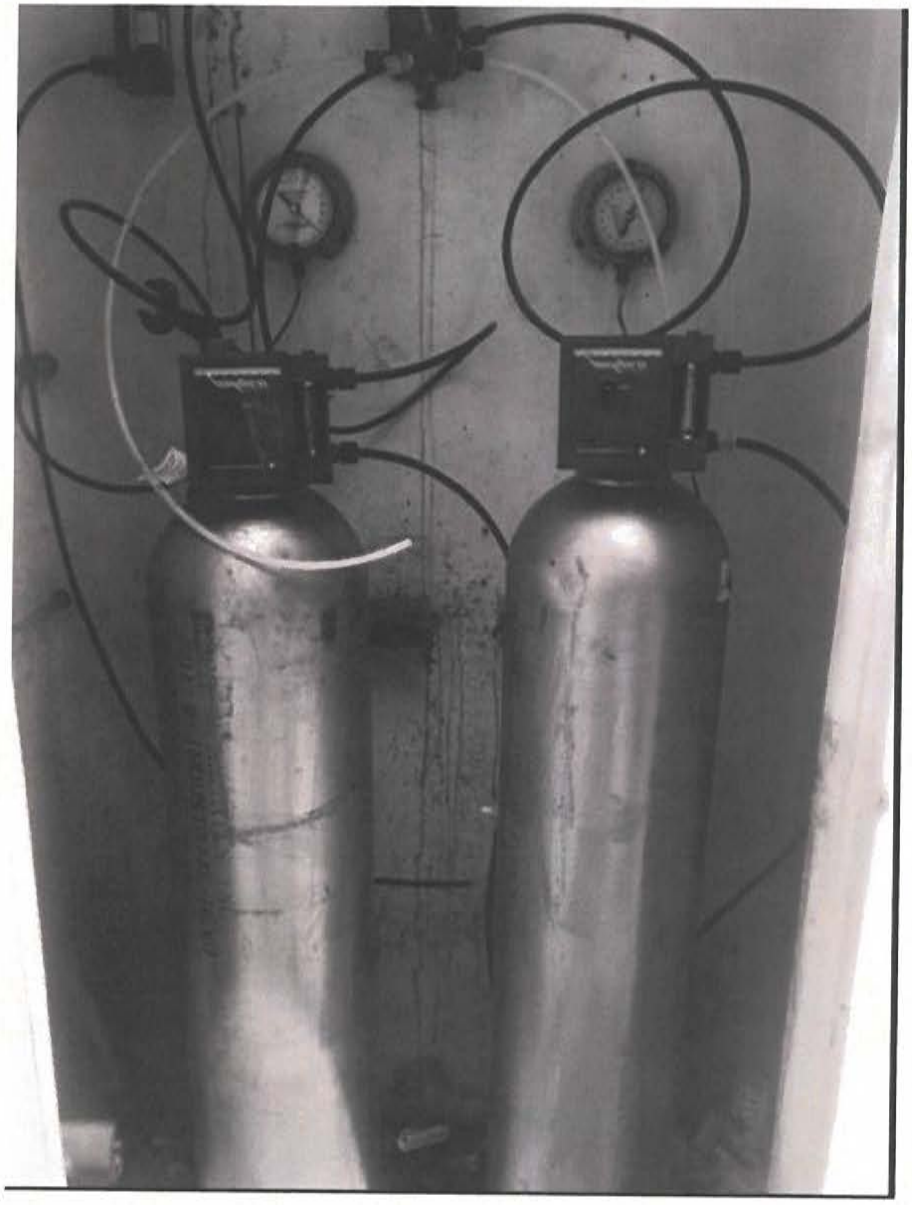
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Recommendations

Facility ID: MAIN PLANT

Category: Treatment

Attachment Comments: Chlorine cylinders not restrained.



Attachment #2

Severity: Minor

Facility ID: GROUND

Category: Finished Water Storage

Attachment Comments: Overflow pipe for the ground storage tank was not screened.



Attachment #3

Severity: None

Facility ID: ELEVATED TANK

Category: Finished Water Storage

Attachment Comments:



Attachment #4

Severity: Minor

Facility ID: PUMP FACILITY

Category: Pump/pumping facility and control

Attachment Comments: Threaded hose bib in the pump house lacks a hose bib vacuum breaker.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL: 7014 1820 0002 2150 9622

July 8, 2019

Mr. Jeff McNew, President
COUNTRY ESTATES WATER SYSTEM NORTH
P O Box 1257
West Monroe, LA 71294

Re: Class I Sanitary Survey
COUNTRY ESTATES WATER SYSTEM NORTH Public Water System
PWS ID LA1073011
OUACHITA Parish

Dear Mr. Mcnew:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 11, 2019 sanitary survey inspection of the public water supply system for COUNTRY ESTATES WATER SYSTEM NORTH (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
Camille Mize	Northeast Louisiana Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
01/22/2015	01/22/2015	Sanitary Survey, Finished	Minor	Source	1073104-001-SIKES WELL NO. 1
Comments: The casing and exposed metal were noted to be rusting at the Sikes well. Scrape and paint the casing and exposed metal at the Sikes well.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
01/22/2015	01/22/2015	Sanitary Survey, Finished	Minor	Treatment	TP003-SIKES TREATMENT PLANT
Comments: The chlorine building at the Sikes well did not appear to have air inlet louvers near the ceiling to allow for airflow into the building.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
01/22/2015	01/22/2015	Sanitary Survey, Finished	Minor	Treatment	TP003-SIKES TREATMENT PLANT
Comments: No switches were installed for lighting or fans for the chlorine building and no inspection window was present to see if there were any issues occurring inside the building before opening the door. Install separate switches for the fan and lights to be located outside of the chlorine room and install a inspection window at the door.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	At the time of the inspection a large hole was noted in the fencing of the Sikes well. Repair or replace fencing to block the hole at the Sikes well. **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC	Finished Water Storage	Rust is occurring on outside of tank. Scrape and paint rusted areas of the tank to prevent corrosion. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
TP003 - SIKES TREATMENT PLANT	Treatment	The chlorine building had damage from a chlorine leak that has caused corrosion to the tanks and equipment. Have corroded chlorine tanks picked up and replaced by the chlorine provider and repair damage caused to the chlorine building and ventilating fan. **See Attachment #5**

FACILITY	CATEGORY	FINDINGS
1073011-002 - WELL #2, HWY 139 AT TRAILER PK	Source	Casing shows signs of extreme corrosion. Have the casing evaluated by a licensed well driller and repair and paint. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1073104-001 - SIKES WELL NO. 1	Source	Rust was noted at the casing area of the Sikes well. Scrape and paint rusted areas at the Sikes well. **See Attachment #6**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
02/22/2019	0.266 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
02/22/2019	0.107 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
11/30/2018	0.278 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
09/10/2018	89 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
09/10/2018	213 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Security

Attachment Comments: Hole in fence at Sikes well site.



Attachment #2

Severity: Minor

Facility ID: WELL #2, HWY 139 AT TRAILER PK

Category: Source

Attachment Comments: Corrosion at casing of well



Attachment #3

Severity: Minor

Facility ID: HYDROPNEUMATIC

Category: Finished Water Storage

Attachment Comments: Corrosion at hydro-pneumatic tank site at LA139 site



Attachment #6

Severity: Minor

Facility ID: SIKES WELL NO. 1

Category: Source

Attachment Comments: Rust occurring at casing of Sikes well



Attachment #5

Severity: Minor

Facility ID: SIKES TREATMENT PLANT

Category: Treatment

Attachment Comments: Rust and corrosion to chlorine tanks in chlorine building at Sikes well site.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7014 1820 0002 2150 9615

July 8, 2019

Mr. Philip E. McQueen, President
GREEN ACRES SUBDIVISION WS
P O Box 1257
West Monroe, LA 71294

Re: Class I Sanitary Survey
GREEN ACRES SUBDIVISION WS Public Water System
PWS ID LA1073016
OUACHITA Parish

Dear Mr. McQueen:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 11, 2019 sanitary survey inspection of the public water supply system for GREEN ACRES SUBDIVISION WS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
Camille Mize	Northeast Louisiana Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/29/2016	12/29/2017	Level 2 Assessment rTCR	Minor	Distribution System	Management
Comments:					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the inspection, it was noted the back-flow device for the Green Acres Subdivision Water System had not been tested by a licensed tester. Have the device tested to verify it is operational. **See Attachment #1**

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



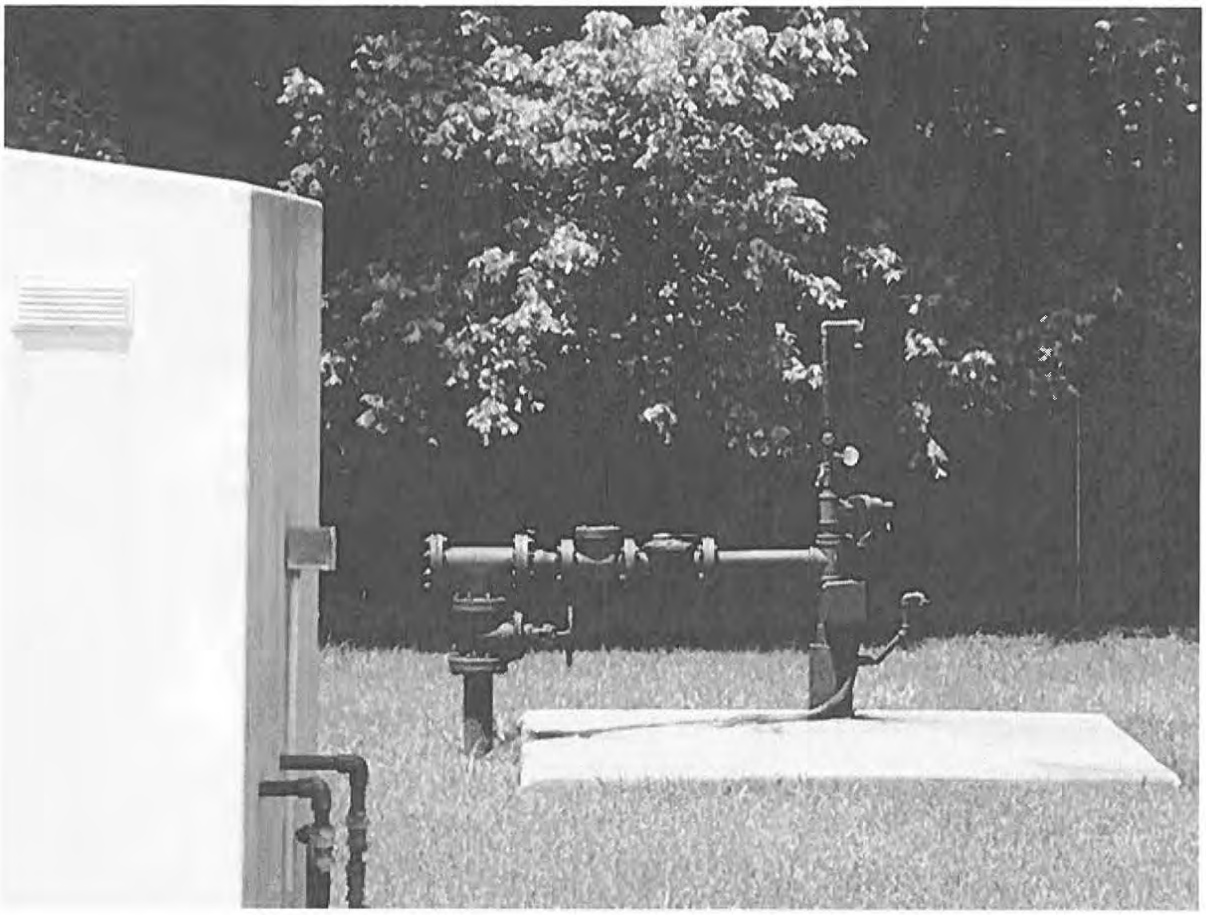
Attachment #1

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Back-flow device for the Green Acres Water System



Attachment #2

Severity: None

Facility ID: WELL #1

Category: Source

Attachment Comments: Well and chlorine building at well site

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL: 7014 1200 0002 2300 1010

September 6, 2019

Mr. Philip E. McQueen, President
Kiroli Darbonne WS
P O Box 1257
West Monroe, LA 71294

Re: Class I Sanitary Survey
Kiroli Darbonne WS Public Water System
PWS ID LA1073020
Ouachita Parish

Dear Mr. McQueen:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 15, 2019 sanitary survey inspection of the public water supply system for KIROLI DARBONNE WS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
Camille Mize	Northeast Louisiana Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Significant Deficiencies

Facility	Category	Findings
Management	Other	At the Noe Road well site, erosion was noted occurring at the base of the splash pad at the fence adjacent to the elevated storage tank. Restore the dirt in the washed areas to protect the area from erosion around the elevated storage tank.
Facility	Category	Findings
Management	System Management and Operation	Water system does not have backup generator power to run the water system in the event of a power outage. Install generators sufficient to operate the water system in the event of an electrical outage.
Facility	Category	Findings
DS0950 - Distribution System	Distribution System	At the time of the inspection, it was noted the Kiroli Darbonne Water System had adopted a formal cross connection control program, however the program had not yet been implemented. Enforce the cross connection control plan for the system.
Facility	Category	Findings
1073020-006 - Well @ Darbonne Hills - South WelL	Source	At the time of the inspection, the black plastic pipe that extends out of the plate mounted on top of the casing is not sealed at the Darbonne Hills well site. Seal around the black plastic pipe with a NSF 60 approved sealant to prevent the potential for something from entering the casing and to prevent a pathway for contamination.
Facility	Category	Findings
1073020-002 - Well @ Restful Homes	Source	At the time of the inspection, the black plastic pipe that extends out of the plate mounted on top of the casing was opened and not capped is not sealed at the Restful Homes well site. Cap the open end of the black plastic pipe and seal around the area where the pipe enters the plate on the casing with a NSF 60 approved sealant to prevent the potential for something from entering the casing to prevent a pathway for contamination.

Deficiencies

Facility	Category	Findings
EL003 - EST - Noe Road	Finished Water Storage	At the time of the inspection, the screen at the overflow of the new elevated tank on Noe Road was broken. Replace the broken screen with a four mesh, non-corrodible screen.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be

performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
P. O. Box 6118
Monroe LA 71211-6118

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1805937-003	Routine	10/9/2018		0.810	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
8005312	08/22/2019	Inadequate Min Chlorine Residual(GW&SW)	08/01/2019 - 08/31/2019

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Other

Attachment Comments: Erosion occurring at area of splash block and fence at the elevated tank on Noe Road.



Attachment #3

Severity: Significant

Facility ID: WELL @ RESTFUL HOMES

Category: Source

Attachment Comments: Black PVC pipe not covered and is an opening to casing.



Attachment #4

Severity: Significant

Facility ID: WELL @ DARBONNE HILLS - SOUTH WELL

Category: Source

Attachment Comments: Black PVC piping not sealed at plate over casing of well.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2490 8242 – Return Receipt Requested

September 9, 2019

Jeff McNew
Ramsey Water System
P O Box 1257
West Monroe, LA 71294

Re: Class I Sanitary Survey
Ramsey Water System
PWS ID LA1073025
Ouachita Parish

Dear Mr. McNew:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 28, 2019 sanitary survey inspection of the public water supply system for Ramsey Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH/OPH Engineering Services Region VIII
Camille Mize	Northeast Louisiana Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/28/2017	03/28/2017	Sanitary Survey, Finished	Minor	Distribution System	DS0950-Distribution System
Comments: At the time of the inspection, it was noted the sample tap located behind the house of 209 Music Road was broken off flush with the ground and the pipe had been capped. Replace the sample tap at this location with a tap that has a smooth nozzle.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
08/05/2019	0.096 mg/L	0.080 mg/L	TTHM	07/01/2019 - 09/30/2019
08/05/2019	0.095 mg/L	0.080 mg/L	TTHM	07/01/2019 - 09/30/2019
05/15/2019	0.184 mg/L	0.080 mg/L	TTHM	04/01/2019 - 06/30/2019
05/15/2019	0.196 mg/L	0.080 mg/L	TTHM	04/01/2019 - 06/30/2019
02/07/2019	0.286 mg/L	0.080 mg/L	TTHM	01/01/2019 - 03/31/2019
02/07/2019	0.279 mg/L	0.080 mg/L	TTHM	01/01/2019 - 03/31/2019
11/09/2018	66 µg/L	60 µg/L	Total Haloacetic Acids (HAA5)	10/01/2018 - 12/31/2018
11/09/2018	390 µg/L	80 µg/L	TTHM	10/01/2018 - 12/31/2018
11/09/2018	365 µg/L	80 µg/L	TTHM	10/01/2018 - 12/31/2018

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7246 or by email at Rory.Dobbs@LA.Gov.

Respectfully,



Rory Dobbs,
Engineer Intern II

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL:
7014 1820 0002 2150 9493
May 17, 2019

Mr. William W. Lovett, President
MCCLENDON COMMUNITY WATER WELL
272 Horne Street
West Monroe, LA 71292

Re: Class I Sanitary Survey
MCCLENDON COMMUNITY WATER WELL Public Water System
PWS ID LA1073028
OUACHITA Parish

Dear Mr. Lovett:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 2, 2019 sanitary survey inspection of the public water supply system for MCCLENDON COMMUNITY WATER WELL (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
William W Lovett	McClendon Community Water Well
Tom L Owens	G & O Service Company

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).
The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/01/2016	06/29/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	HD002-TANK NO. 2 - HORNE LANE
Comments: At the time of inspection the paint was showing signs of age and deterioration. Please have the tank sandblasted and repainted.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/25/2013	06/25/2013	Sanitary Survey, Finished	Significant	Finished Water Storage	HD002-TANK NO. 2 - HORNE LANE
Comments: At the time of inspection, the paint on the hydro-pneumatic tank was peeling and showing signs of corrosion. The tank is to be cleaned and painted to prevent further deterioration.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1073028-002 - HORNE LANE WELL # 2 NORTH	Source	At the time of the inspection the well vent for well 2 was found to be broken. Repair or replace the well vent at well 2, the north well.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of the inspection, it was noted the customer questionnaire for the cross connection control program for the water system has not yet been sent to the customers. Send a customer questionnaire to the customers of the system to make sure they disclose any actions that may require a device be installed by a licensed master plumber with a rider for the installation for back flow device. A list of the individuals who have back flow devices on the system must be maintained and that these devices have been tested annually by Louisiana licensed backflow specialists to ensure the devices are functioning properly.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE TANK NO. 1	Finished Water Storage	At the time of the inspection, it was noted the discharge piping for the ground storage tank was hard piped to a line that drained into a drainage ditch. As discussed, create an air gap for the discharge piping to pour into the discharge pipe with a least 2.5 times the width of discharge pipe to prevent the possibility of back siphoning from occurring. Also the discharge pipe of the tank must be screened with twenty-four mesh non-corrodible screen.

FACILITY	CATEGORY	FINDINGS
TP002 - HORNE LANE WELL	Treatment	At the time of the inspection, it was noted the fan to vent the chlorine gas and the light were not present. It was explained electrician was not completely finished with his work and was to install the wiring and replace both items. Install the fan and light and power supply at the chlorine building once power supply has been restored to the building.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP002 - HORNE LANE WELL	Treatment	At the time of the inspection, the rotameter did not appear to be functioning properly. Replace the rotameter.

As was discussed during the survey, the hydro-pneumatic tank has been isolated and is not connected to the system and is to be removed from the site as soon as weather permits.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
P O Box 6118
Monroe, Louisiana 71211-6118

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
06/06/2018	83 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,



Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 0680 0001 2490 7146** – Return Receipt Requested

November 12, 2019

James E. Mayo, Mayor
City of Monroe
Post Office Box 123
Monroe, LA 71210

Re: Class 3 Treatment Plant Site Visit
Monroe Water System
PWS ID LA1073031
Ouachita Parish

Dear Mayor Mayo:

The Department of Health and Hospitals would like to thank you and the site visit participants for the courtesy and assistance provided during the October 31, 2019 Treatment Plant inspection of the Monroe Water System. These inspections are part of our program to ensure compliance with the EPA Code of Federal Regulations Title 40 Parts 141-142 and Title 51 of the Louisiana Administrative Code.

This letter provides a summary of items noted in previous sanitary surveys in addition to during this site visit. If significant deficiencies have been listed on the subsequent pages you are required to correct the deficiencies and provide written documentation of your corrective actions including the date(s) resolved. You may also request additional time beyond the 60 days in writing by providing a detailed plan of corrective action that includes proposed completion dates. Failure to respond to this letter in writing within 60 days of receipt may result in Enforcement Action.

Parties Present

Name	Organization
Tyler Lollis	LDH/OPH Engineering Services Region VIII
Rory Dobbs	LDH/OPH Engineering Services Region VIII
Daren Johnson	Monroe Water System, Plant Superintendent

NOTICE OF VIOLATIONS

Based upon review of the available records and visual examination of the facilities, the following deficiencies require your immediate attention.

Unresolved Observations – Deficiencies cited during previous site visits

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/26/2018	10/01/2018	Sanitary Survey, Finished	Minor	Treatment	TP001-MONROE WATER TREATMENT PLANT
Comments: There is no secondary containment provided for the liquid chemical tanks for Ammonia and Zinc Orthophosphate outside of the chemical building, near the caustic tank. being used for water treatment. Secondary containment prevents spillage or accidental drainage of chemicals due to equipment and primary containment failure. To be addressed in an expansion project in Nov/Dec 2019.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/02/2015	01/07/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	GR005-THOMAS STREET TANK
Comments: At the time of inspection the area around the tank was not properly graded to drain away from the ground storage tank. Please have the grading of the yard corrected to ensure proper drainage.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/02/2015	01/07/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	GR005-THOMAS STREET TANK
Comments: At the time of inspection the paint on the pipes located in the pump house at the Thomas tank site was deteriorating. Please have the pipes sand blasted and repainted.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/14/2012	12/27/2012	Sanitary Survey, Finished	Minor	Treatment	TP001-MONROE WATER TREATMENT PLANT
Comments: Anhydrous ammonia must be enclosed.					

Significant Deficiencies

No observations were recorded in this category.

Minor Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, the water system did not maintain printed records of bacteriological, chemical, or disinfectant by-product analyses. Records of microbiological analyses and turbidity analyses must be kept for not less than 5 years. Records of chemical analyses must be kept for not less than 10 years. Please notify this office when these records have been printed and filed.

The deficiencies listed in the above table titled "Significant Deficiencies" must be corrected and a written response submitted to the department within 60 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these

deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the DHH-OPH Enforcement Units. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided by the Public Water System to the Surveying Office within 60 days of receipt of this letter with details regarding your corrective actions and any time extensions you may propose or you will be cited with a Treatment Technique violation which requires you to notify your consumers of the violation incurred.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	From discussion during the treatment plant site visit, the plant may want to consider implementing manganese testing within the current distribution system flushing program as a criteria for flushing besides just chlorine residual.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Tyler Lollis,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
09/05/2019	0.063 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2019 - 09/30/2019
06/24/2019	0.062 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2019 - 06/30/2019
03/01/2019	0.065 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7210.

Respectfully,

Tyler Lollis

Tyler Lollis, E.I.
Region 8 – Monroe
LDH/OPH Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH/OPH Engineering Services
File

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2492 3467

March 20, 2019

Mr. Herbert Munholland, President
Prairie Road Water District
2176 Prairie Road
Monroe, LA 71202

Re: Class II Sanitary Survey
Prairie Road Water District
PWS ID LA1073040
Ouachita Parish

Dear Mr. Munholland:

The Department of Health and Hospitals would like to thank you and the site visit participants for the courtesy and assistance provided during the March 14, 2019, Follow-Up Sanitary Survey inspection of the public water supply Prairie Road Water District. These inspections are part of our program to ensure compliance with the EPA Code of Federal Regulations Title 40 Parts 141-142 and Title 51 of the Louisiana Administrative Code.

This letter provides a summary of items noted in previous sanitary surveys in addition to during this follow-up sanitary survey. If significant deficiencies have been listed on the subsequent pages you are required to correct the deficiencies and provide written documentation of your corrective actions including the date(s) resolved. ***You may also request additional time beyond the 60 days in writing by providing a detailed plan of corrective action that includes proposed completion dates. Failure to respond to this letter in writing within 60 days of receipt may result in Enforcement Action.***

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
Larry W Warfield	Prairie Road Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/02/2018	03/05/2018	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-ELEVATED
Comments: The tank is showing signs of rust and corrosion. The tank is to be cleaned and painted by a qualified painting contractor to prevent further deterioration.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/02/2018	03/05/2018	Sanitary Survey, Finished	Minor	Source	1073040-002-WELL #2
Comments: At the time of inspection there was not a flow meter for the miller well. A flow meter shall be installed to accurately read the number of gallons produced by the well.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/18/2015	02/19/2015	Sanitary Survey, Finished	Significant	Finished Water Storage	EL001-ELEVATED
Comments: The tank is showing signs of rust and corrosion. The tank is to be cleaned and painted by a qualified painting contractor to prevent further deterioration.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/18/2015	02/19/2015	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED
Comments: At the time of inspection the over flow of the tank terminated just below the bottom of the elevated tank. The overflow must be brought down to terminate between 12 and 24 inches above the ground.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/18/2015	02/19/2015	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-ELEVATED
Comments: At the time of inspection the over flow of the tank terminated just below the bottom of the elevated tank. The overflow must be brought down to terminate between 12 and 24 inches above the ground.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of the inspection, it was noted that both elevated storage tanks showed signs of rusting and peeling paint on the exterior. The last full tank service including draining, cleaning, and painting was 2003. The storage tanks must be inspected, cleaned, repaired (if needed), and painted. Plans and specifications must be submitted for permitting of any interior work including painting and repairs. **See Attachment #1 and #2**
FACILITY	CATEGORY	FINDINGS
Management	Other	The pre-treatment ground storage tanks have not been serviced since construction of the tanks in 2012. The current design forms DDBPs in the pre-treatment storage tank and then through GAC filtration, the DDBPs are reduced. Due to the high color in the raw water, the pre-treatment tanks may contain sediment that should be removed to prevent potential carry over to the filters and finished water. The tanks must be cleaned, inspected, and repaired (if needed). **See Attachment #3**

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
P O Box 6118
Monroe LA 71211-6118

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

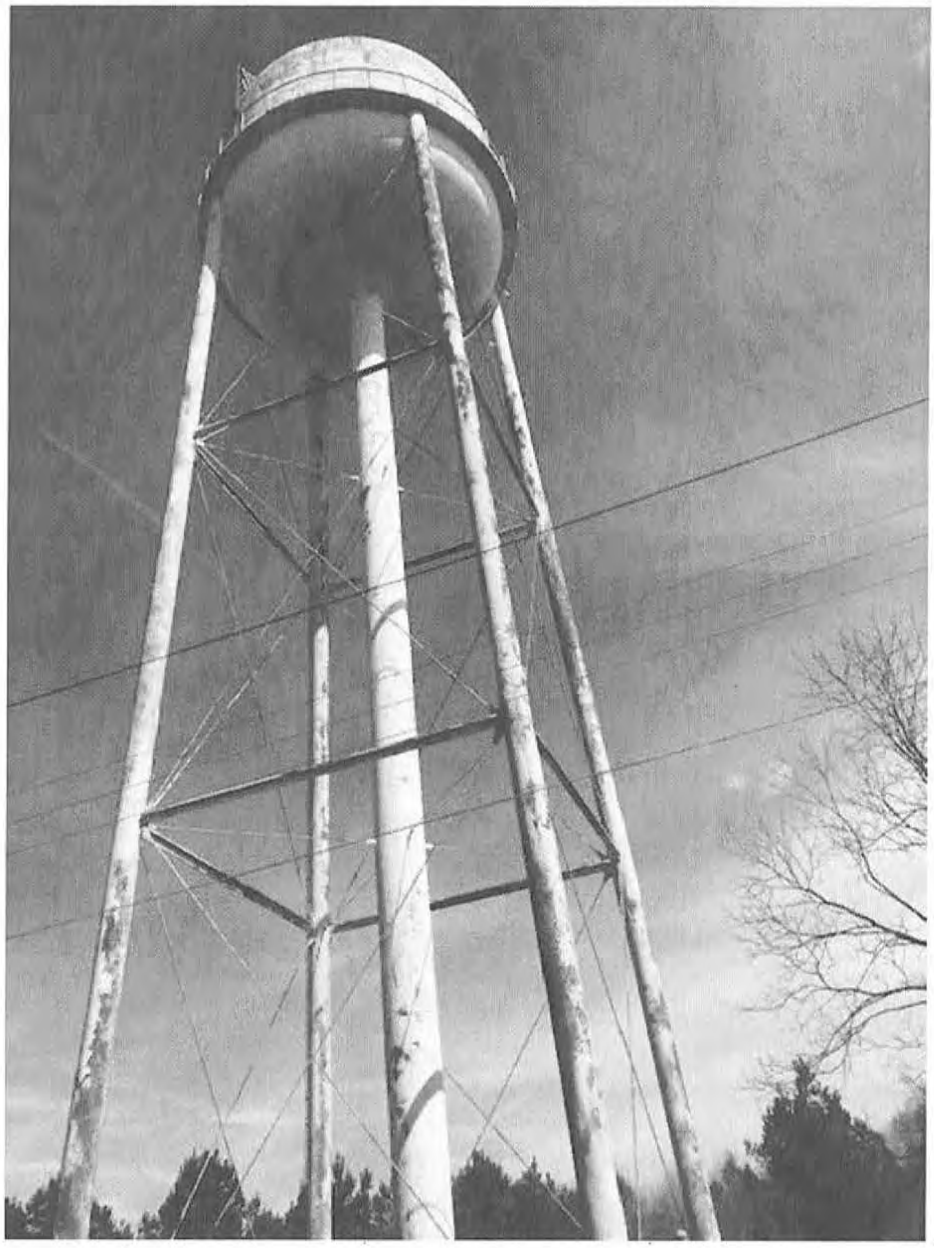
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Other

Attachment Comments: Significant rust occurring on the outside of Cleo Road elevated storage tank.



Attachment #2

Severity: Significant

Category: Other

Attachment Comments: Significant rusting occurring on center leg of elevated storage tank located on Miller Road.



Top glass is water from the super-chlorinated tank;

the middle glass is the water from the Cleo Road POE



The bottom glass is from the TCR-001 at 131 Charlotte Circle

Attachment #3

Severity: Significant

Category: Other

Attachment Comments: Top glass is water from the super-chlorinated tank; the middle glass is the water from the Cleo Road POE and the bottom glass is from the TCR-001 at 131 Charlotte Circle.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7014 1820 0002 2150 9585

October 24, 2019

Mr. Walter L Kelley, President
Southwest Ouachita Waterworks, Inc.
1840 Hwy 3033
West Monroe, LA 71292

Re: Class I Sanitary Survey
Southwest Ouachita Waterworks, Inc. Public Water System
PWS ID LA1073047
Ouachita Parish

Dear Mr. Kelley:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 8, 2019 sanitary survey inspection of the public water supply system for Southwest Ouachita Waterworks, Inc. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
Tommy Carter	Southwest Ouachita Waterworks
Linda Dowdy	Southwest Ouachita Waterworks
Harold Keirsey	Southwest Ouachita Waterworks

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Significant Deficiencies

Facility	Category	Findings
Management	Other	At the time of the inspection, it was noted not all well sites had generators sufficient to operate the system during times of power outages. Supply generators to all active well sites with sufficient capacity to operate all equipment during times of power outages.
Facility	Category	Findings
DS0950 - Distribution System	Distribution System	At the time of the survey, it was noted the Southwest Ouachita Water District had adopted a cross connection control program, however the program had not yet been fully implemented and enforced. Implement and enforce the cross connection control program.
Facility	Category	Findings
1073047-002 - Well #2 - Line Rd/Hwy 557	Source	At the time of the inspection, it appeared the well vent screen was in poor repair. Replace the vent screen with 24 mesh screen at the Line Road well site.
Facility	Category	Findings
1073047-005 - Well #5 - Luna Site	Source	At the time of the inspection, the well vent screen was missing at the Luna well site. Replace the vent screen with a 24 mesh screen at the Luna well site.
Facility	Category	Findings
1073047-004 - Well #4 - Brister	Source	There was a gap around the black tubing that extends from the casing at the Brister well site. Caulk and seal the black tubing that extends from the casing at the Brister well site.
Facility	Category	Findings
1073047-006 - Well #6 - Cooney Bonnett Rd.	Source	There was a gap around the black tubing that extends from the casing at the Cooney Bonnett Road well site. Caulk and seal the black tubing that extends from the casing at the Cooney Bonnett Road well site.
Facility	Category	Findings
1073047-007 - Well #7 - Charlie Griggs Road	Source	There were holes and unconnected threaded holes and piping in the casing observed at the Charlie Griggs well site. After determining the holes are not for additional well venting, have the holes capped or sealed to prevent potential contamination from occurring.

Deficiencies

Facility	Category	Findings
Management	M&R and Data Verification	At the time of inspection, it was noted that the system did not have the equipment necessary to validate the colorimeter for the system. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time,

		colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired. The equipment necessary to validate the colorimeter for the system. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired.
Facility	Category	Findings
DS0950 - Distribution System	Distribution System	At the time of the inspection, it was noted the Monitoring Plan Portal (MPP) lacked enough sample stations and the MRT site currently listed is at the very end of the system and does not allow for the sampling of downstream customers. Add another sample station to the sampling area not already being sampled. Relocate the MRT on Tisdale Road where there are 5 customers located downstream of the site. Control of the Monitoring Plan Portal (MPP) has been returned for correction to the water system.
Facility	Category	Findings
GR001 - GST #1 @ Larry Henry Road	Finished Water Storage	At the time of the inspection, it was noted the ground storage tank overflow at Larry Henry Road was not screened with 24 mesh screen. Have the ground storage tank overflow at the Larry Henry Road site screened with 24 mesh screen.
Facility	Category	Findings
1073047-002 - Well #2 - Line Rd/Hwy 557	Source	At the time of the inspection, it was noted the air release-vacuum relief valve with exhaust piping appears to be installed correctly with the exception of the exhaust/relief piping terminating closer than 18 inches above the slab. Adjust the exhaust/relief piping to have it terminate more than 18 inches above the slab and if not already in place, cover the piping with a 24 mesh corrosion resistant screen.
Facility	Category	Findings
1073047-005 - Well #5 - Luna Site	Source	At the time of the inspection, it was noted the air release-vacuum relief valve with exhaust piping appears to be installed correctly with the exception of the exhaust/relief piping terminating closer than 18 inches above the slab. Adjust the exhaust/relief piping to have it terminate more than 18 inches above the slab and if not already in place, cover the piping with a 24 mesh corrosion resistant screen.
Facility	Category	Findings
1073047-006 - Well #6 - Cooney Bonnett Rd.	Source	At the time of the inspection, it was noted the air release-vacuum relief valve with exhaust piping appears to be installed correctly with the exception of the exhaust/relief piping terminating closer than 18 inches above the slab. Adjust the exhaust/relief piping to have it terminate more than 18 inches above the slab and if not already in place, cover the piping with a 24 mesh corrosion resistant screen.
Facility	Category	Findings
1073047-007 - Well #7 - Charlie Griggs Road	Source	At the time of the inspection, it was noted the air release-vacuum relief valve with exhaust piping appears to be installed correctly with the exception of the exhaust/relief piping terminating closer than 18 inches above the slab. Adjust the exhaust/relief piping to have it terminate more than 18 inches above the slab and if not already in place, cover the piping with a 24 mesh corrosion

		resistant screen.
Facility	Category	Findings
1073047-001 - Well #1 - Larry Henry Road	Source	At the time of the inspection, it was noted the air release-vacuum relief valve with exhaust piping appears to be installed correctly with the exception of the exhaust/relief piping terminating closer than 18 inches above the slab. Adjust the exhaust/relief piping to have it terminate more than 18 inches above the slab and if not already in place, cover the piping with a 24 mesh corrosion resistant screen.
Facility	Category	Findings
1073047-004 - Well #4 - Brister	Source	At the time of the inspection, it was noted the air release-vacuum relief valve with exhaust piping appears to be installed correctly with the exception of the exhaust/relief piping terminating closer than 18 inches above the slab. Adjust the exhaust/relief piping to have it terminate more than 18 inches above the slab and if not already in place, cover the piping with a 24 mesh corrosion resistant screen.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
P O Box 6118
Monroe LA 71211-6118

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
06/24/2019	0.088 mg/L	0.080 mg/L	TTHM	04/01/2019 - 06/30/2019
02/22/2019	0.081 mg/L	0.080 mg/L	TTHM	01/01/2019 - 03/31/2019
11/30/2018	0.094 mg/L	0.080 mg/L	TTHM	10/01/2018 - 12/31/2018
11/30/2018	0.117 mg/L	0.080 mg/L	TTHM	10/01/2018 - 12/31/2018
11/30/2018	0.075 mg/L	0.060 mg/L	Total Haloacetic Acids (HAA5)	10/01/2018 - 12/31/2018
10/25/2018	136 µg/L	80 µg/L	TTHM	07/01/2018 - 09/30/2018
10/25/2018	84 µg/L	60 µg/L	Total Haloacetic Acids (HAA5)	07/01/2018 - 09/30/2018
10/25/2018	133 µg/L	80 µg/L	TTHM	07/01/2018 - 09/30/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
8008511	07/24/2019	5% DS Below Min 0.5-2 Months Consecutive (GW)	07/01/2019 - 07/31/2019
8008508	06/14/2019	Inadequate Min Chlorine Residual(GW&SW)	06/01/2019 - 06/30/2019

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,



Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: WELL #6 - COONEY BONNETT RD.

Category: Source

Attachment Comments: The exhaust of the air relief valve is closer than 18 inches to the ground.



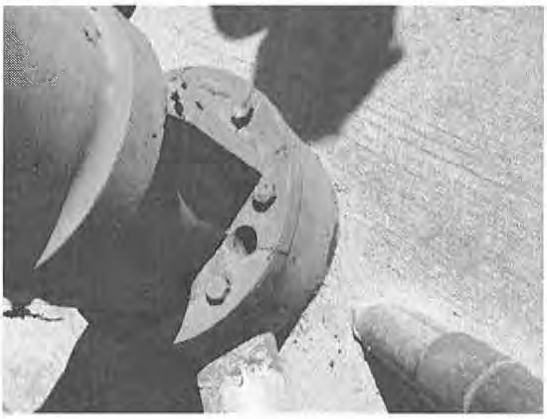
Attachment #2

Severity: Significant

Facility ID: WELL #7 - CHARLIE GRIGGS ROAD

Category: Source

Attachment Comments: One of the holes observed at the casing of well 7 at Charlie Griggs Road.



Attachment #3

Severity: Significant

Facility ID: WELL #7 - CHARLIE GRIGGS ROAD

Category: Source

Attachment Comments: One of the holes observed at the casing of well 7 at Charlie Griggs Road.



Attachment #4

Severity: Significant

Facility ID: WELL #5 - LUNA SITE

Category: Source

Attachment Comments: Well vent not screened on well 5 at Luna Road site.



Attachment #5

Severity: None

Facility ID: GST #9 LARRY HENRY ROAD

Category: Finished Water Storage

Attachment Comments: No screen observed at overflow of ground storage tank at the Larry Henry Road site.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL: 7014 1820 0002 2150 9608

September 6, 2019

Mr. Philip E. McQueen, President
West Hwy 80 Ark Road WS
P O Box 1257
West Monroe, LA 71294

Re: Class I Sanitary Survey
West Hwy 80 Ark Road WS Public Water System
PWS ID LA1073055
Ouachita Parish

Dear Mr. McQueen:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 15, 2019 sanitary survey inspection of the public water supply system for West Hwy 80 ARK Road WS. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	LDH/OPH Region VIII Engineering
Camille Mize	Northeast Louisiana Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

Facility	Category	Findings
Management	Other	At the time of the inspection, it was observed the discharge for the backwash water was piped directly to a sanitary sewer drain. There must be a clear air gap outside the tank to prevent sewage from backing up into the tank.
Facility	Category	Findings
Management	Other	At the West Ridge well site, erosion was noted occurring at the base of the splash pad and the packed gravel at the finished water tank foundation ring that has washed out the dirt from under the splash pad and caused the rock to being to wash away from the finished water tank foundation ring. Erosion was also noted at the backwash water tank foundation ring by the discharge pipe. Restore the dirt and gravel under the splash pad and at the tank foundation rings of both ground storage tanks at the West Ridge Well site.
Facility	Category	Findings
Management	System Management and Operation	The water system does not have backup generator power to run the water system in the event of a power outage. Install generators sufficient to operate the water system in the event of an electrical outage.
Facility	Category	Findings
DS0950 - Distribution System	Distribution System	At the time of the inspection, it was noted the West Highway 80 & Arkansas Road Water System had adopted a formal cross connection control program, however the program had not yet been implemented. Enforce the cross connection control plan for the system.
Facility	Category	Findings
1073055-002 - Well #9A – Arkansas Road	Source	At the time of the inspection, a PVC pipe was inside a threaded steel pipe located at the plate mounted on top of the casing. These pipes do not fit tightly enough to prevent the potential for something from entering the casing and are a pathway for contamination. Configure the piping to remove the gap and remove this potential pathway for contamination.

Deficiencies

Facility	Category	Findings
EL003 - EST - Arkansas Road	Finished Water Storage	At the time of the inspection, the screen at the overflow of the new elevated tank on Arkansas Road was broken. Replace the broken screen with a four mesh, non-corrodible screen.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to

correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

At the time of the inspection, the roof of the chlorine building at the Lakeland Gardens site was damaged and in poor repair. Repair or replace the roof of the chlorine building at the Lakeland Gardens site.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Stephen K Ray, R.S.
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1903121-003	Routine	5/7/2019		0.720	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
08/29/2019	0.084 mg/L	0.080 mg/L	TTHM	07/01/2019 - 09/30/2019

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Other

Attachment Comments: Erosion at base of Ground Storage Tank.



Attachment #2

Severity: Significant

Category: Other

Attachment Comments: Erosion at base of Ground Storage Tank



Attachment #3

Severity: Significant

Category: Other

Attachment Comments: Backwash water piped directly from the Ground Storage Tank to the Sanitary Sewer with no exterior air gap.



Attachment #4

Severity: Significant

Facility ID: WELL #9A - ARKANSAS ROAD

Category: Source

Attachment Comments: PVC pipe was inside a threaded steel pipe located at the plate mounted on top of the casing.



Attachment #5

Severity: Minor

Facility ID: EST - ARKANSAS ROAD

Category: Finished Water Storage

Attachment Comments: Screen broken at Elevated Tank overflow.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2490 7849 – Return Receipt Requested

November 22, 2019

Staci Mitchell
West Monroe Water System
303 W Pavilion Ave
West Monroe, LA 71292

Re: Class I Sanitary Survey
West Monroe Water System
PWS ID LA1073056
Ouachita Parish

Dear Mayor Mitchell:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 7, 2019 sanitary survey inspection of the public water supply system for West Monroe Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH/OPH Engineering Region VIII
Terry Emory	West Monroe Water System
Paul New	West Monroe Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

Facility	Category	Findings
DS0950 - Distribution System	Distribution System	At the time of the inspection, it was noted the town had not yet adopted a cross connection control program. A survey of the entire system must be completed to ensure that all customers, residential and commercial, are protected from potentially polluting the distribution system. An up-to-date customer listing must be compiled showing the critical customers within the distribution system. High risk customers include but are not limited to restaurants, hospitals, schools, funeral homes, jails, churches, farms, and customers with auxiliary water (such as swimming pools, private wells, fountains, animal watering troughs, indoor fire protection, and others). All commercial customers should be assessed for proper backflow prevention devices. It is the responsibility of the water system to ensure all residential and commercial customers with auxiliary water are properly filling these vessels using an air gap or an approved backflow prevention device. If there are no high-risk customers served by the water system, the system must provide documentation to demonstrate this. Customers must be given notification of their obligations as part of the water systems written CCCP. All correspondence and required annual testing must be kept on file by the water system for review during sanitary surveys and inspections by LDH. Please provide a written statement to the Region 8 Office to include actions that will be taken by the water system to enforce the CCCP as a requirement, create an up-to-date list of critical customers, and document current annual test reports for all customers required to maintain backflow prevention devices. Please feel free to contact this office for assistance with this item.
Facility	Category	Findings
1073056-001 - Well #2	Source	At the time of inspection, the bolt holes on the back of the electrical box connected to well #2 was not properly sealed. Please seal all openings on the electrical box to eliminate this pathway for contamination. The well casing seal also did not seem to be intact. Please has the seal inspected and replaced, if needed, to prevent the entrance of contamination into the well casing. See attachments 1 & 2.
Facility	Category	Findings
GR003 - Ground Storage #3	Finished Water Storage	At the time of inspection, Ground Storage Tank #3 had a damaged screen on its overflow piping. Please replace this with a 24 mesh, non-corrodible screen.

Deficiencies

Facility	Category	Findings
Management	Other	At the time of inspection, the chlorine building for Well #5 and #6 had vent lines that were not properly screened. Vents from chlorinator and storage areas must be screened and discharge to the outside atmosphere, above

		grade.
Facility	Category	Findings
GR004 - Well #10 Pre-Chlorination Tank	Finished Water Storage	At the time of inspection, the overflow for the Well #10 pre-chlorination tank did not have an appropriately sized splash pad and showed signs of erosion near the overflow. Please extend the splash pad to prevent excessive erosion around the tank structure. See attachment 3.
Facility	Category	Findings
TP006 - Well #8	Treatment	At the time of inspection, the ammonium sulfate and orthophosphate pumps at the Well #8 site were not properly secured. Please secure the pumps to prevent them from falling over and potentially disrupting the treatment process.
Facility	Category	Findings
TP004 - Well #6	Treatment	At the time of inspection, the ammonium sulfate pump at the Well #6 site was not properly secured. Please secure the pump to prevent it from falling over and potentially disrupting the treatment process.
Facility	Category	Findings
1073056-006 - Well #8	Source	At the time of inspection, the discharge piping on well #8 was showing signs of rust and flaking paint. Please clean and paint the well discharge piping to prevent a possible pathway for contamination.
Facility	Category	Findings
1073056-007 - Well #9	Source	At the time of inspection, the discharge piping on well #9 was showing signs of rust and flaking paint. Please clean and paint the well discharge piping to prevent a possible pathway for contamination. See attachment 4.
Facility	Category	Findings
1073056-005 - Well #7	Source	At the time of inspection, the pressure gauge for Well #7 was not functioning. The well must be equipped with a working pressure gauge.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

Facility	Category	Findings
Management	Other	A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a written flushing program.
Facility	Category	Findings
Management	Other	Develop and implement a written inspection program for the storage tanks. For steel tanks, AWWA M42 recommends the interval for periodic inspections of the tank interior should be three to five years. It is advisable to wash out the tank at the time of inspection.
Facility	Category	Findings
TP001 - WELL 2 & 5	Treatment	At the time of inspection, the chlorine building at the well #2 site had unused chlorine bottles that were not properly restrained. Please restrain the bottles to prevent upset.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7246 or by email at Rory.Dobbs@LA.Gov.

Respectfully,

Rory Dobbs,
Engineer Intern II

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments:



Attachment 1: Well #2 electrical box.



Attachment 2: Well #2 sanitary seal



Attachment 3: Well #10 pre-chlorination tank splash pad.



Attachment 4: Well #9 discharge piping.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7014 1820 0002 2150 9561

September 30, 2019

Mr. Joe Watts, President
INDIAN VILLAGE WATER SYSTEM
P O Box 35
Calhoun, LA 71225

Re: Class I Sanitary Survey
INDIAN VILLAGE WATER SYSTEM Public Water System
PWS ID LA1073058
OUACHITA Parish

Dear Mr. Watts:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 24, 2019 sanitary survey inspection of the public water supply system for INDIAN VILLAGE WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
Ben Bridges	Ben Bridges Water Operations
Ann Hernandez	Indian Village Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Significant Deficiencies

Facility	Category	Findings
Management	Other	At the time of the inspection, it was noted there was only one pump working at the well 4 pump house site. There must be 2 functioning pumps at each site to ensure the system will be able to meet water demand in case of a malfunction of one of the pumps.
Facility	Category	Findings
Management	Other	At the time of the inspection, it was noted the pumps in the pump house for well were in poor repair and as the operator stated were pumping at less than half of what should be expected. Either recondition the existing pumps or have an engineer submit plans for their replacement. **See Attachment #1 and #2**
Facility	Category	Findings
Management	System Management and Operation	At the time of the inspection, it was noted that well sites 2 & 4 did not have generators install at the sites. Install generators at well sites 2 & 4 capable of operating each site to supply water during power outages.
Facility	Category	Findings
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the inspection, it was noted the Indian Village Water System has a cross connection control program, however it is not being enforced. Enforce the cross connection control program.
Facility	Category	Findings
HD002 – HYDRO-PNEUMATIC	Finished Water Storage	At the time of the inspection it was noted the entry point sample tap was not installed on the transmission line between the last vessel and the water main at the well 2 site. An entry point sample tap must be install on the transmission line after the last treatment process or vessel at the well site prior to the connection to the distribution system. Install a sampling tap with a smooth nozzle to facilitate bacteriological and chemical analysis, when needed for entry point sampling,
Facility	Category	Findings
HD001 – HYDRO-PNEUMATIC	Finished Water Storage	At the time of the inspection it was noted the entry point sample tap was not installed on the transmission line between the last vessel and the water main at the well 3 site. AN entry point sample tap must be install on the transmission line after the last treatment process or vessel at the well site prior to the connection to the distribution system. Install a sampling tap with a smooth nozzle to facilitate bacteriological and chemical analysis, when needed for entry point sampling,
Facility	Category	Findings
GR001 - GROUND	Finished Water Storage	At the time of the inspection, it was noted there was no screen at the ground storage tank overflow at well 4. Install a twenty-four mesh non-corrodible screen at the overflow of the ground storage tank at the well 4 site.

Facility	Category	Findings
1073058-004 - WELL #4 – 301 CONNIE WALTERS	Source	At the time of the inspection, it was noted a black PVC pipe that extends out of the top plate of the well casing and there is a gap occurring between the hole in the plate and the pipe. Use an approved caulk to seal the area between the plate and pipe to prevent the potential for something from entering the casing and remove this potential pathway for potential contamination. **Attachment #5**

Deficiencies

Facility	Category	Findings
HD002 – HYDRO-PNEUMATIC	Finished Water Storage	At the time of the inspection it was noted the entry point sample tap was not installed on the transmission line between the last vessel and the water main at the well 3 site. Install a sampling tap with a smooth nozzle to facilitate bacteriological and chemical analysis, when needed for entry point sampling, This sampling tap is to last vessel be installed on the transmission line after the last vessel and before the water main.
Facility	Category	Findings
GR001 - GROUND	Finished Water Storage	At the time of the inspection it was noted the entry point sample tap was not installed on the transmission line between the last vessel and the water main at the well 4 site. An entry point sample tap must be install on the transmission line after the last treatment process or vessel at the well site prior to the connection to the distribution system. Install a sampling tap with a smooth nozzle to facilitate bacteriological and chemical analysis, when needed for entry point sampling,
Facility	Category	Findings
GR003 - GROUND	Finished Water Storage	At the time of the inspection it was noted the entry point sample tap was not installed on the transmission line between the last vessel and the water main at the well 2 site. Install a sampling tap with a smooth nozzle to facilitate bacteriological and chemical analysis, when needed for entry point sampling, This sampling tap is to last vessel be installed on the transmission line after the last vessel and before the water main.
Facility	Category	Findings
GR002 - GROUND	Finished Water Storage	At the time of the inspection, it was noted there was no screen at the ground storage tank overflow at well 3. Install a twenty-four mesh non-corrodible screen at the overflow of the ground storage tank at the well 3 site. **See Attachment #3**
Facility	Category	Findings
GR003 - GROUND	Finished Water Storage	At the time of the inspection, it was noted there was no screen at the ground storage tank overflow at well 4. Install a twenty-four mesh non-corrodible screen at the overflow of the ground storage tank at the well 4 site. **See Attachment #4**
Facility	Category	Findings
1073058-002 - WELL #2 - 2444 HWY 144	Source	Rust is occurring at the casing where it is coming into contact with the concrete apron at well 2. Scrape and paint the rusting areas at the casing of well 2.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

At the time of the inspection, several of the chlorine buildings did not have the chlorine tanks individually strapped to the wall to prevent the chance of an accidental upset. Chlorine bottles should be secured to the wall individually to prevent the chance of an accidentally being knocked over and causing a chlorine release.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
P O Box 6118
Monroe LA 71211-6118

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
09/04/2019	0.152 MG/L	0.080 MG/L	TTHM	07/01/2019 - 09/30/2019
09/04/2019	0.151 MG/L	0.080 MG/L	TTHM	07/01/2019 - 09/30/2019
06/24/2019	0.183 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
06/24/2019	0.164 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
03/01/2019	0.180 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
03/01/2019	0.165 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
11/30/2018	0.176 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
11/30/2018	0.167 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018

Other Violations during the past year

No other violations were reported in the past year.

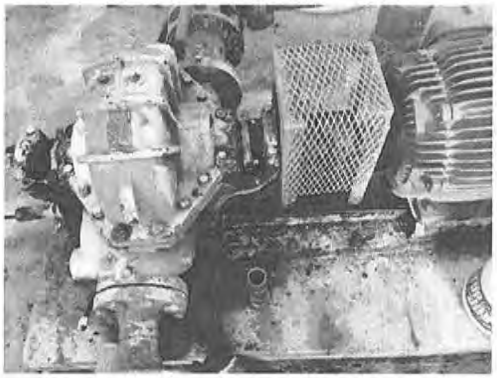
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

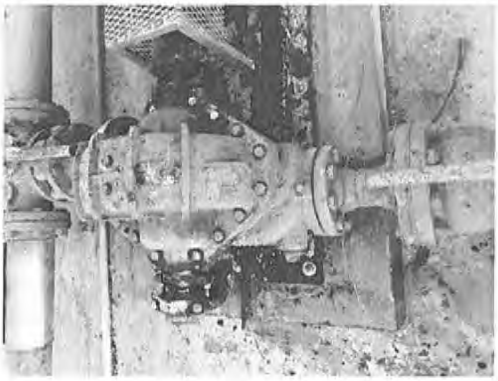
Attachments



Attachment #1 Severity: Significant

Category: Other

Attachment Comments: Pump in pump house at well 2 site in poor repair.



Attachment #2 Severity: Significant

Category: Other

Attachment Comments: Pump in pump house at well 2 site in poor repair.



Attachment #3 Severity: Minor

Facility ID: GROUND

Category: Finished Water Storage

Attachment Comments: No screen at the discharge pipe of ground storage tank at well 3 site.

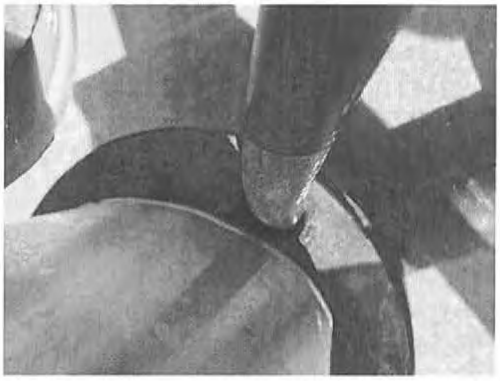


Attachment #4 Severity: Minor

Facility ID: GROUND

Category: Finished Water Storage

Attachment Comments: Interior designed tank overflow is not equipped with a 24 mesh screen to prevent the entry of contaminates.



Attachment #5 Severity: Significant

Facility ID: WELL #4 - 301 CONNIE WALTERS
Category: Source

Attachment Comments: Gap at the entry of the black plastic pipe into the well casing cap needs to be caulked with an approved caulk.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7014 1820 0002 2150 9530

October 31, 2019

Mr. Barry L Turner, President
CADEVILLE WATER DISTRICT
P.O. Box 1316
West Monroe, LA 71294

Re: Class I Sanitary Survey
CADEVILLE WATER DISTRICT Public Water System
PWS ID LA1073060
OUACHITA Parish

Dear Mr. Turner:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 17, 2019 sanitary survey inspection of the public water supply system for CADEVILLE WATER DISTRICT (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
Tom L Owens	G & O Service Company

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of the inspection, it was noted not all well sites had generators sufficient to operate the system during times of power outages. Supply generators to all active well sites with sufficient capacity to operate all equipment during times of power outages.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the survey, it was noted the Cadeville Water District had adopted a cross connection control program, however the program had not yet been fully implemented and enforced. Implement and enforce the cross connection control program.
FACILITY	CATEGORY	FINDINGS
1073060-002 - WELL NO 2 HWY 546	Source	The handle was noted to be broken at the sample tap of the Highway 546 Well. Repair or replace the sample tap at the Highway 546 well. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1073060-003 - WELL NO 3 LUBENIA RD	Source	The handle was noted to be broken at the sample tap of the Lubenia Road well. Repair or replace the sample tap at the Lubenia Road well.
FACILITY	CATEGORY	FINDINGS
1073060-004 - WELL #4 - WINNFIELD ROAD	Source	There was a gap around the black tubing that extends from the casing at the Winnfield Road well site. Caulk and seal the black tubing that extends from the casing at the Winnfield Road well site.
FACILITY	CATEGORY	FINDINGS
1073060-001 - WELL NO 1 RAY RD	Source	There was an open pipe that extends from the casing at the Ray Road well site. Cap and seal the piping that extends from the casing at the Ray Road well site. **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was noted that the system did not have the equipment necessary to validate the colorimeter for the system. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired. The equipment necessary to validate the colorimeter for the system. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended

		procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired.
FACILITY	CATEGORY	FINDINGS
HD001 – HYDRO PNEUMATIC TANK	Finished Water Storage	The paint at the hydro-pneumatic tank at the Ray Road well site is in poor repair. Have the tank inspected and paint the tank with an approved paint.
FACILITY	CATEGORY	FINDINGS
1073060-002 - WELL NO 2 HWY 546	Source	At the time of the inspection, at the Highway 546 Well site it was noted the air release-vacuum relief valve with exhaust piping appears to be installed correctly with the exception of the exhaust/relief piping terminating closer than 18 inches above the slab. Adjust the exhaust/relief piping to have it terminate more than 18 inches above the slab and if not already in place, cover the piping with a 24 mesh corrosion resistant screen.
FACILITY	CATEGORY	FINDINGS
1073060-001 - WELL NO 1 RAY RD	Source	At the time of the inspection, at the Ray Road well site it was noted the air release-vacuum relief valve with exhaust piping appears to be installed correctly with the exception of the exhaust/relief piping terminating closer than 18 inches above the slab. Adjust the exhaust/relief piping to have it terminate more than 18 inches above the slab and if not already in place, cover the piping with a 24 mesh corrosion resistant screen. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1073060-004 - WELL #4 - WINNFIELD ROAD	Source	At the time of the inspection, at the Winnfield Road well site it was noted the air release-vacuum relief valve with exhaust piping appears to be installed correctly with the exception of the exhaust/relief piping terminating closer than 18 inches above the slab. Adjust the exhaust/relief piping to have it terminate more than 18 inches above the slab and if not already in place, cover the piping with a 24 mesh corrosion resistant screen.
FACILITY	CATEGORY	FINDINGS
1073060-002 - WELL NO 2 HWY 546	Source	At the time of the inspection, it was noted the check valve appears to not be properly operating and the pressure gauge was in poor repair at the Highway 546 well site. Repair or replace the check valve and the pressure gauge at the Highway 546 well site.
FACILITY	CATEGORY	FINDINGS
1073060-003 - WELL NO 3 LUBENIA RD	Source	At the time of the inspection, it was noted the upper well terminal piping at Luebenia Road well site was rusting and needed painting. Scrape and paint the upper well terminal piping.
FACILITY	CATEGORY	FINDINGS
1073060-002 - WELL NO 2 HWY 546	Source	At the time of the inspection, it was noted the upper well terminal piping at the Highway 546 well site was rusting and needed painting. Scrape and paint the upper well terminal piping.
FACILITY	CATEGORY	FINDINGS
1073060-001 - WELL NO 1 RAY RD	Source	At the time of the inspection, it was noted the upper well terminal piping at the Ray Road well site was rusting and needed painting. Scrape and paint the upper well terminal piping.

FACILITY	CATEGORY	FINDINGS
1073060-004 - WELL #4 - WINNFIELD ROAD	Source	At the time of the inspection, it was noted the upper well terminal piping at the Winnfield Road well site was rusting and needed painting. Scrape and paint the upper well terminal piping.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - WELL #1	Treatment	It was noted that the chlorine bottles were not being individually restrained to the wall with a chain. Chlorine bottles should be restrained individually by a chain to prevent upset and unintended chlorine release.
FACILITY	CATEGORY	FINDINGS
TP003 - WELL #3	Treatment	It was noted that the chlorine bottles were not being individually restrained to the wall with a chain. Chlorine bottles should be restrained individually by a chain to prevent upset and unintended chlorine release. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
TP004 - WELL 4 WINNFIELD ROAD AT OFFICE	Treatment	It was noted that the chlorine bottles were not being individually restrained to the wall with a chain. Chlorine bottles should be restrained individually by a chain to prevent upset and unintended chlorine release.
FACILITY	CATEGORY	FINDINGS
TP005 - WELL 4 WINNFIELD ROAD AT OFFICE	Treatment	It was noted that the chlorine bottles were not being individually restrained to the wall with a chain. Chlorine bottles should be restrained individually by a chain to prevent upset and unintended chlorine release.

The paint on the carbon filters at the Lubenia Road and Winnfield Road sites were noted to be chalking. After speaking with Henry Shuler, he informed me that Calgon will be addressing this issue.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
P O Box 6118
Monroe, Louisiana 71211-6118

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1904892-004		7/19/2019		0.060	
S1904851-005	Routine	7/18/2019		0.000	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
09/17/2019	0.143 MG/L	0.080 MG/L	TTHM	07/01/2019 - 09/30/2019
06/24/2019	0.153 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
03/01/2019	0.089 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
03/01/2019	0.150 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
11/30/2018	0.143 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
11/30/2018	0.114 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
8003716	10/07/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
8003715	09/18/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	09/01/2019 - 09/30/2019

8003712	07/24/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2019 - 07/31/2019
8003708	06/07/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
8003707	05/08/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	04/01/2019 - 04/30/2019
8003702	01/10/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1
Severity: Significant
Facility ID: WELL NO 1 RAY RD
Category: Source
Attachment Comments: Cap the open pipe at the casing of Ray Road well to prevent potential contamination.



Attachment #2
Severity: Minor
Facility ID: WELL NO 1 RAY RD
Category: Source
Attachment Comments: Needs screened discharge piping, downturned not to be closer than 18 inches to the ground



Attachment #3
Severity: Significant
Facility ID: WELL NO 2 HWY 546
Category: Source
Attachment Comments: Handle of sample tap broken.



Attachment #4
Severity: Recommendations
Facility ID: WELL #3
Category: Treatment
Attachment Comments: Chlorine bottles not restrained.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL: 7018 0680 0001 2497 7941

April 1, 2019

Jeff McNew
Hidden Oaks Subdivision Water System
P O Box 1257
West Monroe, LA 71294

Re: Class I Sanitary Survey
Hidden Oaks Subdivision Public Water System
PWS ID LA1073061
Ouachita Parish

Dear Mr. McNew:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 28, 2019 sanitary survey inspection of the public water supply system for HIDDEN OAKS SUBDIVISION WS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Carol Justus	LDH/ OPH Engineering Region8
Scott Green	LDH/ OPH Engineering Region 8
Camille Mize	Northeast Louisiana Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of inspection, the water system produced records showing they had adopted a formal Cross Connection Control Program, but the water system was not enforcing the program. A survey of the entire system must be completed to ensure that all customers, residential and commercial, are protected from potentially polluting the distribution system. High risk customers include but are not limited to restaurants, hospitals, schools, funeral homes, jails, churches, farms, customers with swimming pools, private wells, fountains, animal watering troughs, indoor fire protection, and others. An up-to-date customer listing must be compiled showing the critical customers within the distribution system. All commercial customers should be assessed for proper backflow prevention devices. Customers must be given notification of their obligations as part of the water systems working CCCP. All correspondence and required annual testing must be kept on file by the water system for review during sanitary surveys and inspections by LDH. Please provide a written statement to the LDH office of the actions that will be taken by the water system to enforce the CCCP as a requirement, provide an up-to-date list of critical customers, and secure current annual test reports for all customers with backflow preventers.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Carol Justus, RS
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
02/22/2019	0.065 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
02/22/2019	0.230 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
02/22/2019	0.258 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
12/18/2018	0.079 MG/L	0.060 MG/L	TOTAL	10/01/2018 - 12/31/2018

			HALOACETIC ACIDS (HAA5)	
12/18/2018	0.067 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
12/18/2018	0.316 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
12/18/2018	0.361 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
09/10/2018	68 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
09/10/2018	343 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
09/10/2018	373 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
06/14/2018	68 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2018 - 06/30/2018
06/14/2018	61 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2018 - 06/30/2018
06/14/2018	398 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
06/14/2018	371 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7354.

Respectfully,

Carol Justus

Carol Justus, RS

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2497 7835

April 12, 2019

Jeff McNew
PECAN LAKE SUBDIVISION WS
P O Box 1257
West Monroe, LA 71294

Re: Class I Sanitary Survey
PECAN LAKE SUBDIVISION WS Public Water System
PWS ID LA1073063
OUACHITA Parish

Dear Mr. McNew:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 28, 2019 sanitary survey inspection of the public water supply system for PECAN LAKE SUBDIVISION WS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Scott Green	LDH OPH Engineering Region 8
Carol Justus	LDH OPH Engineering Region 8
Camille Mize	Northeast Louisiana Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	40 CFR 141.403 and LAC 51:XII.344 - At the time of inspection, the water system produced records showing they had adopted a formal Cross Connection Control Program, but the water system was not enforcing the program. A survey of the entire system must be completed to ensure that all customers, residential and commercial, are protected from potentially polluting the distribution system. High risk customers include but are not limited to restaurants, hospitals, schools, funeral homes, jails, churches, farms, customers with swimming pools, private wells, fountains, animal watering troughs, indoor fire protection, and others. An up-to-date customer listing must be compiled showing the critical customers within the distribution system. All commercial customers should be assessed for proper backflow prevention devices. Customers must be given notification of their obligations as part of the water systems working CCCP. All correspondence and required annual testing must be kept on file by the water system for review during sanitary surveys and inspections by LDH. Please provide a written statement to the LDH office of the actions that will be taken by the water system to enforce the CCCP as a requirement, provide an up-to-date list of critical customers, and secure current annual test reports for all customers with backflow preventers.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Scott Green,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
02/22/2019	0.231 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
02/22/2019	0.281 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
11/30/2018	0.069 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
11/30/2018	0.062 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
11/30/2018	0.314 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
11/30/2018	0.385 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
09/10/2018	61 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
09/10/2018	378 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018

09/10/2018	317 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
05/30/2018	393 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
05/30/2018	322 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Scott Green, R.S.

Scott Green, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL: **7014 1820 0002 2150 9592**

June 25, 2019

Mr. Philip E. McQueen, President
HILLSIDE PARK SUBDIVISION WS
P O Box 1257
West Monroe, LA 71294

Re: Class I Sanitary Survey
HILLSIDE PARK SUBDIVISION WS Public Water System
PWS ID LA1073064
OUACHITA Parish

Dear Mr. McQueen:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 11, 2019 sanitary survey inspection of the public water supply system for HILLSIDE PARK SUBDIVISION WS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
Camille Mize	Northeast Louisiana Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

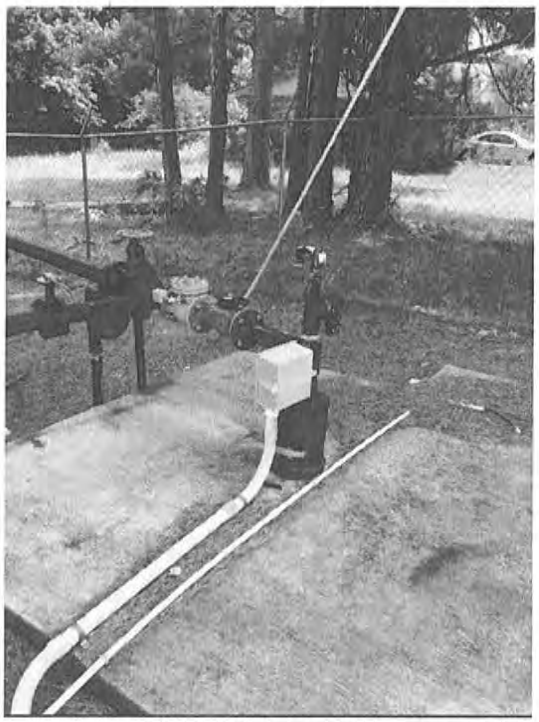
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: None

Facility ID: WELL #1

Category: Source

Attachment Comments: Well 1



Attachment #2

Severity: None

Facility ID: GROUND STORAGE TANK

Category: Finished Water Storage

Attachment Comments: Ground storage tank and discharge pipe.



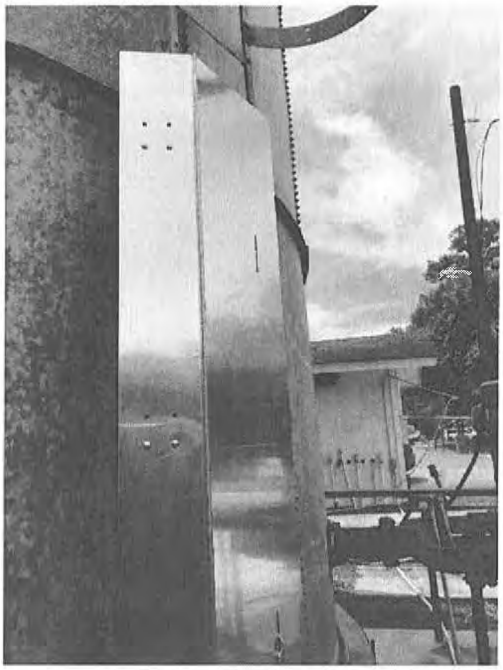
Attachment #3

Severity: None

Facility ID: GROUND STORAGE TANK

Category: Finished Water Storage

Attachment Comments: Ground storage tank discharge pipe screen.



Attachment #4

Severity: None

Facility ID: GROUND STORAGE TANK

Category: Finished Water Storage

Attachment Comments: Ground storage tank ladder lock.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7014 1820 2150 9578

September 30, 2019

Mr. Philip E. McQueen, President
LAKESHORE SWARTZ WATER SYSTEM
P O Box 1257
West Monroe, LA 71294

Re: Class I Sanitary Survey
LAKESHORE SWARTZ WATER SYSTEM Public Water System
PWS ID LA1073071
OUACHITA Parish

Dear Mr. McQueen:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 20, 2019 sanitary survey inspection of the public water supply system for LAKESHORE SWARTZ WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
Camille Mize	Northeast Louisiana Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the inspection, it was noted the Lakeshore Swartz Water System had adopted a formal cross connection control program, however the program had not yet been fully implemented. Enforce the cross connection control plan for the system.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No obsérvations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
P O Box 6118
Monroe, Louisiana 71211-6118

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
06/24/2019	0.072 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2019 - 06/30/2019
06/24/2019	0.070 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2019 - 06/30/2019
06/24/2019	0.070 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2019 - 06/30/2019
03/26/2019	0.062 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: None

Facility ID: GROUND

Category: Finished Water Storage

Attachment Comments: Screened discharge at ground storage tank overflow.



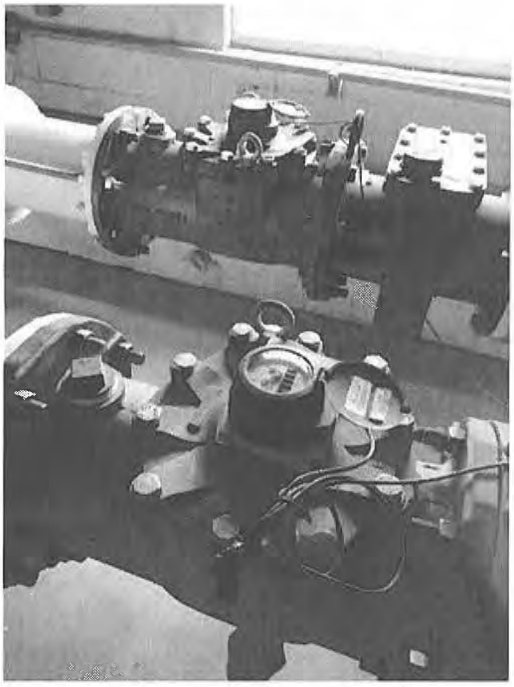
Attachment #2

Severity: None

Facility ID: GROUND

Category: Finished Water Storage

Attachment Comments: Screened discharge at ground storage tank overflow



Attachment #3

Severity: None

Facility ID: PURCHASE FROM LA1073031 MONROE WS

Category: Source

Attachment Comments: Master meters in pump house room



Attachment #4

Severity: None

Facility ID: TREATMENT PLANT

Category: Treatment

Attachment Comments: Chlorine booster tank building

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL: 7018 0680 0001 2497 7958

April 1, 2019

Jeff McNew
Lincoln Hills Subdivision Water
P O Box 1257
West Monroe, LA 71294

Re: Class I Sanitary Survey
Lincoln Hills Subdivision Public Water System
PWS ID LA1073090
Ouachita Parish

Dear Mr. McNew:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 28, 2019 sanitary survey inspection of the public water supply system for LINCOLN HILLS SUBDIVISION WS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Carol Justus	LDH/OPH Engineering Region 8
Scott Green	LDH/OPH Engineering Region 8
Camille Mize	Northeast Louisiana Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of inspection, the water system produced records showing they had adopted a formal Cross Connection Control Program, but the water system was not enforcing the program. A survey of the entire system must be completed to ensure that all customers, residential and commercial, are protected from potentially polluting the distribution system. High risk customers include but are not limited to restaurants, hospitals, schools, funeral homes, jails, churches, farms, customers with swimming pools, private wells, fountains, animal watering troughs, indoor fire protection, and others. An up-to-date customer listing must be compiled showing the critical customers within the distribution system. All commercial customers should be assessed for proper backflow prevention devices. Customers must be given notification of their obligations as part of the water systems working CCCP. All correspondence and required annual testing must be kept on file by the water system for review during sanitary surveys and inspections by LDH. Please provide a written statement to the LDH office of the actions that will be taken by the water system to enforce the CCCP as a requirement, provide an up-to-date list of critical customers, and secure current annual test reports for all customers with backflow preventers.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Carol Justus, RS
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
02/22/2019	0.310 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
02/22/2019	0.293 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
11/30/2018	0.069 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
11/30/2018	0.066 MG/L	0.060 MG/L	TOTAL	10/01/2018 - 12/31/2018

			HALOACETIC ACIDS (HAA5)	
11/30/2018	0.396 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
11/30/2018	0.422 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
09/10/2018	61 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
09/10/2018	406 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
09/10/2018	377 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
05/30/2018	61 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2018 - 06/30/2018
05/30/2018	393 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
05/30/2018	400 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
34	10/04/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	10/01/2018 - 10/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7354.

Respectfully,

Carol Justus

Carol Justus, RS

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7014 1820 0002 2150 9639

August 7, 2019

Mr. Terry Ware, President
CHENIERE DREW SOUTH WATER SYSTEM
P O Box 35888
West Monroe, LA 71294

Re: Class I Sanitary Survey
CHENIERE DREW SOUTH WATER SYSTEM Public Water System
PWS ID LA1073099
OUACHITA Parish

Dear Mr. Ware:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 25, 2019 sanitary survey inspection of the public water supply system for CHENIERE DREW SOUTH WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
Kenneth Howell	M & N Utilities Inc
Rob Mahoney	M & N Utilities Inc
John Nichols	M & N Utilities Inc

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing,

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the inspection it was noted the Cheniere Drew Water System is not enforcing a formal cross connection control program. Have the water system surveyed by a qualified individual to identify customer with potential contamination hazards and enforce the cross connection control program.
FACILITY	CATEGORY	FINDINGS
1073099-002 - WELL #4, MILLER/SHELBY	Source	At the time of the inspection, it was noted that corrosion was occurring into the area of the casing where the sanitary seal is located at the Miller Shelby Well site. Have a licensed well driller evaluate the casing and sanitary seal and replace if necessary.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
06/07/2019	0.091 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
11/30/2018	0.091 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
10/25/2018	95 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering
Attachments

Attachments

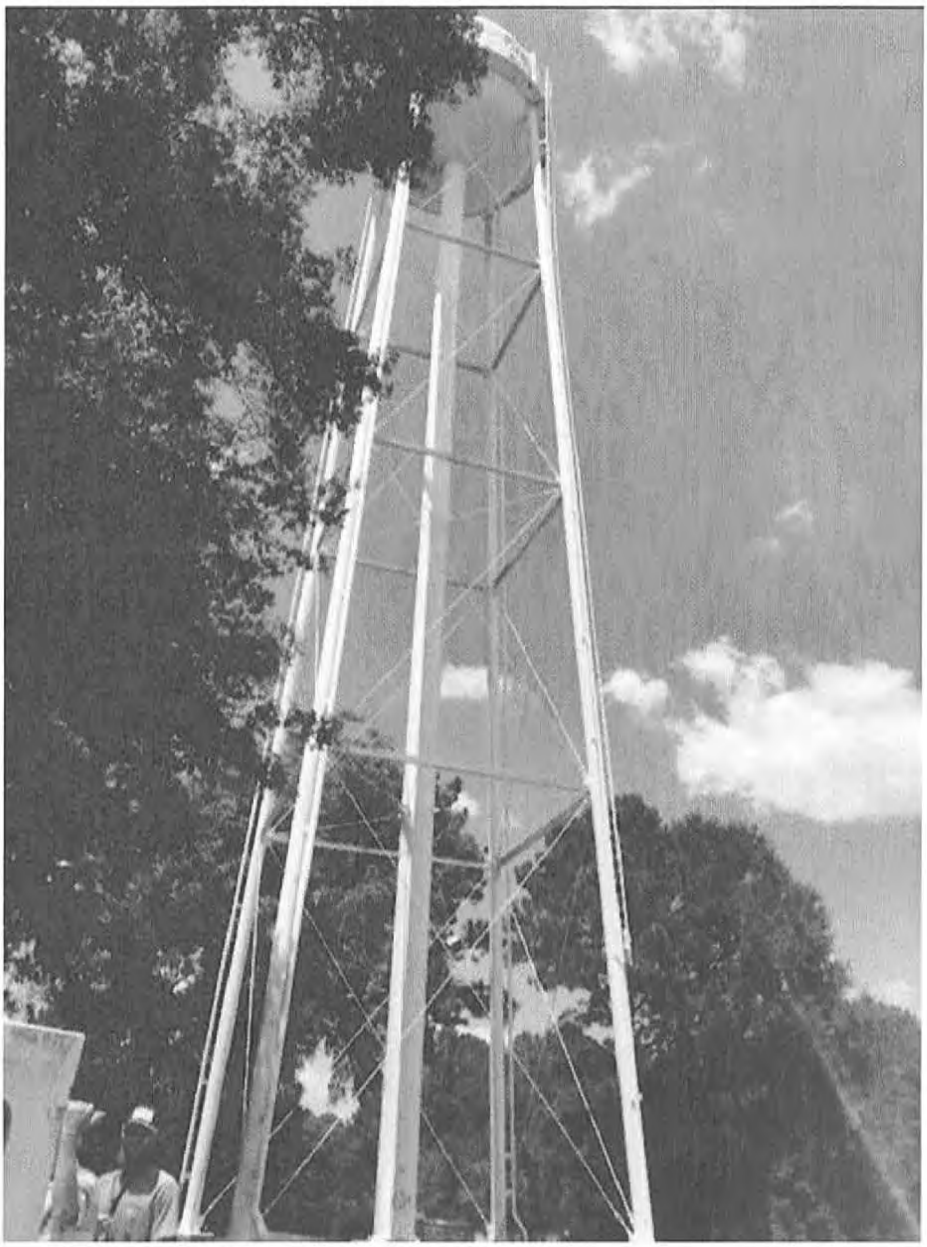


Attachment #1

Severity: None

Category: M&R and Data Verification

Attachment Comments: The area at the top of the casing has rust and corrosion of the pipe and the area has been previously caulked.



Attachment #2

Severity: None

Facility ID: ELEVATED

Category: Finished Water Storage

Attachment Comments: None



Attachment #3

Severity: None

Facility ID: WELL #3

Category: Source

Attachment Comments: None

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7014 1820 0002 2150 9646

August 7, 2019

Mr. Terry Ware, President
CHENIERE DREW NORTH WATER SYSTEM
P O Box 35888
West Monroe, LA 71294

Re: Class I Sanitary Survey
CHENIERE DREW NORTH WATER SYSTEM Public Water System
PWS ID LA1073100
OUACHITA Parish

Dear Mr. Ware:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 25, 2019 sanitary survey inspection of the public water supply system for CHENIERE DREW NORTH WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
Kenneth Howell	M & N Utilities Inc
Rob Mahoney	M & N Utilities Inc
John Nichols	M & N Utilities Inc

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of the inspection, it appears there were no point of entry sample stations (POE) located at the Brownlee and Eagle Lake sites that are located on the transmission line leaving the site (after all treatment and storage) and before the distribution line. Please ensure a point of entry sample station (POE) is located at on the transmission line leaving the site (after all treatment and storage) and before the distribution line at all well site of the system.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the inspection it was noted the Cheniere Drew Water System is not enforcing a formal cross connection control program. Have the water system surveyed by a qualified individual to identify customer with potential contamination hazards and enforce the cross connection control program.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL005 - CARLTON ELEVATED TANK	Finished Water Storage	At the time of the inspection, rust was noted on several locations of the elevated storage tank at the Carlton well site. Have a tank painter evaluate and take appropriate action to keep the tank from rusting. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to

this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

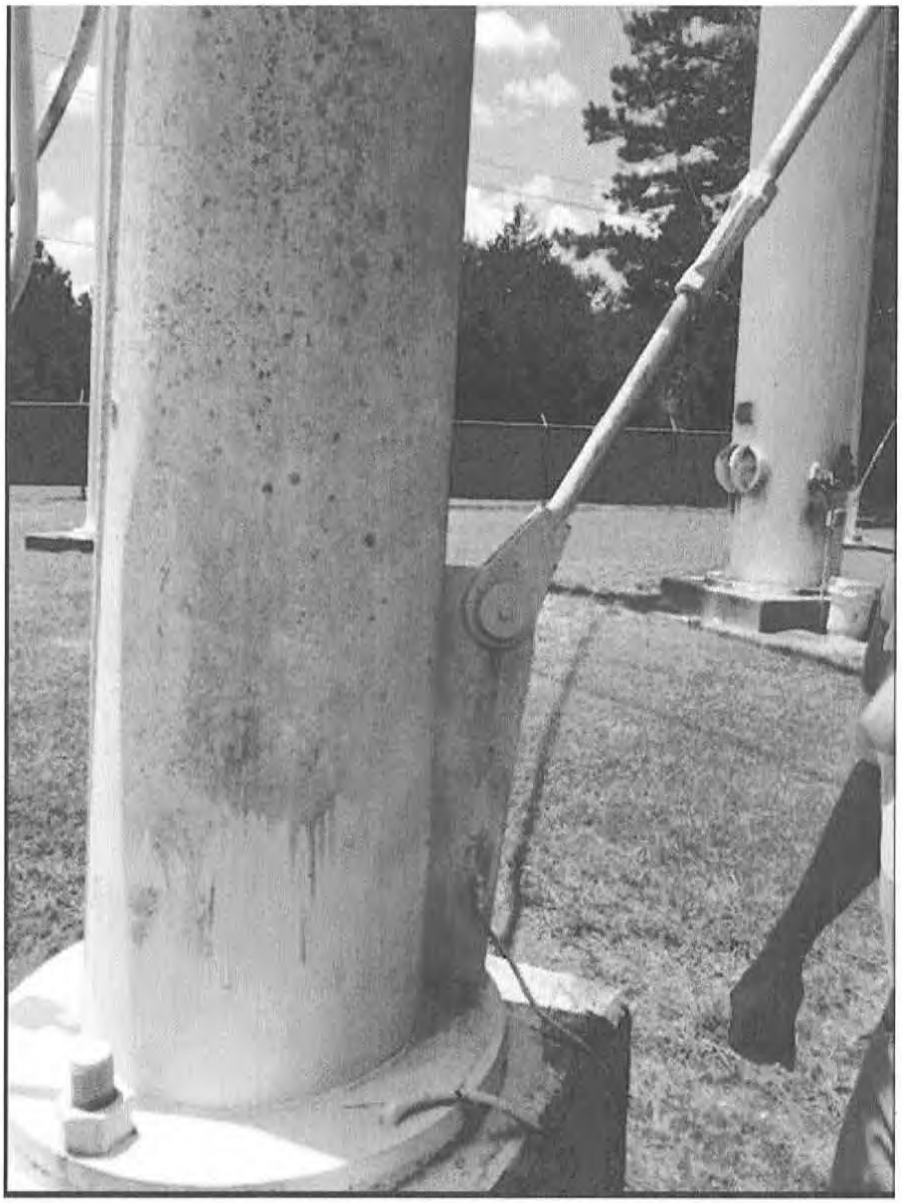
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,



Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering
Attachments



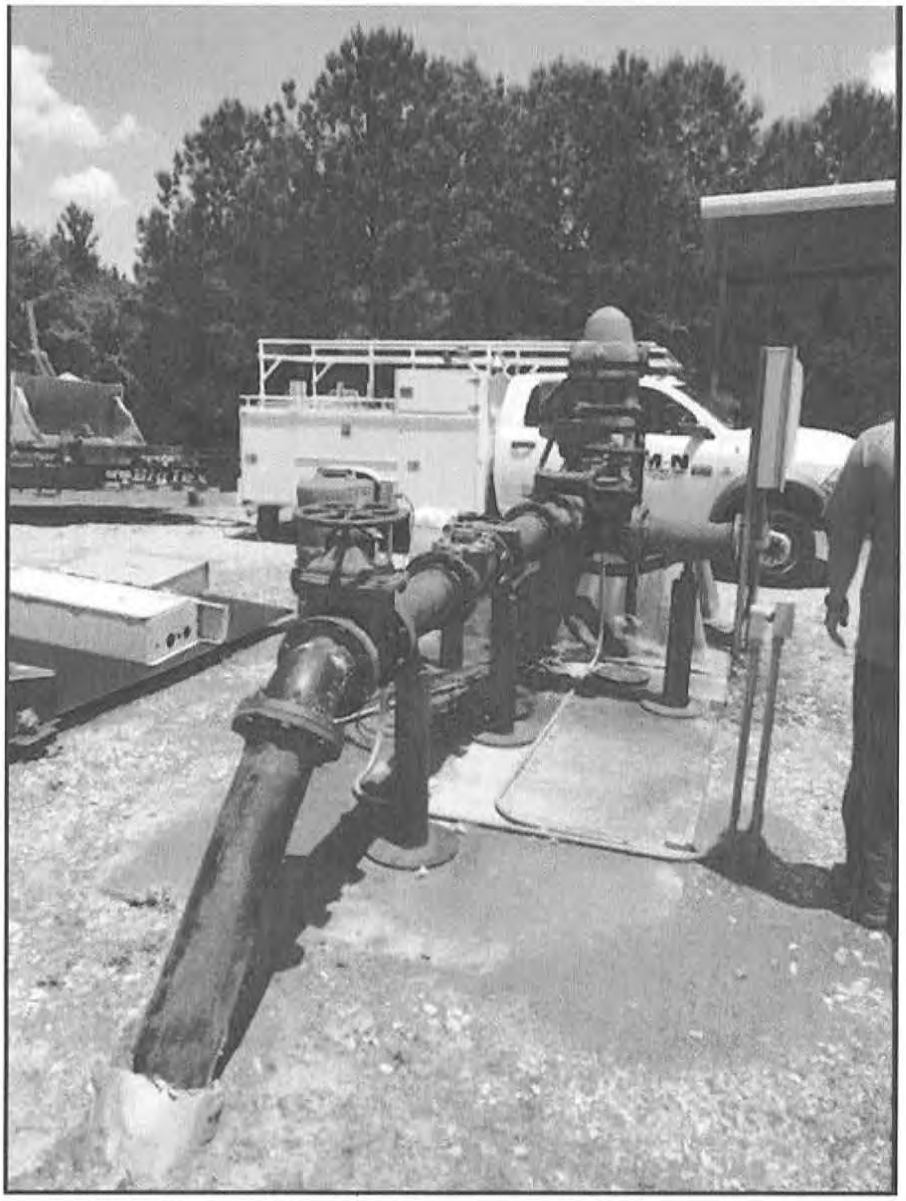
Attachment #1

Severity: Minor

Facility ID: CARLTON ELEVATED TANK

Category: Finished Water Storage

Attachment Comments: Rust beginning to occur at the elevated storage tank at the Carlton Well site



Attachment #2

Severity: None

Facility ID: WELL #7 - BROWNLEE ROAD

Category: Source

Attachment Comments: None



Attachment #3

Severity: None

Facility ID: CARLTON WELL

Category: Source

Attachment Comments: None

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2490 8259 – Return Receipt Requested

September 9, 2019

Jeff McNew
Wildwood MHP Water System
P O Box 1257
West Monroe, LA 71294

Re: Class I Sanitary Survey
Wildwood MHP Water System
PWS ID LA1073110
Ouachita Parish

Dear Mr. McNew:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 28, 2019 sanitary survey inspection of the public water supply system for Wildwood MHP Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH/OPH Engineering Services Region VIII
Camille Mize	Northeast Louisiana Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
08/05/2019	0.095 mg/L	0.080 mg/L	TTHM	07/01/2019 - 09/30/2019
05/15/2019	0.172 mg/L	0.080 mg/L	TTHM	04/01/2019 - 06/30/2019
05/15/2019	0.190 mg/L	0.080 mg/L	TTHM	04/01/2019 - 06/30/2019
02/07/2019	0.296 mg/L	0.080 mg/L	TTHM	01/01/2019 - 03/31/2019
02/07/2019	0.256 mg/L	0.080 mg/L	TTHM	01/01/2019 - 03/31/2019
11/05/2018	68 µg/L	60 µg/L	Total Haloacetic Acids (HAA5)	10/01/2018 - 12/31/2018
11/05/2018	341 µg/L	80 µg/L	TTHM	10/01/2018 - 12/31/2018
11/05/2018	392 µg/L	80 µg/L	TTHM	10/01/2018 - 12/31/2018

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7246 or by email at Rory.Dobbs@LA.Gov.

Respectfully,

Rory Dobbs,
Engineer Intern II

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2490 8266 – Return receipt Requested

September 9, 2019

Jeff McNew
Country Estates Water System South
P.O. Box 1257
West Monroe, LA 71294

Re: Class I Sanitary Survey
Country Estates Water System South
PWS ID LA1073118
Ouachita Parish

Dear Mr. McNew:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 28, 2019 sanitary survey inspection of the public water supply system for Country Estates Water System South. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH/OPH Engineering Services Region VIII
Camille Mize	Northeast Louisiana Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
06/24/2019	0.228 mg/L	0.080 mg/L	TTHM	04/01/2019 - 06/30/2019
06/24/2019	0.186 mg/L	0.080 mg/L	TTHM	04/01/2019 - 06/30/2019
02/22/2019	0.067 mg/L	0.060 mg/L	Total Haloacetic Acids (HAA5)	01/01/2019 - 03/31/2019
02/22/2019	0.280 mg/L	0.080 mg/L	TTHM	01/01/2019 - 03/31/2019
02/22/2019	0.292 mg/L	0.080 mg/L	TTHM	01/01/2019 - 03/31/2019
11/30/2018	0.080 mg/L	0.060 mg/L	Total Haloacetic Acids (HAA5)	10/01/2018 - 12/31/2018
11/30/2018	0.400 mg/L	0.080 mg/L	TTHM	10/01/2018 - 12/31/2018
11/30/2018	0.369 mg/L	0.080 mg/L	TTHM	10/01/2018 - 12/31/2018
09/10/2018	76 µg/L	60 µg/L	Total Haloacetic Acids (HAA5)	07/01/2018 - 09/30/2018
09/10/2018	387 µg/L	80 µg/L	TTHM	07/01/2018 - 09/30/2018
09/10/2018	407 µg/L	80 µg/L	TTHM	07/01/2018 - 09/30/2018

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7246 or by email at Rory.Dobbs@LA.Gov.

Respectfully,

Rory Dobbs,
Engineer Intern II

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 0680 0001 2490 7139** – Return Receipt Requested

November 4, 2019

Adam Steltz
Georgia-Pacific Corporation
Post Office Box 35806
West Monroe, LA 71294

Re: Class I Sanitary Survey
Georgia Pacific Corporation
PWS ID LA2073042
Ouachita Parish

Dear Mr. Steltz:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 28, 2019 sanitary survey inspection of the public water supply system for Georgia Pacific Corporation (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tyler Lollis	LDH/OPH Engineering Services Region VIII
Ben Bridges	Southern Environmental Group, Operator
Adam Steltz	Georgia-Pacific, EHS Manager

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	It was found during the sanitary survey that the sample tap located in the "Corrugator Restroom" was not entirely representative of the water quality being provided by the water supply. Additionally, it was found that during the course of some piping work in the "Boiler Room", the sample tap previously located there was removed. Lastly, the Point of Entry (POE) sample tap located near the Hydro-pneumatic tank should be raised to at least 18 inches above ground surface to facilitate sample collection. The water supply must provide suitable taps which draw water directly from the mains or the service lines. Such taps provide for samples which are most representative of the quality of water provided without "interference" which may be caused by plumbing problems within residences or other structures. Use of such taps decreases the chance of "bad samples" resulting in a coliform maximum contaminant level (MCL) violation which requires public notification by the public water supply and an administrative enforcement action by the EPA/DHH against the public water supply. Please install a suitable sample tap close to the current MRT that draws directly from the water line, replace the tap in the "Boiler Room", and raise the POE tap.
FACILITY	CATEGORY	FINDINGS
2073042-001 - WELL #1	Source	At the time of inspection, the paint on the well discharge piping and casing was faded and flaking off. The well casing and discharge piping must be cleaned and repainted to provide protection from physical damage due to rust, corrosion, and pitting. (See Attachment No. 1) It was found that air release-vacuum relief valve did not terminate in a down-turned position. The valve must be located upstream from the check valve, with exhaust/relief piping terminating in a down-turned position at least 18 inches above the floor and covered with a 24 mesh corrosion resistant screen. Repair the valve such that the exhaust piping terminates in a down-turned position.
FACILITY	CATEGORY	FINDINGS
2073042-002 - WELL #2	Source	At the time of inspection, the paint on the well discharge piping and casing was faded and flaking off. The well casing and discharge piping must be cleaned and repainted to provide protection from physical damage due to rust, corrosion, and pitting. (See Attachment No. 2)

FACILITY	CATEGORY	FINDINGS
2073042-002 - WELL #2	Source	It was found that air release-vacuum relief valve did not terminate in a down-turned position. The valve must be located upstream from the check valve, with exhaust/relief piping terminating in a down-turned position at least 18 inches above the floor and covered with a 24 mesh corrosion resistant screen. Repair the valve such that the exhaust piping terminates in a down-turned position.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was noted that the system had secondary standards to validate colorimeters but did not maintain a colorimeter validation log. Colorimeters should be validated periodically according to the manufacturer's recommended procedure and frequency to ensure the accuracy of the readings. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well.
FACILITY	CATEGORY	FINDINGS
2073042-001 - WELL #1 & 2073042-002 - WELL #2	Source	During inspection, it was found that the concrete slabs did not extend two and one-half feet in each direction. When concrete slabs are placed around water wells at ground surface, they should be at least 4 inches thick and extend at least two and one-half feet from the well in all directions. The surface of the slab must be sloped to drain away from the well.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The system may want to investigate the use of variable frequency drive pumps in the distribution system to reduce potential air diffusion issues noted with the hydro-pneumatic tank and improve efficiency of water distribution. Online chlorine analyzers may also be of benefit to the water system if installed at the POE and MRT sample locations, which are required to be monitored at least 1/day. Please consult this Office for permitting requirements.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Tyler Lollis,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7210.

Respectfully,

Tyler Lollis

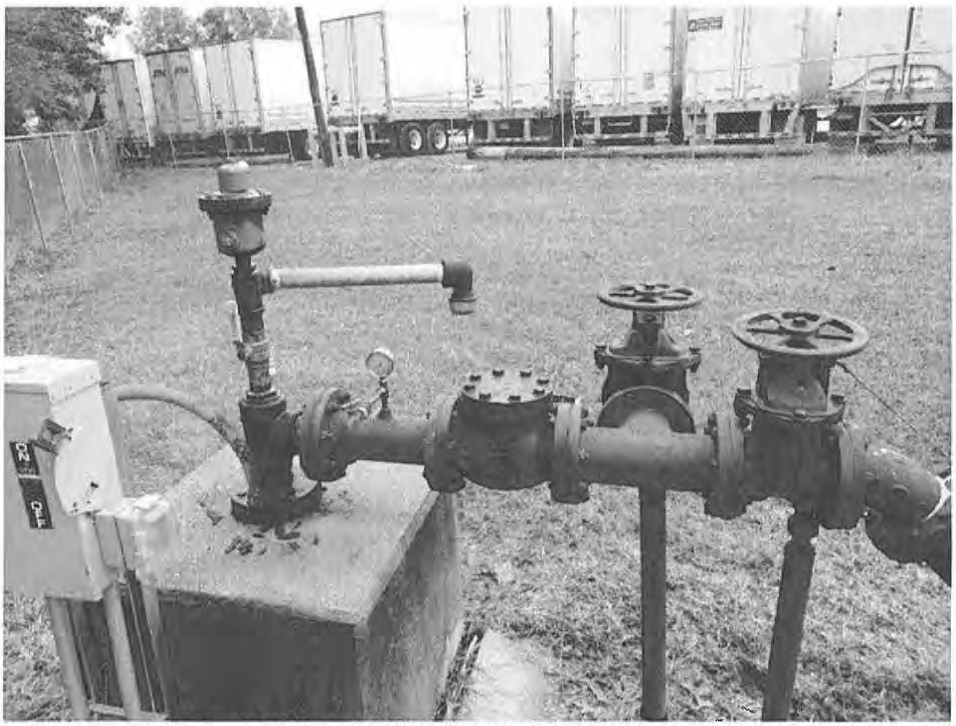
Tyler Lollis, E.I.
Region 8 – Monroe
LDH/OPH Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH/OPH Engineering Services
File

Attachments



Attachment No. 1 – Well #1 Casing and Discharge Paint



Attachment No. 2 – Well #2 Casing and Discharge Paint

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2490 7740 – Return Receipt Requested

October 15, 2019

Michel Sussman
Graphic Packaging International Inc. – A
P O Box 35800
West Monroe, LA 71294

Re: Class I Sanitary Survey
Graphic Packaging International Inc. – A Water System
PWS ID LA2073043
Ouachita Parish

Dear Mr. Sussman:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 3, 2019 sanitary survey inspection of the public water supply System for Graphic Packaging International Inc. – A. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH/OPH Engineering Services Region VIII
Elizabeth Smith	Graphic Packaging International

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

Facility	Category	Findings
2073043-001 & 002 - Wells #2 & #3	Source	At the time of inspection, Wells #2 & #3 showed noticeable signs of rust and flaking paint. Please have the wells cleaned and painted to prevent possible pathways for contamination. See attachment 1.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7246 or by email at Rory.Dobbs@LA.Gov.

Respectfully,

Rory Dobbs,
Engineer Intern II

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments:



Attachment #1: Flaking paint and rust on well discharge piping.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2490 7757 – Return Receipt Requested

October 15, 2019

Michel Sussman
Graphic Packaging International Inc.
P O Box 35800
West Monroe, LA 71294

Re: Class I Sanitary Survey
Graphic Packaging International Inc – B Water System
PWS ID LA2073044
Ouachita Parish

Dear Mr. Sussman:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 3, 2019 sanitary survey inspection of the public water supply system for Graphic Packaging International Inc – B. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH/OPH Engineering Services Region VIII
Elizabeth Smith	Graphic Packaging International

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

Facility	Category	Findings
Management	Other	At the time of inspection, Well #7 had a sample tap installed that was threaded and too low to permit sampling. Please remove the threads or install a vacuum breaker to remove the possibility of back-siphonage into the water source. See attachment 1.
Facility	Category	Findings
2073044-002 - Well #7	Source	At the time of inspection, Well #7 showed noticeable signs of rust and flaking paint. Please have the well cleaned and painted to prevent a possible pathway for contamination. See attachment 2.

Deficiencies

Facility	Category	Findings
2073044-001 - Well #4	Source	At the time of inspection, Well #4 showed minor signs of rust and flaking paint. Please have the well cleaned and painted to prevent a possible pathway for contamination.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

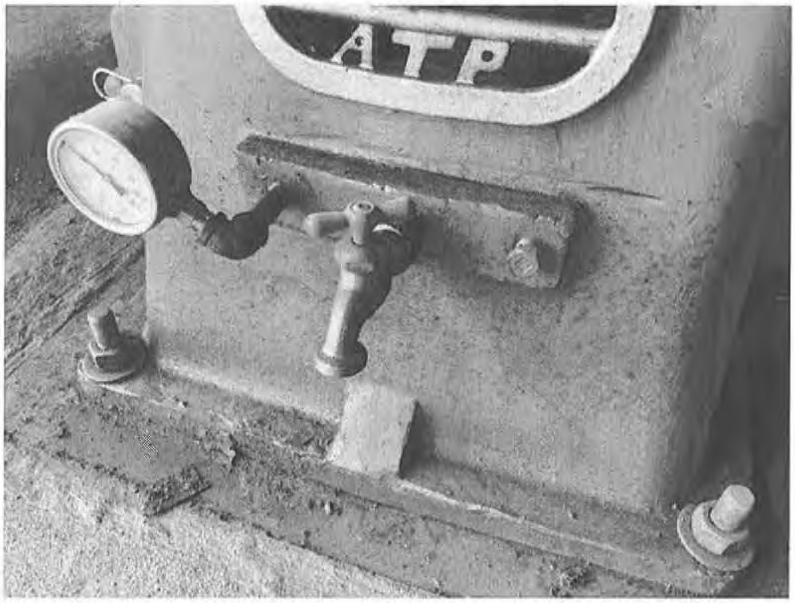
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7246 or by email at Rory.Dobbs@LA.Gov.

Respectfully,

Rory Dobbs,
Engineer Intern II

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments:



Attachment 1: Threaded sample tap on Well #7.



Attachment 2: Rust and flaking paint on Well #7 discharge piping.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 2870 0001 2187 0688

February 14, 2019

Todd Eppley
BELLE CHASSE WATER DISTRICT
333 F Edward Hebert Blvd, Bldg. 100
Belle Chasse, LA 70037

Re: Class I Sanitary Survey
BELLE CHASSE WATER DISTRICT Public Water System
PWS ID LA1075001
PLAQUEMINES Parish

Dear Mr. Eppley:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 28, 2019 sanitary survey inspection of the public water supply system for BELLE CHASSE WATER DISTRICT (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Parker Allen	LDH/OPH Region I Engineer
Alicia Martinez	LDH/OPH District I Engineer
Christopher Chiasson	Operator, Inframark
Jamie Bordelon	Operator, Inframark

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing.

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/14/2016	08/01/2016	Sanitary Survey, Partial Final	Minor	M&R and Data Verification	TP001-SURFACE WATER TREATMENT PLANT
Comments: The fluoride feedline does not have an anti siphon device. # The bulk storage tank and the day tank are hard piped with valves. An indirect connection between the bulk storage tank and the day tank should be provided to prevent the possibility for the valving to be left open and siphonage of the bulk storage tank. #One diaphragm operated anti-siphon device shall be located on the discharge side of the feed pump,					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/14/2016	08/01/2016	Sanitary Survey, Partial Final	Minor	M&R and Data Verification	TP001-SURFACE WATER TREATMENT PLANT
Comments: The electrical outlet used for the fluoride feed pump and the raw river water pumps are not electrically connected. #The electrical outlet used for the fluoride feed pump should have a nonstandard receptacle and shall be interconnected with the well or service pump.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
GR003 - SMALL CLEARWELL AT PLANT	Finished Water Storage	The vent pipe opening from the clear well is less than 24 inches above the roof of the clearwell. The vent pipe openings are also missing 24 mesh screens. **Attachment #1** LAC 51:XII.337.C - Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of

		a tank, the ground surface or the surface of other water supply structures. LAC 51:XII.225.K.4 - Finished water storage structures shall be vented. The overflow pipe shall not be considered a vent. Open construction between the sidewall and roof is not permissible. Vents shall, on ground-level structures, open downward with the opening at least 24 inches above the roof or sod and covered with twenty-four mesh non-corrodible screen. The screen shall be installed within the pipe at a location least susceptible to vandalism.
FACILITY	CATEGORY	FINDINGS
GR004 - LARGE CLEARWELL AT PLANT	Finished Water Storage	The vent pipe opening from the clear well is less than 24 inches above the roof of the clearwell. The vent pipe openings are also missing 24 mesh screens. **Attachment #2** LAC 51:XII.337.C - Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures. LAC 51:XII.225.K.4 - Finished water storage structures shall be vented. The overflow pipe shall not be considered a vent. Open construction between the sidewall and roof is not permissible. Vents shall, on ground-level structures, open downward with the opening at least 24 inches above the roof or sod and covered with twenty-four mesh non-corrodible screen. The screen shall be installed within the pipe at a location least susceptible to vandalism.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The automatic desludging system for the upflow clarifier is not operating as designed. The desludging process is currently performed manually, which can significantly reduce the effectiveness of the clarification process if operated in error. **Attachment #3** LAC 51:XII.105.A - No public water supply shall be hereafter constructed, operated or modified to the extent that the capacity, hydraulic conditions, functioning of treatment processes, or the quality of finished water is affected, without, and except in accordance with the

		plans and specifications for the installation which have been approved, in advance, as part of a permit submitted by the person having responsible charge of a municipality owned public water supply or by the owner of a privately owned public water supply. The permit shall be issued by the state health officer prior to the start of such construction or modification.
FACILITY	CATEGORY	FINDINGS
DS0950 – Distribution System	Distribution System	The current cross connection control program and ordinance do not meet the requirements of the State to have each back flow prevention device tested and inspected annually. **Attachment #4** LAC 51:XII.344 - Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods. 2015 IPC §312.10.2 – Reduced pressure principle, double check, pressure vacuum breaker, reduced pressure detector fire protection, double check detector fire protection, and spill-resistant vacuum breaker backflow preventer assemblies and hose connection backflow preventers shall be tested at the time of installation, immediately after repairs or relocation and at least annually.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - 1.1 MG GROUND STORAGE AT PLANT	Finished Water Storage	The overflow piping was elevated over 24 inches above the ground. Also, there were no splash plates below any of the overflow lines. LAC 51:XII.225.I.1 - All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate.
FACILITY	CATEGORY	FINDINGS

GR002 - 2.2 MG GROUND STORAGE AT PLANT	Finished Water Storage	The overflow piping was elevated over 24 inches above the ground. Also, there were no splash plates below any of the overflow lines. LAC 51:XII.225.I.1 - All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate.
FACILITY	CATEGORY	FINDINGS
GR002 - 2.2 MG GROUND STORAGE AT PLANT	Finished Water Storage	There was significant pooling around the overflows of the ground storage tank (reservoir). LAC 51:XII.225.R - The area surrounding a ground-level structure shall be graded in a manner that will prevent surface water from standing within 50 feet of it.
FACILITY	CATEGORY	FINDINGS
GR001 - 1.1 MG GROUND STORAGE AT PLANT	Finished Water Storage	There was significant pooling around the overflows of the ground storage tank (reservoir). LAC 51:XII.225.R - The area surrounding a ground-level structure shall be graded in a manner that will prevent surface water from standing within 50 feet of it.
FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER TREATMENT PLANT	Treatment	Adequate housing should be provided for the chlorination equipment and for storing the chlorine out of sunlight. LAC 51:XII.209.D.1.b. Sodium Hypochlorite. Sodium hypochlorite storage and handling procedures should be arranged to minimize the slow natural decomposition process of sodium hypochlorite either by contamination or by exposure to more extreme storage conditions. In addition, feed rates should be regularly adjusted to compensate for this progressive loss in chlorine content. Storage containers or tanks shall be located out of the sunlight in a cool area and shall be vented to the outside of the building when enclosed.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001- SURFACE WATER TREATMENT PLANT	Treatment	The water pipes are showing signs of corrosion. This corrosion can result in leaks if not treated. The water pipes should be cleaned and painted to prevent further corrosion.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Metro Region I
Attn: Parker Allen,
1450 Poydras Street, Suite 1827, Benson Towers
New Orleans, Louisiana 70112

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

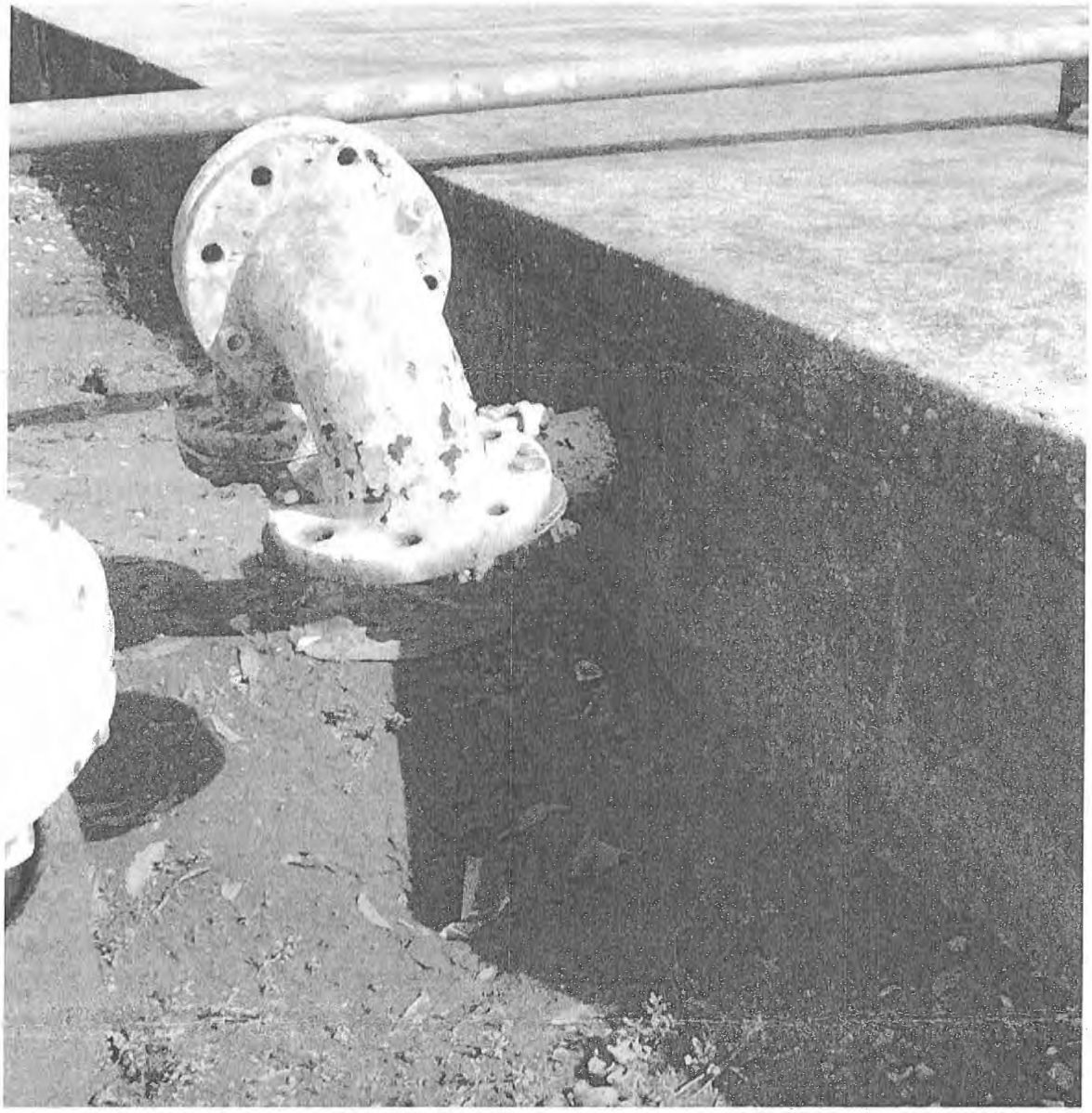
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (504) 599-0140.

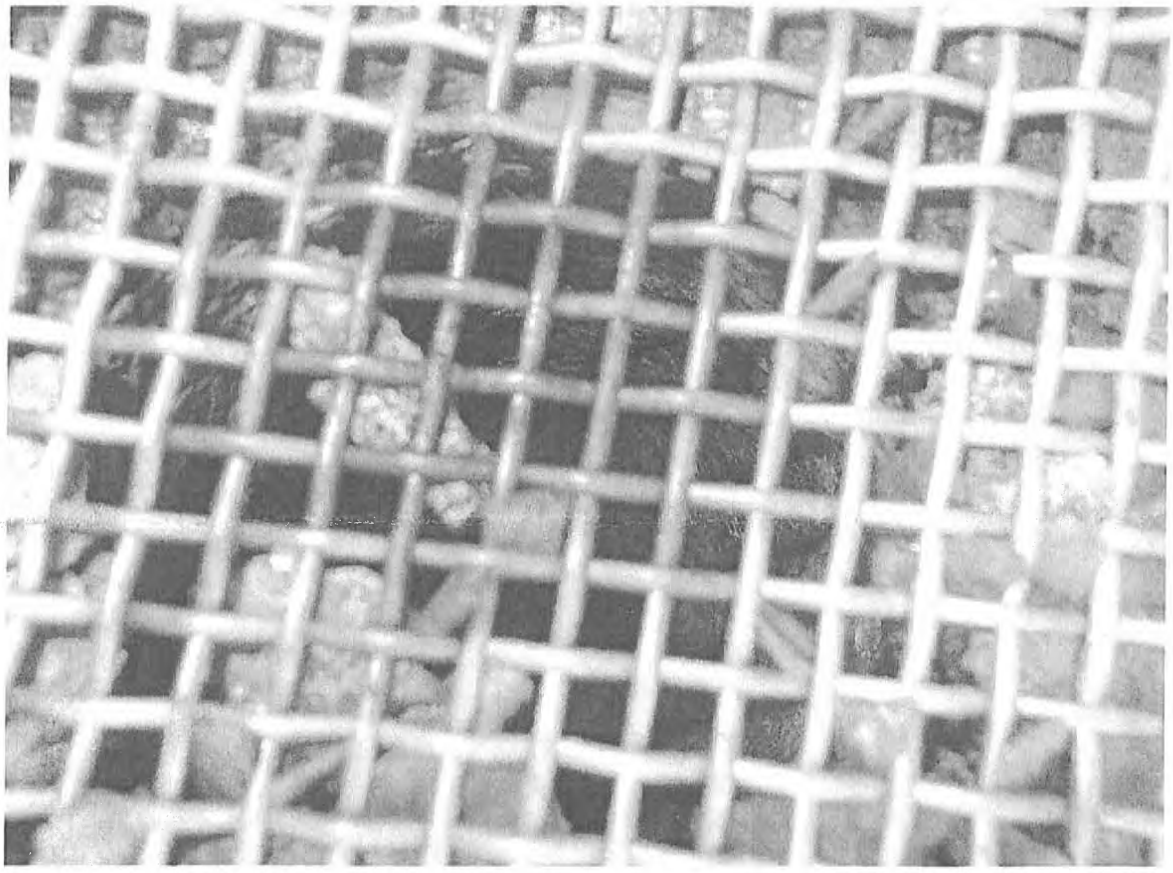
Respectfully,

Parker Allen, E.I.
Region 1 Engineer Intern
LDH/OPH – District 1

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering
Alicia Martinez, P.E., District 1 Engineer, LDH-OPH-Engineering

Attachments





Attachment #1

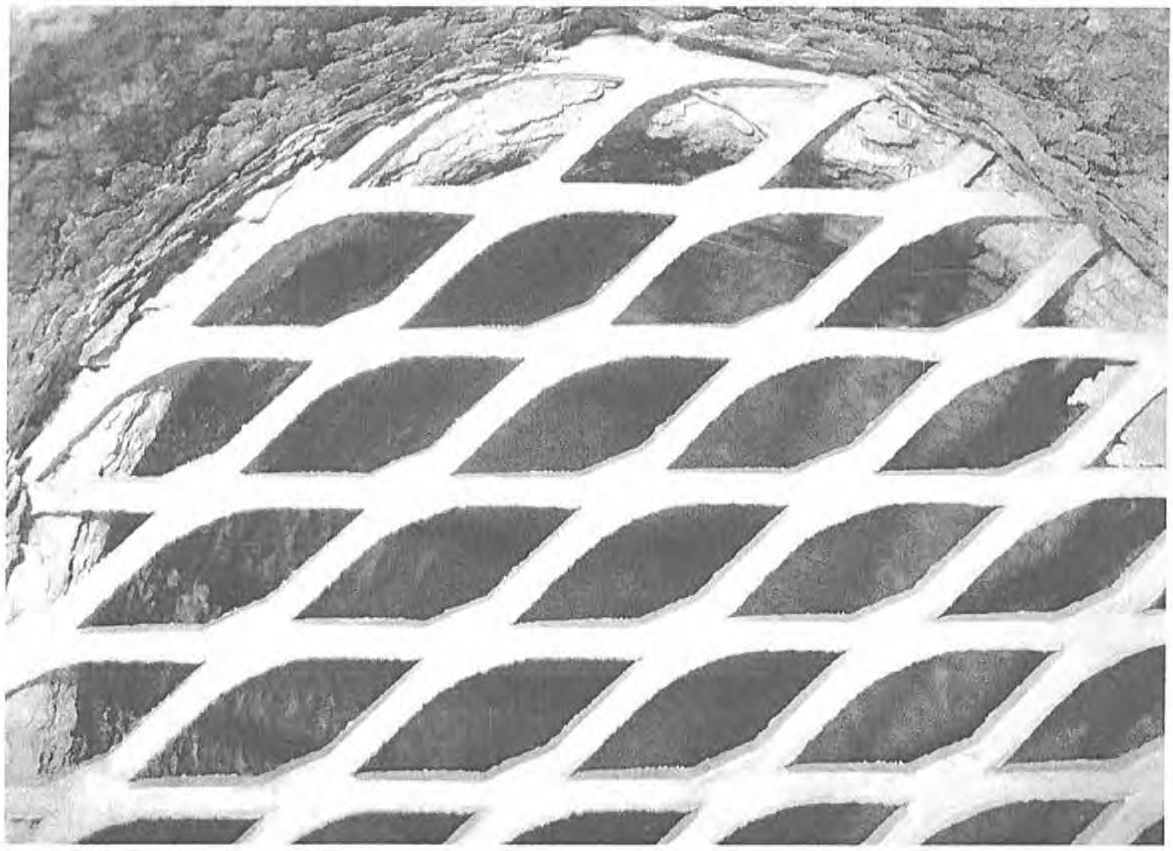
Severity: Significant

Facility ID: GR003 – Small Clearwell at Plant

Category: Finished Water Storage

Attachment Comments: The vent pipe opening from the clear well is less than 24 inches above the roof of the clearwell. The vent pipe openings are also missing 24 mesh screens.





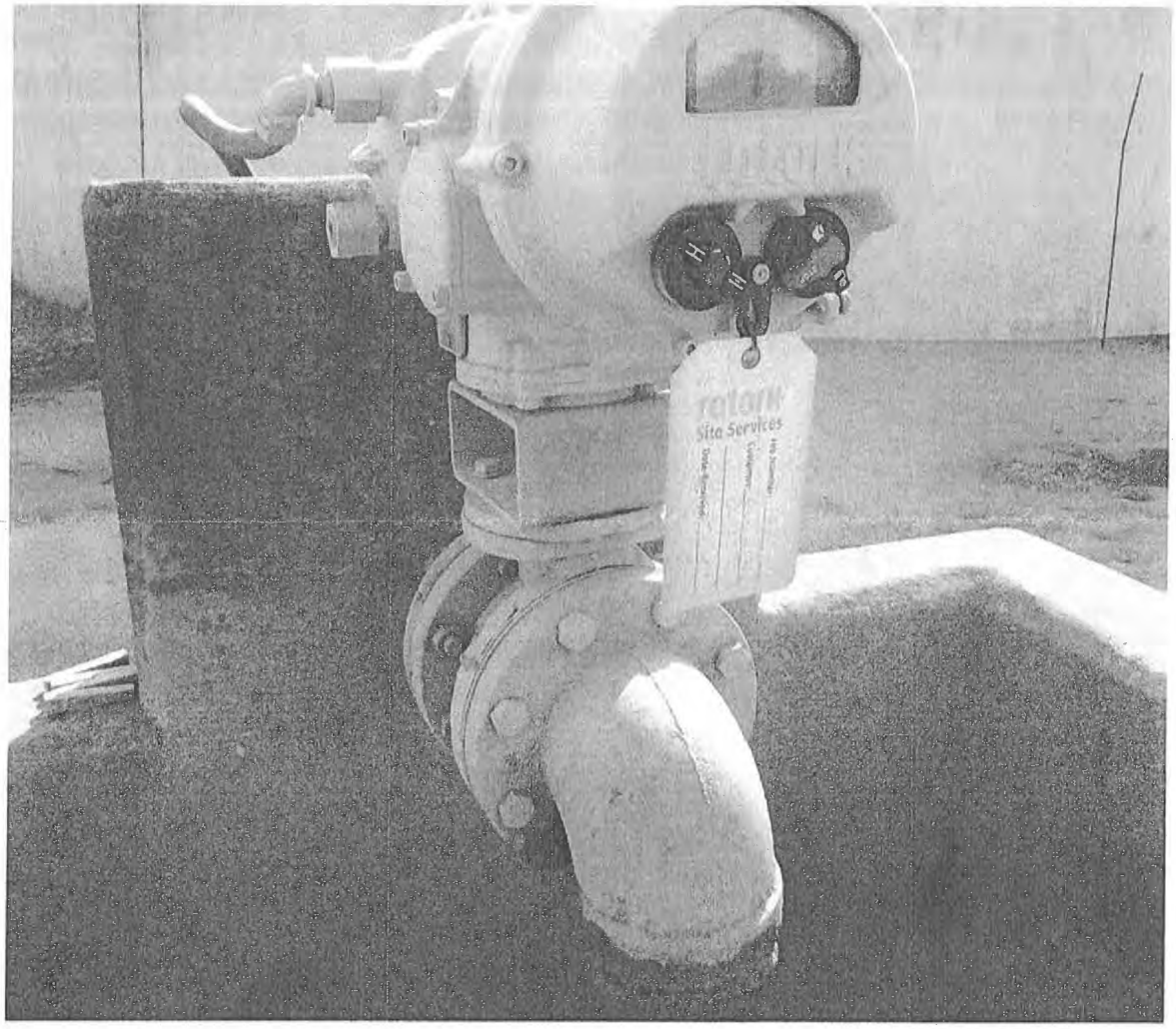
Attachment #2

Severity: Significant

Facility ID: GR004 – Small Clearwell at Plant

Category: Finished Water Storage

Attachment Comments: The vent pipe opening from the clear well is less than 24 inches above the roof of the clearwell. The vent pipe openings are also missing 24 mesh screens.



Attachment #3

Severity: Significant

Facility ID: Management

Category: System Management and Operation

Attachment Comments: The automatic desludging system for the upflow clarifier is not operating as designed. The desludging process is currently performed manually, which can significantly reduce the effectiveness of the clarification process if operated in error.

ORDINANCE NO. 19-

The following Ordinance was offered by Council Member ____ who moved its adoption:

An Ordinance to amend and readopt Ordinance 18-80 in respect to backflow prevention systems, and otherwise to provide with respect thereto.

BE IT ORDAINED BY THE PLAQUEMINES PARISH COUNCIL THAT:

SECTION 1

Ordinance 18-80 is hereby amended, and as amended readopted, to wit:

A. The latest version of the Louisiana State Sanitary Code (LAC 51), as amended and readopted by the Louisiana Legislature, shall govern the installation, maintenance, inspection, and enforcement of all backflow prevention devices in Plaquemines Parish.

B. All installations, inspections, testing, and maintenance of backflow prevention devises shall be performed by a licensed plumber holding a State Plumbing Board of Louisiana water supply protection specialist endorsement pursuant to La. R.S. 37:1361 *et seq.* and their implementing regulations in LAC 46:LV.101 *et seq.*; or by a backflow prevention assembly tester who meets the current backflow prevention assembly tester professional qualification standard from the latest version of ASSE 5110-2009.

C. The cost associated with complying with the Plaquemines Parish Cross Connection Program shall born by the commercial customer. Likewise, commercial customers shall be deemed the owner and responsible party for all regulatory purposes.

D. The policy incorporated in this cross connection program shall be implemented as soon as practicable after the adoption of this ordinance. A list of applicable customers who meet the definition of bona fide commercial customers shall be compiled by the Water Department no later than three months after the effective date of this ordinance. Earnest enforcement of this program shall begin no later than three months after the compilation of the aforesaid list.

E. Under no circumstance shall backflow prevention devices installed on bona fide commercial structures be inspected less than once every two years.

[illegible] Program Policy and Procedure Manual previously

Attachment #4

Severity: Significant

Facility ID: DS0950 – Distribution System

Category: – Distribution System

Attachment Comments: The current cross connection control program and ordinance do not meet the requirements of the State to have each back flow prevention device tested and inspected annually.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7002 2410 0000 6403 9439

May 31, 2019

Todd Eppley
DALCOUR WATERWORKS DISTRICT
333 F. Edward Hebert Blvd, Bldg. 100
Belle Chasse, LA 70037

Re: Class I Sanitary Survey
DALCOUR WATERWORKS DISTRICT Public Water System
PWS ID LA1075004
PLAQUEMINES Parish

Dear Mr. Eppley:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 21, 2019 sanitary survey inspection of the public water supply system for DALCOUR WATERWORKS DISTRICT (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR). 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Parker Allen	LDH-OPH-Engineering Services Region I
Christopher Chiasson	Inframark

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing.

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/28/2016	09/06/2016	Sanitary Survey, Finished	Minor	Treatment	TP001-SURFACE WATER TREATMENT PLANT
Comments: The fluoride electrical outlet and the raw water river pumps are not electrically interconnected. # The bulk storage tank and the day tank are hard piped with valves. An indirect connection between the bulk storage tank and the day tank should be provided to prevent the possibility for the valving to be left open and siphonage of the bulk storage tank.#The electrical outlet used for the fluoride feed pump should have a nonstandard receptacle and shall be interconnected with the well or service pump.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - 01 GROUND STORAGE AT PLANT	Finished Water Storage	During the time of inspection, the temporary steel cover for the clearwell, where the submersible pump is supposed to be, was loosely affixed and did not have a gasket seal. The steel cover has since been tightened, but requires a permanent solution **See attachment #1.** LAC 51:XII.337.C - Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures. LAC 51:XII.225.L - Roof and Sidewalls. The roof and sidewalls of all water storage structures shall be watertight with no openings except properly constructed vents, manholes, overflows, risers, drains, pump mountings, control ports, or piping for inflow and outflow. Particular attention shall be given to the sealing of roof structures which are not integral to the tank body.

FACILITY	CATEGORY	FINDINGS
EL001 - BRAITHWAITE ELEVATED STORAGE TANK	Finished Water Storage	The drain outlet for the elevated storage tank is leaking. **See attachment #2.** LAC 51:XII.319.D.25 - All potable water distribution systems shall be designed, constructed, and maintained so as to prevent leakage of water due to defective materials, improper jointing, corrosion, settling, impacts, freezing, or other causes. Valves and blow-offs shall be provided so that necessary repairs can be made with a minimum interruption of service.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR002 - 02 GROUND STORAGE AT PLANT	Finished Water Storage	The overflow for the clearwell does not face down, nor does it have a splash plate. LAC 51:XII.225.I.1 - All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. The overflow for a ground-level storage reservoir shall open downward and be screened with twenty- four mesh non-corrodible screen. The screen shall be installed within the overflow pipe at a location least susceptible to damage by vandalism.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER TREATMENT PLANT	Treatment	Ammonia and polymer tanks and feed pumps are stored together. LAC 51:XII.209.E.2. - Aqua ammonia feed pumps and storage shall be enclosed and separated from other operating areas.
FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER TREATMENT PLANT	Treatment	Each time the continuous turbidimeters are calibrated/validated, the flow rate through the discharge should be verified to match the manufacturer's suggested optimal flow rate.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Metro Region I
Attn: Parker Allen,
1450 Poydras Street, Suite 1827, Benson Towers
New Orleans, Louisiana 70112

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
1002431	01/26/2019	INADEQUATE DBP PRECURSOR REMOVAL	04/01/2018 - 06/30/2018

1002432	01/26/2019	INADEQUATE DBP PRECURSOR REMOVAL	07/01/2018 - 09/30/2018
1002429	01/25/2019	INADEQUATE DBP PRECURSOR REMOVAL	10/01/2017 - 12/31/2017
1002430	01/25/2019	INADEQUATE DBP PRECURSOR REMOVAL	01/01/2018 - 03/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 504-599-0140.

Respectfully,

Parker Allen, E.I.
Region 1 Engineer Intern
LDH/OPH District 1

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering
John Williams, P.E., Deputy Chief Engineer, LDH-OPH-Engineering
Alicia Martinez, P.E., District 1 Engineer, LDH-OPH-Engineering

Attachments

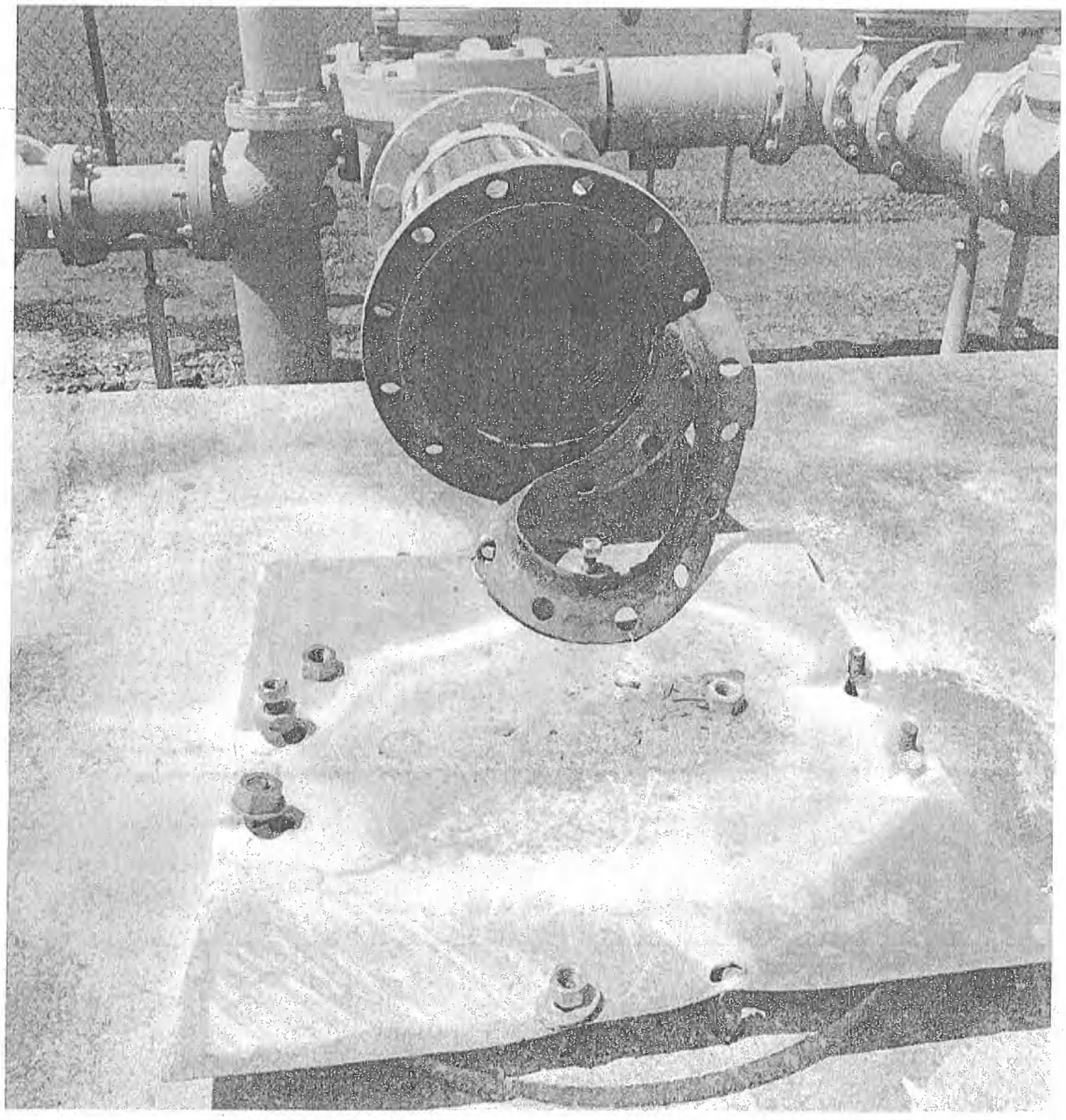
Attachment #1

Severity: Significant

Facility ID: GR001 - 01 GROUND STORAGE AT PLANT

Category: Finished Water Storage

Attachment Comments: During the time of inspection, the temporary steel cover for the clearwell, where the submersible pump is supposed to be, did not have a watertight seal.



Attachment #2

Severity: Significant

Facility ID: EL001 – BRAITHWAITE ELEVATED STORAGE TANK

Category: Finished Water Storage

Attachment Comments: The drain outlet for the elevated storage tank is leaking.



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7014 2870 0001 2187 1333

October 22, 2019

Todd Eppley
Pointe a la Hache Water System
333 F. Edward Hebert Blvd, Bldg. 100
Belle Chasse, LA 70037

Re: Class I Sanitary Survey
Pointe a la Hache Water System - Public Water System
PWS ID LA1075005
Plaquemines Parish

Dear Mr. Eppley:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 4, 2019 sanitary survey inspection of the public water supply system for Point a la Hache Water System (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Parker Allen	LDH-OPH-Engineering Services Region 1
Christopher Chiasson	Inframark, Operations Manager
Terrence Wade	Inframark, Plant Manager

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing,

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/18/2016	01/06/2017	Sanitary Survey, Finished	Minor	Treatment	TP001-SURFACE WATER TREATMENT PLANT
Comments: The electrical outlet used for the fluoride feed pump and the raw river water pumps are not electrically connected. # The electrical outlet used for the fluoride feed pump should have a nonstandard receptacle and shall be interconnected with the well or service pump.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	It was observed during the site visit that the overflow for the elevated storage tank has a severely corroded screen. There was an accumulation of debris trapped in the overflow pipe. It is recommended that the screen be removed, the debris cleared, then the screen replaced. **See attachment #1** LAC 51:225.I.1.C - The overflow for an elevated tank shall open downward and be screened with a four mesh, non- corrodible screen to keep out animals or insects. The screen should be installed within the overflow pipe at a location least susceptible to damage by vandalism.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be

performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	While reviewing the validations records of the continuous online chlorine meters, it was noted that in 14 instances, a validation failed, but was incorrectly marked as passed. Due to the voluntary increased frequency of the validations, and the brevity of the time lapse before the issue was corrected (less than 5 days, as per code LAC.51.1109.C), there is no violation issued. In the future, greater attention should be paid when recording data to avoid penalization.
FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER TREATMENT PLANT	Treatment	During the site visit, it was observed that there is a steady leak from the desludging line. This indicates that there is a malfunctioning valve or other compromised component in the system. It is recommended that the cause of the leak be investigated in order to prevent any failure of the desludging system in the future. **See attachment #2**
FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER TREATMENT PLANT	Treatment	During the site visit, the calibration columns for the polymer, fluoride, and ammonia were darkened and difficult to read at a reasonable distance. It is recommended that the calibration columns be regularly cleaned or replaced to allow for adequate visibility. This is especially the case for the larger calibration column that is being used as a day tank for the fluoride. **See attachment #3**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Metro Region I
Attn: Parker Allen,
1450 Poydras Street, Suite 1827, Benson Towers
New Orleans, Louisiana 70112

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
B1902822-001	Routine	7/15/2019			2.400

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
1003161	09/06/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2019 - 08/31/2019
1003160	08/23/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2019 - 07/31/2019
1003159	06/14/2019	INADEQUATE DBP PRECURSOR REMOVAL	01/01/2019 - 03/31/2019
1003154	01/30/2019	INADEQUATE DBP PRECURSOR REMOVAL	10/01/2017 - 12/31/2017
1003155	01/30/2019	INADEQUATE DBP PRECURSOR REMOVAL	01/01/2018 - 03/31/2018
1003157	01/30/2019	INADEQUATE DBP PRECURSOR REMOVAL	07/01/2018 - 09/30/2018
1003152	01/27/2019	INADEQUATE DBP PRECURSOR REMOVAL	04/01/2017 - 06/30/2017
1003153	01/27/2019	INADEQUATE DBP PRECURSOR REMOVAL	07/01/2017 - 09/30/2017
1003150	01/25/2019	INADEQUATE DBP PRECURSOR REMOVAL	10/01/2016 - 12/31/2016

1003151	01/25/2019	INADEQUATE DBP PRECURSOR REMOVAL	01/01/2017 - 03/31/2017
1003158	01/25/2019	INADEQUATE DBP PRECURSOR REMOVAL	10/01/2018 - 12/31/2018
1003156	01/25/2019	INADEQUATE DBP PRECURSOR REMOVAL	04/01/2018 - 06/30/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 504-610-1260

Respectfully,

Parker Allen, E.I.

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments

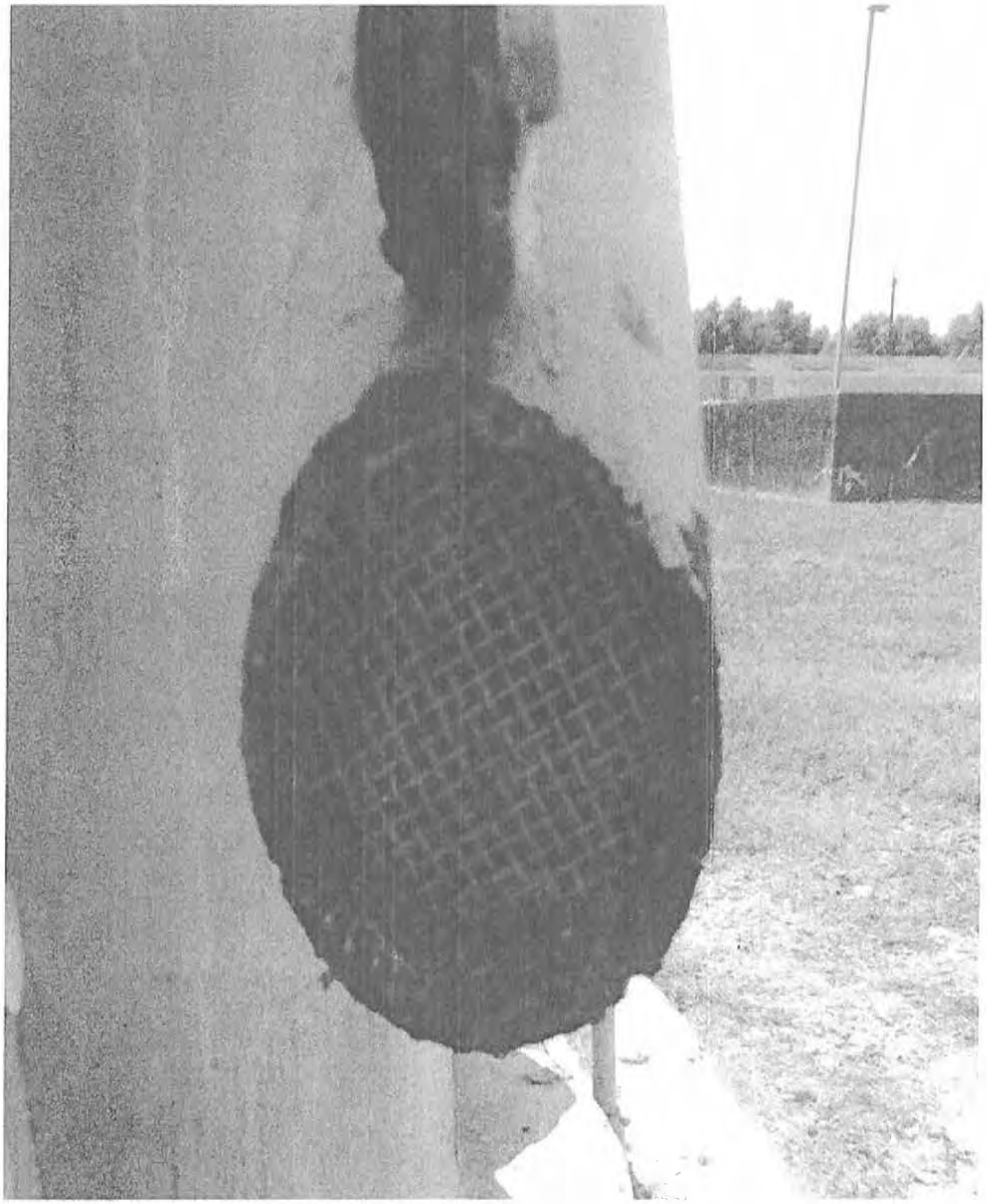
Attachment #1

Severity: Minor

Facility ID: EL001 – ELEVATED

Category: Finished Water Storage

Attachment Comments: It was observed during the site visit that the overflow for the elevated storage tank has a severely corroded screen. There was an accumulation of debris trapped in the overflow pipe. It is recommended that the screen be removed, the debris cleared, then the screen replaced.



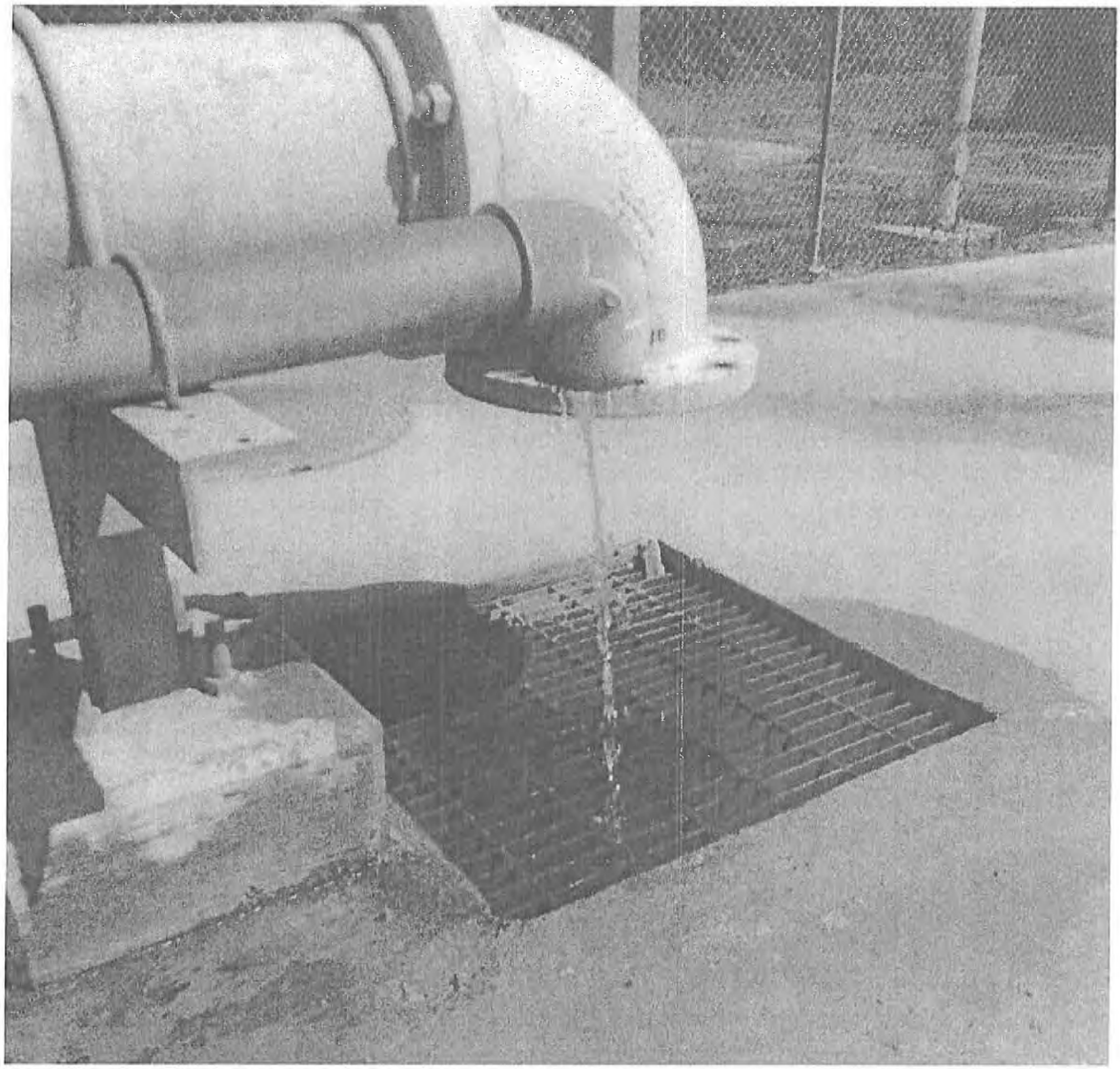
Attachment #2

Severity: Recommendation

Facility ID: TP001 - SURFACE WATER TREATMENT PLANT

Category: Treatment

Attachment Comments: During the site visit, it was observed that there is a steady leak from the desludging line. This indicates that there is a malfunctioning valve or other compromised component in the system. It is recommended that the cause of the leak be investigated in order to prevent any failure of the desludging system in the future.



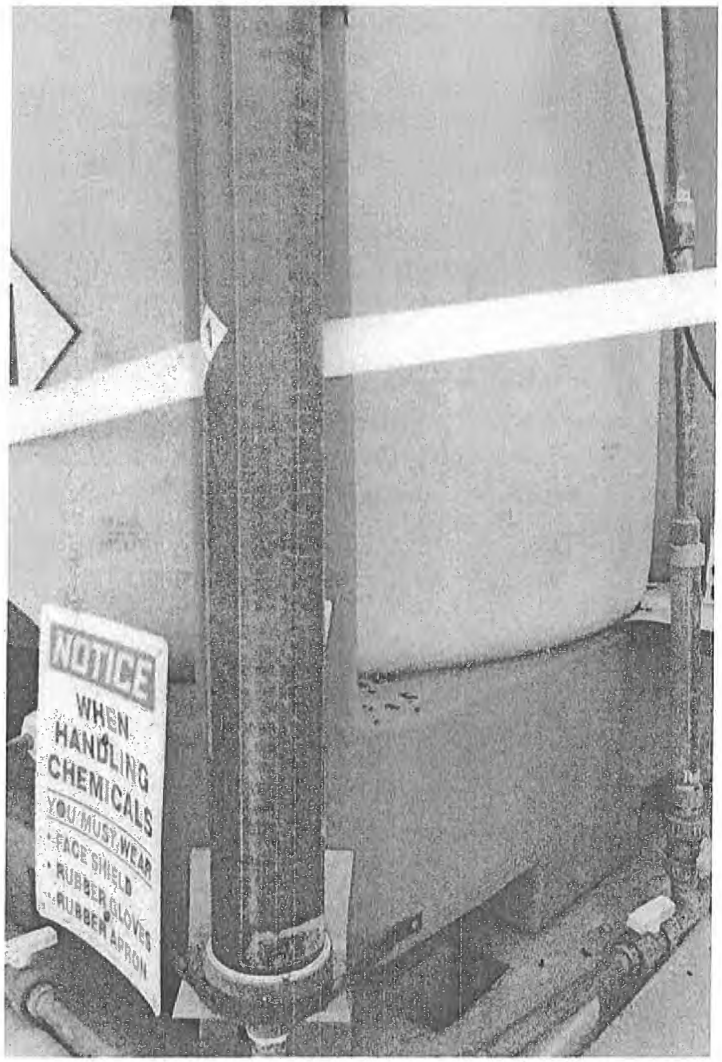
Attachment #3

Severity: Recommendation

Facility ID: TP001 - SURFACE WATER TREATMENT PLANT

Category: Treatment

Attachment Comments: During the site visit, the calibration columns for the polymer, fluoride, and ammonia were darkened and difficult to read at a reasonable distance. It is recommended that the calibration columns be regularly cleaned or replaced to allow for adequate visibility. This is especially the case for the larger calibration column that is being used as a day tank for the fluoride.



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7014 2870 0001 2187 1302

August 15, 2019

Todd Eppley
PORT SULPHUR WATER DISTRICT
333 F. Edward Hebert Blvd, Bldg. 100
Belle Chasse, LA 70037

Re: Class I Sanitary Survey
PORT SULPHUR WATER DISTRICT Public Water System
PWS ID LA1075006
PLAQUEMINES Parish

Dear Mr. Eppley:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 24, 2019 sanitary survey inspection of the public water supply system for PORT SULPHUR WATER DISTRICT (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Parker Allen	LDH-OPH-Engineering Services Region 1
Heather Bourg	LDH-OPH-Engineering Services Region 3
Christopher Chiasson	Inframark
Paul Lemaire	Inframark

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing,

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/12/2017	08/11/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-PORT SULPHUR GROUND STORAGE

Comments: The Port Sulphur ground storage tank has standing water around its perimeter after a rain event.

Cooling water for the high service pumps discharge over the side of the ground storage tank. The discharge is eroding away the soil below the discharge point and is pooling water. #The cooling water discharge should be brought down to near grade elevation with a splash plate leading away from the ground storage tank.

The area surrounding a ground-level structure shall be graded in a manner that will prevent surface water from standing within 50 feet of it.

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/12/2017	08/11/2017	Sanitary Survey, Finished	Minor	Treatment	TP001-SURFACE WATER TREATMENT PLANT

Comments: The fluoride injection pump at the Port Sulphur water treatment plant is not electrically interconnected with the raw water pump. #The electrical outlet used for the fluoride feed pump should have a nonstandard receptacle and shall be interconnected with the well or service pump.

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/12/2017	08/11/2017	Sanitary Survey, Finished	Minor	Treatment	TP002-BOOTHVILLE-VENICE

Comments: The Liquid Ammonia Sulfate injection at Boothville is inside of the above ground reservoir. This is not an approved air gap. The chemical injection line needs a method of anti-siphon control.

Liquid chemical feeders shall be such that chemical solutions cannot be siphoned or overfed into the water supply, by assuring discharge at a point of positive pressure, providing vacuum relief, providing a suitable air gap, or providing other suitable means or combinations as necessary.

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/12/2017	08/11/2017	Sanitary Survey, Finished	Minor	Treatment	TP003-EMPIRE BOOSTER STATION

Comments: The Liquid Ammonia Sulfate injection at the Empire booster station is being injected directly inside of the Empire pump well. #All chemical feeders need an approved method of anit-siphonage.

A chemical injection line that discharges below the flood level rim of the receiving basin is not an approved air gap. #Liquid chemical feeders shall be such that chemical solutions cannot be siphoned or overfed into the water supply, by assuring discharge at a point of positive pressure, providing vacuum relief, providing a suitable air gap, or providing other suitable means or combinations as necessary.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
GR008 - PORT SULPHUR CLEARWELL	Finished Water Storage	The permanent clearwell roof was significantly damaged, and subsequently removed. The current roof is constructed of tarp and plywood. The roof is not sufficient for a water storage tank. **See attachment #1** LAC 51:XII.225.E - Protection from Contamination. All finished water storage structures shall have suitable watertight roofs which exclude birds, animals, insects, and excessive dust. LAC 51:XII.225.L - Roof and Sidewalls. The roof and sidewalls of all water storage structures shall be watertight with no openings except properly constructed vents, manholes, overflows, risers, drains, pump mountings, control ports, or piping for inflow and outflow. Particular attention shall be given to the sealing of roof structures which are not integral to the tank body.
FACILITY	CATEGORY	FINDINGS
GR001 - PORT SULPHUR GROUND STORAGE	Finished Water Storage	The roof hatch for the Port Sulphur ground storage tank is not bolted or gasketed, nor is it of the hatch box type.. The hatch is routinely opened to check the level of the tank due to having a defective/inoperable level sensor. **See attachment #2** LAC 51:XII.225.E - Protection from Contamination. All finished water storage structures shall have suitable watertight roofs which exclude birds, animals, insects, and excessive dust. LAC 51:XII.225.L - Roof and Sidewalls. The roof and sidewalls of all water storage structures shall be watertight with no openings except properly constructed vents, manholes, overflows, risers, drains, pump mountings, control ports, or piping for inflow and outflow. Particular attention shall be

		given to the sealing of roof structures which are not integral to the tank body.
FACILITY	CATEGORY	FINDINGS
GR006 - EMPIRE GROUND STORAGE FOR PUMPS	Finished Water Storage	The screens on the Empire storage tank in the front of the plant are missing or severely corroded. **See attachment #3** LAC 51:XII.225.K.4 - Finished water storage structures shall be vented. The overflow pipe shall not be considered a vent. Open construction between the sidewall and roof is not permissible. Vents shall, on ground-level structures, open downward with the opening at least 24 inches above the roof or sod and covered with twenty-four mesh non-corrodible screen. The screen shall be installed within the pipe at a location least susceptible to vandalism. LAC 51:XII.225.E - Protection from Contamination. All finished water storage structures shall have suitable watertight roofs which exclude birds, animals, insects, and excessive dust.
FACILITY	CATEGORY	FINDINGS
GR007 - EMPIRE BACK OF PLANT GROUND STORAGE TANK	Finished Water Storage	The screens on the Empire storage tank om the rear of the plant are missing or severely corroded. **See attachment #4** LAC 51:XII.225.K.4 - Finished water storage structures shall be vented. The overflow pipe shall not be considered a vent. Open construction between the sidewall and roof is not permissible. Vents shall, on ground-level structures, open downward with the opening at least 24 inches above the roof or sod and covered with twenty-four mesh non-corrodible screen. The screen shall be installed within the pipe at a location least susceptible to vandalism. LAC 51:XII.225.E - Protection from Contamination. All finished water storage structures shall have suitable watertight roofs which exclude birds, animals, insects, and excessive dust.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR008 - PORT SULPHUR CLEARWELL	Finished Water Storage	The Port Sulphur clear well does not have dedicated vent/overflow, and the originally designated overflow is plugged. The existing vent/overflow is not facing downward (failed due to corrosion) and

		there is no splash plate. **See attachment #5** LAC 51:XII.337.C - Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures. LAC 51:XII.225.I.1 - All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate.
FACILITY	CATEGORY	FINDINGS
GR003 - BOOTHVILLE GROUND STORAGE 1	Finished Water Storage	The area around the Boothville clearwell is severely eroded due to the inadequate grading of surroundings. When the plant runs to waste, the path of the discharge runs along the edges of the clearwell, further amplifying the erosion. If action is no taken to correct the path of the discharge, the clearwell is at risk of failure. **See attachment #6** LAC 51:XII.225.R - The area surrounding a ground-level structure shall be graded in a manner that will prevent surface water from standing within 50 feet of it.
FACILITY	CATEGORY	FINDINGS
GR004 - BOOTHVILLE GROUND STORAGE 2	Finished Water Storage	The area around the Boothville clearwell is severely eroded due to the inadequate grading of surroundings. When the plant runs to waste, the path of the discharge runs along the edges of the clearwell, further amplifying the erosion. If action is no taken to correct the path of the discharge, the clearwell is at risk of failure. LAC 51:XII.225.R - The area surrounding a ground-level structure shall be graded in a manner that will prevent surface water from standing within 50 feet of it.
FACILITY	CATEGORY	FINDINGS
GR004 - BOOTHVILLE GROUND STORAGE 2	Finished Water Storage	The vents/overflows of the clearwell do not face downward. There is also no splash plate beneath the overflow. **See attachment #7** LAC 51:XII.337.C - Any vent, overflow, or water level control gauge provided on tanks or other

		structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures. LAC 51:XII.225.I.1 - All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate.
FACILITY	CATEGORY	FINDINGS
GR003 - BOOTHVILLE GROUND STORAGE 1	Finished Water Storage	The vents/overflows of the clearwell do not face downward. There is no splash plate beneath the overflow. LAC 51:XII.337.C - Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures. LAC 51:XII.225.I.1 - All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate.
FACILITY	CATEGORY	FINDINGS
GR001 - PORT SULPHUR GROUND STORAGE	Finished Water Storage	The overflows on the Port Sulphur ground storage tank terminate far above the maximum height of 24 inches. The area below the overflows is also missing a splash plate. **See attachment #8** LAC 51:XII.225.I.1 - All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to

correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
PF009 – PORT SULPHUR HIGH SERVICE PUMPS	Pump/Pumping Facility and Control	The Port Sulphur high service pumps do not have a flow meter to monitor the water leaving the ground storage tank. LAC 51:XII.223.C - Gauges and Meters. The station shall have a flow rate indicator and totalizing meter, and a method of recording the total water pumped and station water pressure. Each pump: 1. shall have a standard pressure gauge on its discharge line; 2. shall have a compound gauge on its suction line;
FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER TREATMENT PLANT	System Management and Operations	Each time the continuous turbidimeters are calibrated/validated, the flow rate through the discharge should be verified to match the manufacturer's suggested optimal flow rate.
FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER TREATMENT PLANT	System Management and Operations	The walkway platform structures and handrails throughout the plant are significantly corroded and pose a safety risk for plant personnel. There has been some replacement of handrails and walkways platforms, but there is still an abundance of corroded surfaces.
FACILITY	CATEGORY	FINDINGS
GR007 – EMPIRE BACK OF PLANT GROUND STORAGE TANK	Finished Water Storage	There is an abundance of vegetation growth that may pose an issue when servicing the ground storage tank if not cleared.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Attn: Parker Allen, E.I.
P.O. Box 60630
New Orleans, LA 70160

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
1003445	01/27/2019	INADEQUATE DBP PRECURSOR REMOVAL	04/01/2017 - 06/30/2017
1003446	01/25/2019	INADEQUATE DBP PRECURSOR REMOVAL	07/01/2017 - 09/30/2017
1003444	01/25/2019	INADEQUATE DBP PRECURSOR REMOVAL	01/01/2017 - 03/31/2017

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 504-599-0140.

Respectfully,

Parker Allen, E.I.
Region 1 Engineer Intern
LDH/OPH – District 1

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments

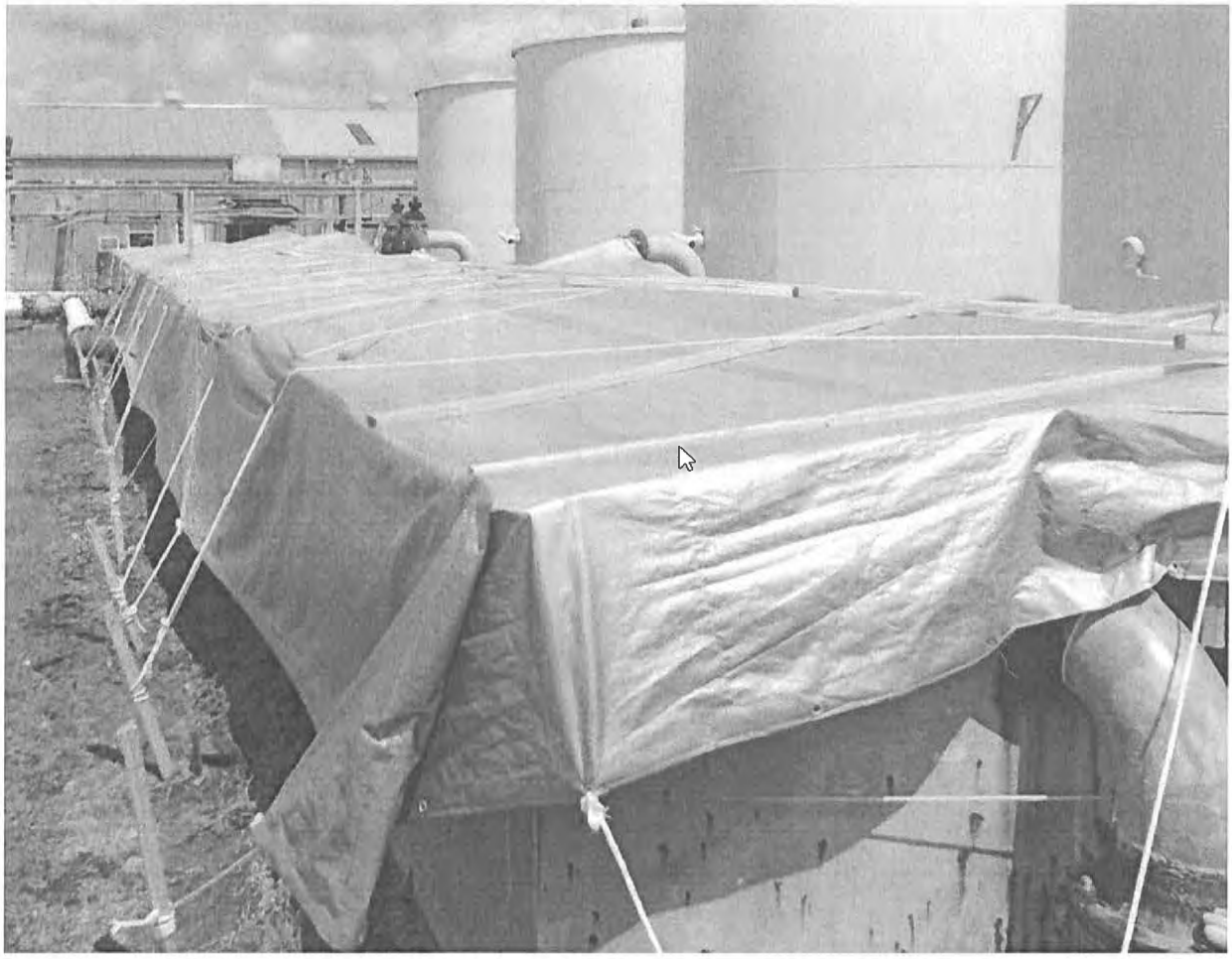
Attachment #1

Severity: Significant

Facility ID: GR008 - PORT SULPHUR CLEARWELL

Category: Finished Water Storage

Attachment Comments: The original clearwell roof was significantly damaged, and subsequently removed and the current roof is constructed of tarp and plywood. The roof is not sufficient for a water storage tank.



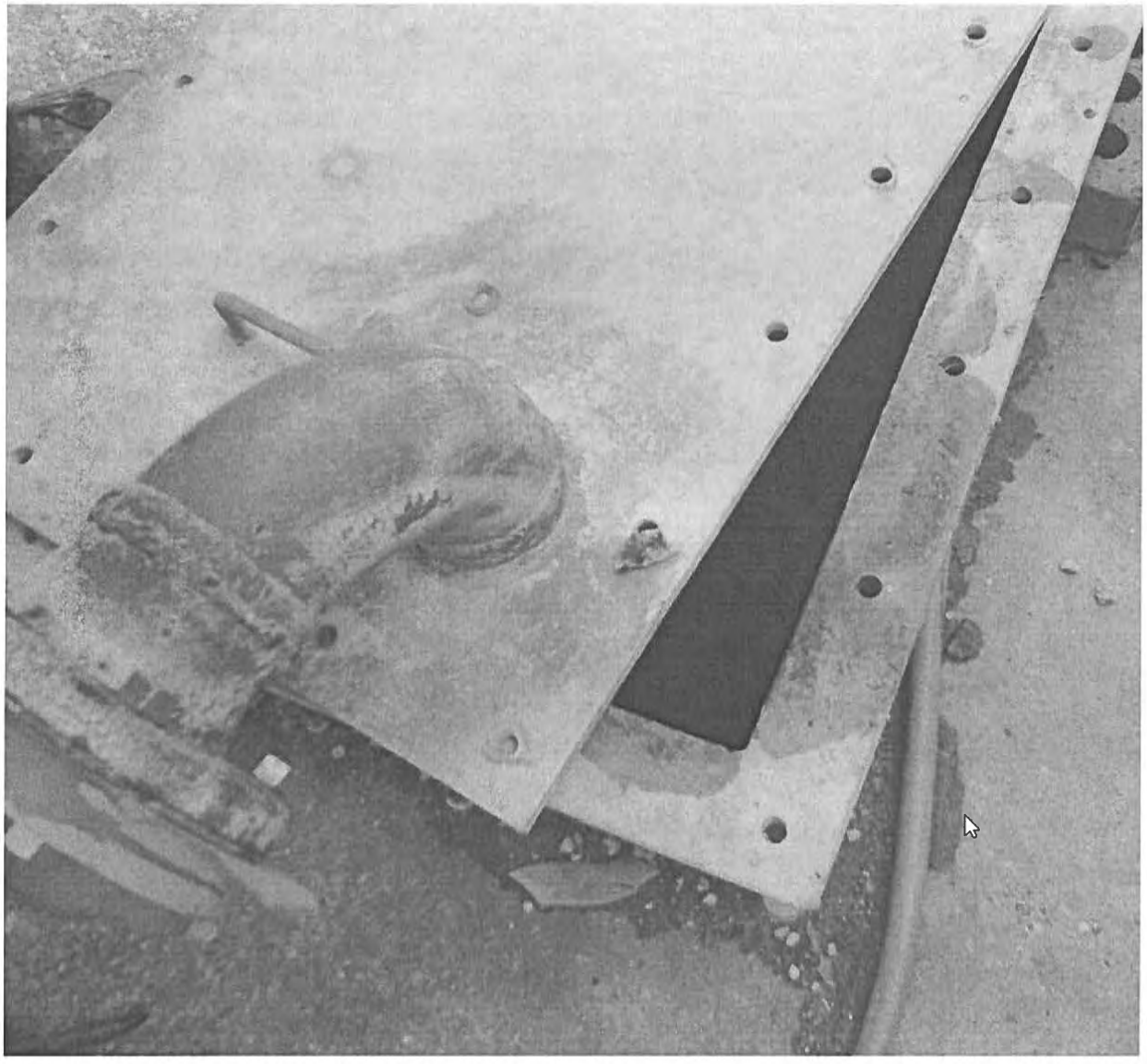
Attachment #2

Severity: Significant

Facility ID: GR001 - PORT SULPHUR GROUND STORAGE

Category: Finished Water Storage

Attachment Comments: The roof hatch for the Port Sulphur ground storage tank was not bolted or gasketed. The hatch is routinely opened to check the level of the tank due to having a defective/inoperable level sensor.



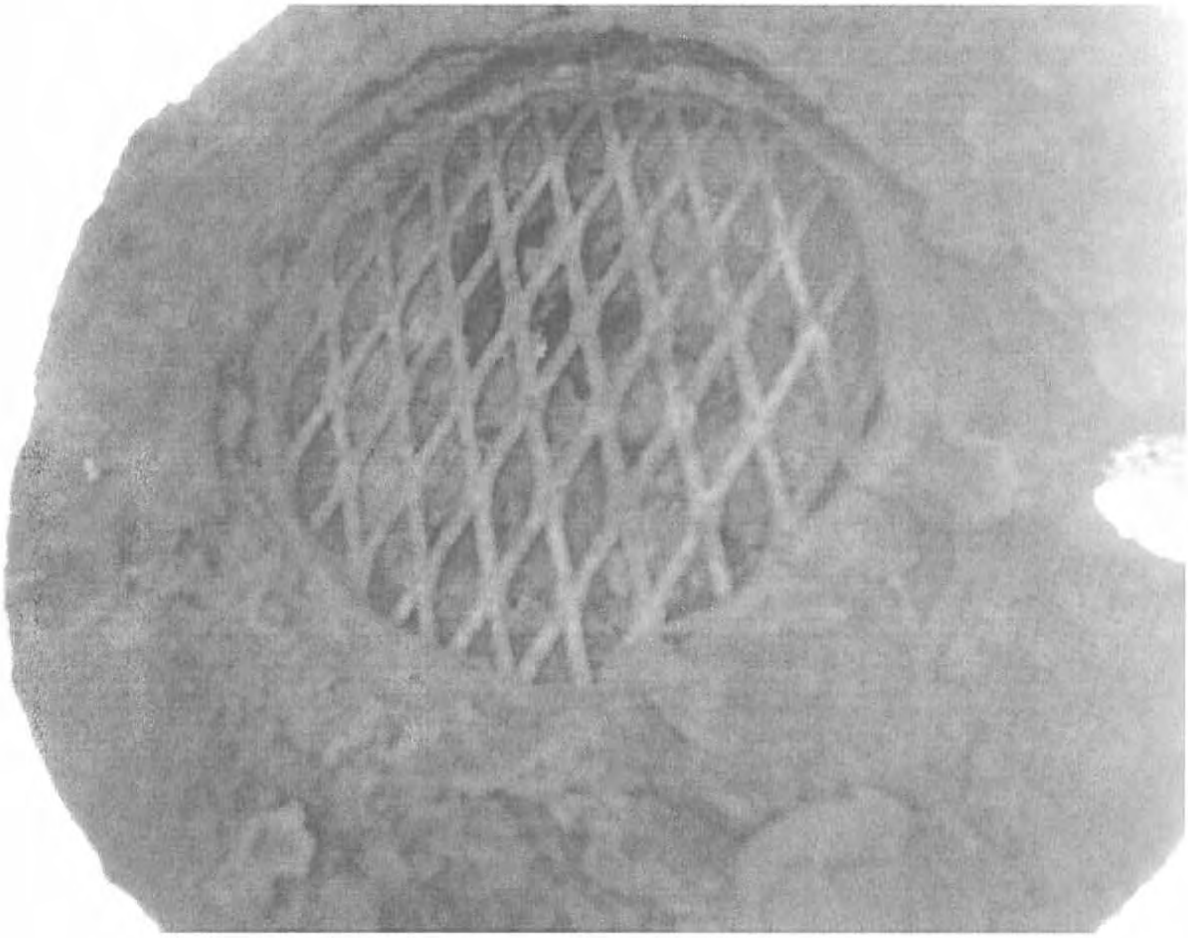
Attachment #3

Severity: Significant

Facility ID: GR006 - EMPIRE GROUND STORAGE FOR PUMPS

Category: Finished Water Storage

Attachment Comments: The screens on the front Empire storage tank were missing or severely corroded.



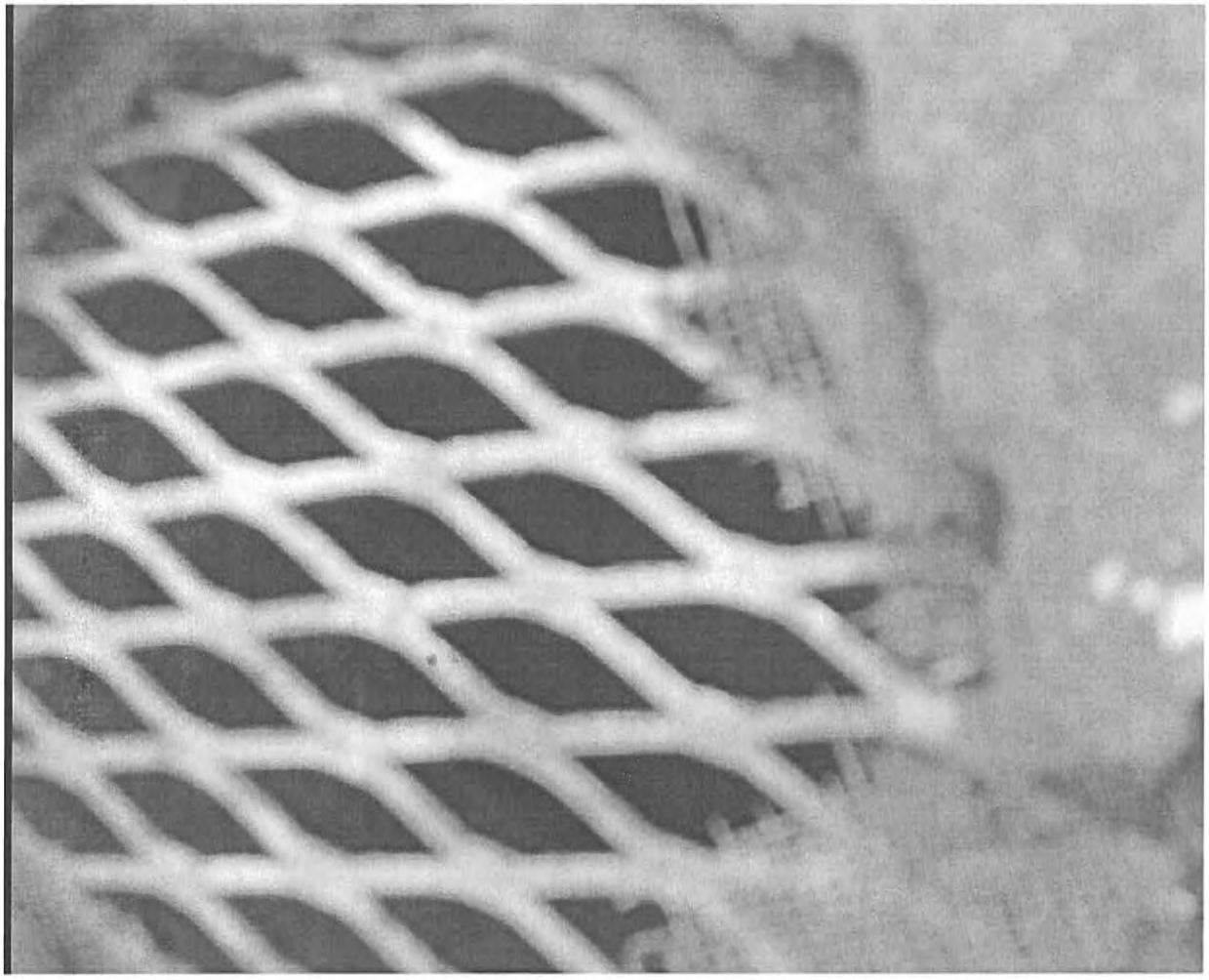
Attachment #4

Severity: Significant

Facility ID: GR007 - EMPIRE BACK OF PLANT GROUND STORAGE TANK

Category: Finished Water Storage

Attachment Comments: The screens on the rear Empire storage tank were missing or severely corroded.



Attachment #5

Severity: Minor

Facility ID: GR008 - PORT SULPHUR CLEARWELL

Category: Finished Water Storage

Attachment Comments: The Port Sulphur clear well does not have dedicated vent/overflow. The existing vent/overflow is not facing downward (failed due to corrosion) and there is no splash plate.



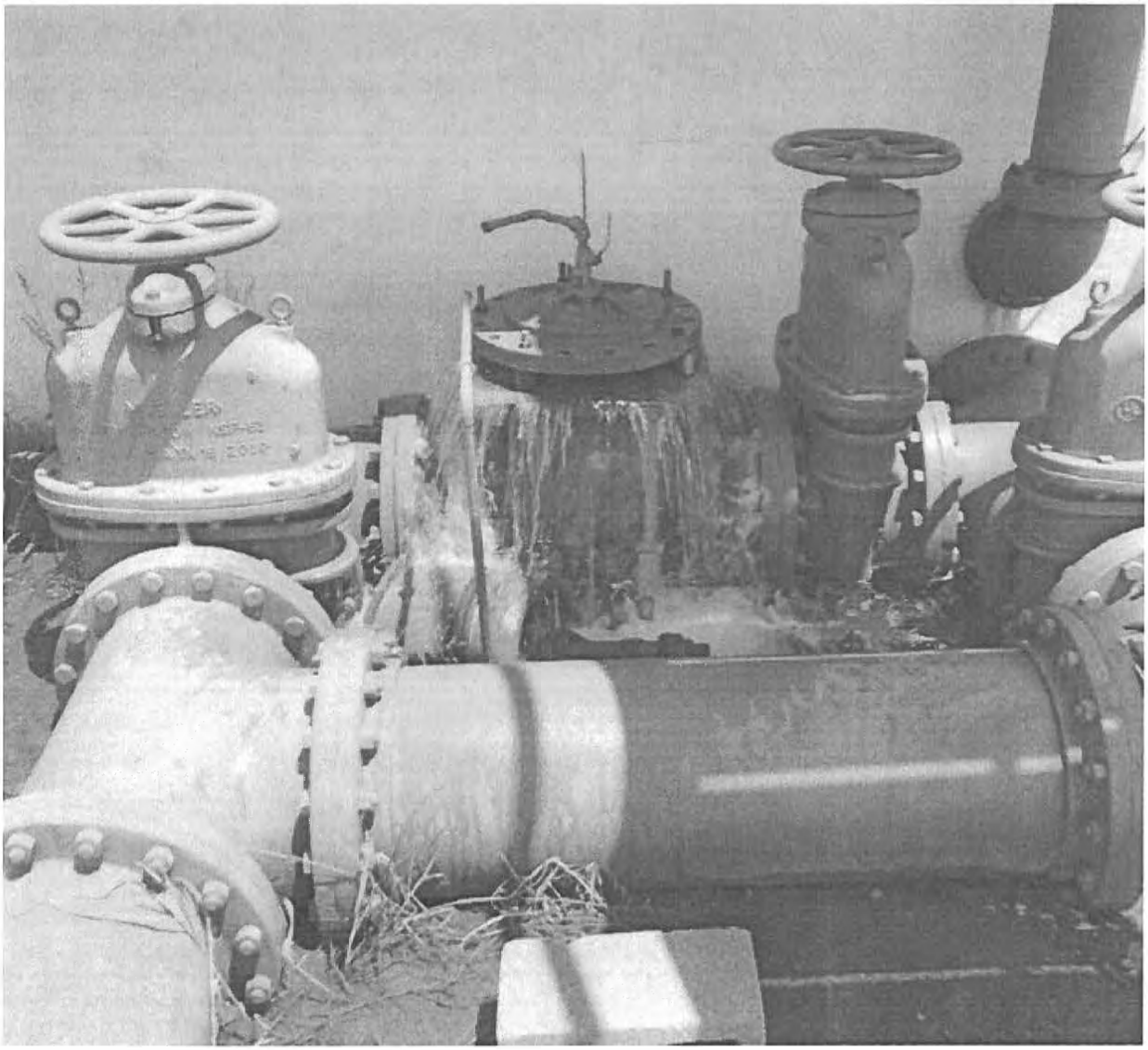
Attachment #6

Severity: Minor

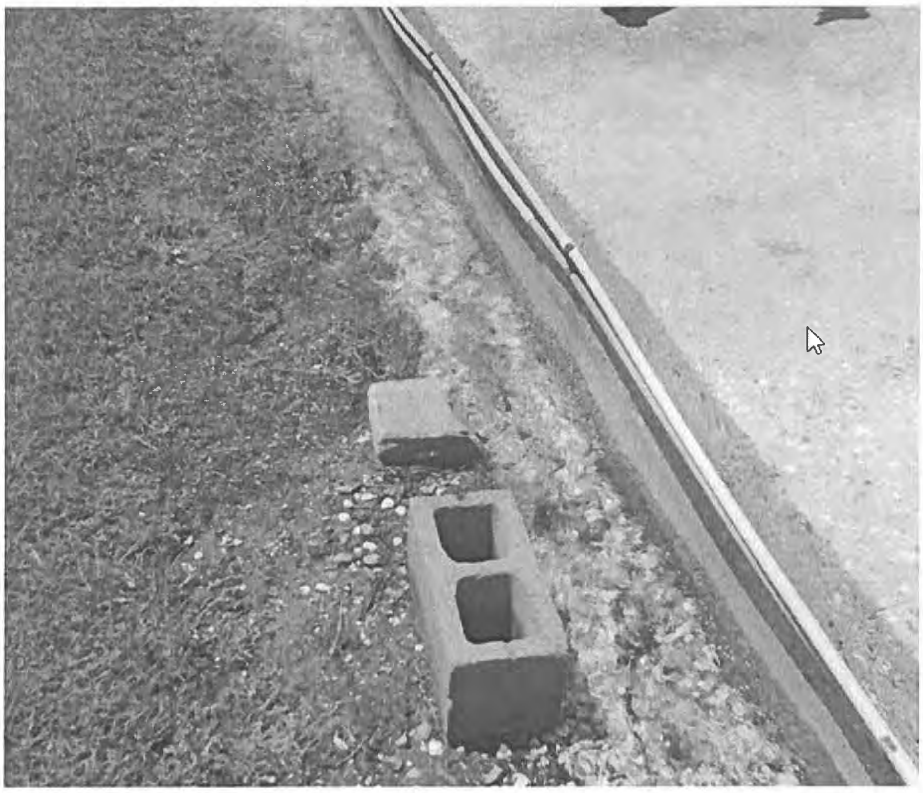
Facility ID: GR003 - BOOTHVILLE GROUND STORAGE 1

Category: Finished Water Storage

Attachment Comments: The area around the Boothville clearwell is severely eroded due to the inadequate grading of surroundings. When the plant runs to waste, the path of the discharge runs along the edges of the clearwell, further amplifying the erosion. If action is no taken to correct the path of the discharge, the clearwell is at risk for contamination due to tank failure.







Attachment #7

Severity: Minor

Facility ID: GR004 - BOOTHVILLE GROUND STORAGE 2

Category: Finished Water Storage

Attachment Comments: The vents/overflows of the clearwell do not face downward. There is also no splash plate beneath the overflow.



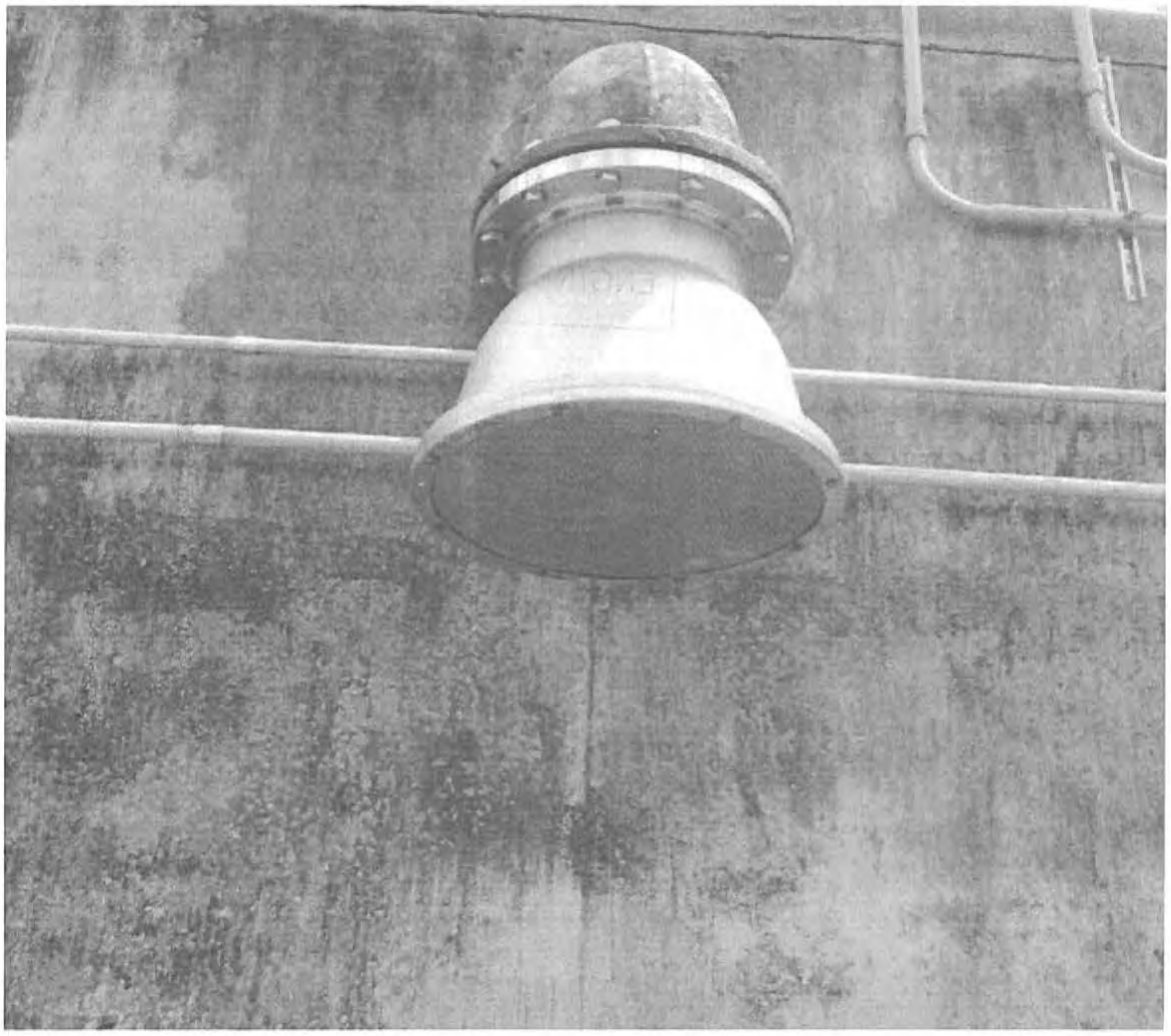
Attachment #8

Severity: Minor

Facility ID: GR001 - PORT SULPHUR GROUND STORAGE

Category: Finished Water Storage

Attachment Comments: The overflows on the Port Sulphur ground storage tank terminate far above the maximum height of 24 inches. The area below the overflows is also missing a splash plate.



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 8664 3917

October 1, 2019

James Shields
INNIS WATER CORPORATION INC
P.O. Box 1018
Innis, LA 70747

Re: Class I Sanitary Survey
INNIS WATER CORPORATION INC Public Water System
PWS ID LA1077013
POINTE COUPEE Parish

Dear Mr. Shields:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 25, 2019 sanitary survey inspection of the public water supply system for INNIS WATER CORPORATION INC (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Christina Dang	LDH-OPH Engineering Services
Corey Harris	LDH-OPH Engineering Services
Robert Allen	Innis Water Corporation, Inc.

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2017	11/22/2017	Sanitary Survey, Finished	Minor	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: Recertification testing has expired on a number of backflow prevention devices, please ensure that the devices are retested annually.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1077013-003 - INNIS WELL #3-LA HWY 417 - DELHI	Source	There was a large hole present near the well slab along with standing water. Repair ground near well slab. Grade the well site to prevent standing water and facilitate drainage away from the well. LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. ... the well slab ... shall be maintained to prevent the introduction of contamination into the well casing and discharge piping; **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD002 - INNIS HYDROPNEUMATIC	Finished Water Storage	Float gauges were broken at Lettsworth Well and Innis Well. Provide a method of determing water level in ground storage tank. LAC 51:XII.231.D. - Adequate controls shall be provided to maintain levels in distribution system storage structures. Level indicating devices should be provided at a central location.
FACILITY	CATEGORY	FINDINGS
TP002 - INNIS WELL TREATMENT PLANT	Treatment	Chlorine detection kit was not on site at Innis Well. Obtain and have readily available for chlorine leak detection a bottle of concentrated ammonium hydroxide (56%). The concentrated ammonia solution is used locate gas leaks at fittings and pipe connections. A white cloud or vapor indicates a leak.

		LAC 51:XII 207.C - A bottle of concentrated ammonium hydroxide (56 per cent ammonia solution) shall be available for chlorine leak detection.
FACILITY	CATEGORY	FINDINGS
1077013-003 - INNIS WELL #3-LA HWY 417 - DELHI	Source	Rust and corrosion was visible at Innis Well #3-LA HWY 417-Delhi well. Provide required protection. LAC 51:XII.169.H.3.a.viii - The discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage and freezing;
FACILITY	CATEGORY	FINDINGS
1077013-002 - INNIS WELL	Source	Rust and corrosion was visible at Innis well. Provide required protection. LAC 51:XII.169.H.3.a.viii - The discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage and freezing;
FACILITY	CATEGORY	FINDINGS
1077013-001 - LETTSWORTH WELL	Source	Rust and corrosion is visible at Lettsworth well. Provide required protection. LAC 51:XII.169.H.3.a.viii - The discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage and freezing;

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program should be documented and periodically evaluated for effectiveness.

2. Develop and implement a written inspection program for the ground storage tank. For steel tanks AWWA M42 recommends the maximum interval for periodic inspections of the tank interior should normally be three (3) years. It is usually advisable to wash out the tank at the time of inspection.

3. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

4. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

5. A well pumping test is currently not performed - pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

6. It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.
7. Belts, gears, rotating shafts, and electrical wiring should have proper shields to prevent injury. Per LAC 51:XII.157.B - The design shall comply with all applicable safety codes and regulations that include, but are not limited to, the codes adopted under the authority of Act 12 of the 2005 First Extraordinary Session, State Fire Marshal regulations (see LAC 55:V), National Fire Protection Association (NFPA) standards, and federal Occupational Health and Safety Administration (OSHA) standards.

8. It is recommended to know dosage calculations for the system. Knowing dosage calculations will help in distributing in the correct dose of chlorine throughout the system.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Christina Dang,
P. O. Box 4489, Bin #10, Bienville Bldg
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-219-7021.

Respectfully,

Christina Dang

Christina Dang, E. I. A.

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: INNIS WELL #3-LA HWY 417 - DELHI

Category: Source

Attachment Comments: Hole and standing water near well.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 1830 0001 0580 8974

May 24, 2019

Rhett Porciau
LIVONIA WATER SYSTEM
P. O. Box 307
Livonia, LA 70755

Re: Class I Sanitary Survey
LIVONIA WATER SYSTEM Public Water System
PWS ID LA1077022
POINTE COUPEE Parish

Dear Mr. Porciau:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 15, 2019 sanitary survey inspection of the public water supply system for LIVONIA WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Clark Broussard	LDH/OPH Region II Engineering
Ricky David	Town Of Livonia
Sarah Wade	LDH/OPH Engineering Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	At the time of the survey, the fence around the fire station well site had been damage. As called for in LAC 51:XII.315.D All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked; said areas shall be locked when unattended. The fence shall be resistant to climbing and at least 6 feet high. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1077022-002 - VILLAGE OF LIVONIA WELL AT TOWER HWY 78	Source	During the survey, it was noted that a valve on the discharge piping of the well was leaking. As stated in LAC 51.XII.319.D.7, there shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #3**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	During the survey, it was noted that there were gaps in the recording of daily chlorine residuals. Per LAC 51:XII.311.A, complete daily records of the operation of a public water system, including reports of laboratory control tests, shall be kept and retained as prescribed in the National Primary Drinking Water Regulations on forms approved by the state health officer. When specifically requested by

		the state health officer or required by other requirements of this Part, copies of these records shall be provided to the office designated by the state health officer within 10 days following the end of each calendar month. Additionally, all such records shall be made available for review during inspections/sanitary surveys performed by the state health officer.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	The splash pad was showing evidence of erosion around the edges at the time of the survey. LAC: 51.XII.225.I.1 requires that all water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
TP002 - TP TOWER ON HWY 78	Treatment	The chlorine gas housing was missing air inlets near the ceiling as called far in LAC: 51.XII.209.A.3.f.
FACILITY	CATEGORY	FINDINGS
1077022-002 - VILLAGE OF LIVONIA WELL AT TOWER HWY 78	Source	The flow meter on the fire station well was not functional during the survey. The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained as called for in LAC:51.XII.169.H.3.a.iv. **See Attachment #2**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and

include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	It was noted during the survey that the spindle beneath the pump motor on the Richfield Road well was exposed. In order to increase safety for operators and visitors it is recommended that the openings to the spindle be covered by a metal mesh or cage. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
TP002 - TP TOWER ON HWY 78	Treatment	While conducting the survey, it was noted that the chlorine cylinders were not completely out of direct sunlight and excessive heat. It is recommended that additional measures are used to ensure that chlorine gas cylinders are kept out of direct sunlight and excessive heat.
FACILITY	CATEGORY	FINDINGS
TP001 - TP RICHFIELD RD WELL	Treatment	While conducting the survey, it was noted that the chlorine cylinders were not completely out of direct sunlight and excessive heat. It is recommended that additional measures are used to ensure that chlorine gas cylinders are kept out of direct sunlight and excessive heat.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Clark Broussard,
P. O. Box 4489, Bin #10, Bienville Bldg
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1809481-001	Routine	8/20/2018		0.970	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-342-7301.

Respectfully,

Clark Broussard,
Region II Engineer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Security

Attachment Comments: At the time of the survey, the fence around the fire station well site had been damage. As called for in LAC 51:XII.315.D All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked; said areas shall be locked when unattended. The fence shall be resistant to climbing and at least 6 feet high.



Attachment #2

Severity: Minor

Facility ID: VILLAGE OF LIVONIA WELL AT TOWER HWY 78

Category: Source

Attachment Comments: The flow meter on the fire station well was not functional during the survey. The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained as called for in LAC:51.XII.169.H.3.a.iv.



Attachment #3

Severity: Significant

Facility ID: VILLAGE OF LIVONIA WELL AT TOWER HWY 78

Category: Source

Attachment Comments: During the survey, it was noted that a valve on the discharge piping of the well was leaking. As stated in LAC 51.XII.319.D.7, there shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping.



Attachment #4

Severity: Minor

Facility ID: ELEVATED

Category: Finished Water Storage

Attachment Comments: The splash pad was showing evidence of erosion around the edges at the time of the survey. LAC: 51.XII.225.I.1 requires that all water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate.



Attachment #5

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: It was noted during the survey that the spindle beneath the pump motor on the Richfield Road well was exposed. In order to increase safety for operators and visitors it is recommended that the openings to the spindle be covered by a metal mesh or cage.

John Bel Edwards
GOVERNOR



Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

July 18, 2019

Mark Ramagos
MORGANZA WATER SYSTEM
P. O. Box 66
Morganza, LA 70759

Re: Class I Sanitary Survey
MORGANZA WATER SYSTEM Public Water System
PWS ID LA1077025
POINTE COUPEE Parish

Dear Mr. Ramagos:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 24, 2019 sanitary survey inspection of the public water supply system for MORGANZA WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
David Boggs	LDH Engineering Region 3
Mark Ramagos	City Manager

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Teche Region III
Attn: David Boggs,
1434 Tiger Drive
Thibodaux, Louisiana 70301

The following compliance history is provided your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-449-5007 ext. 345.

Respectfully,

David Boggs

David Boggs,
Engineer Intern
OPH – Region 3

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health
CERTIFIED MAIL: 7005 1820 0002 1133 5226

June 14, 2019

Elie Part
NEW ROADS WATER SYSTEM
P O Box 280
New Roads, LA 70760

Re: Class I Sanitary Survey
NEW ROADS WATER SYSTEM Public Water System
PWS ID LA1077026
POINTE COUPEE Parish

Dear Mr. Part:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 31, 2019 sanitary survey inspection of the public water supply system for NEW ROADS WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Clark Broussard	LDH/OPH Region II Engineering
Elie Part	City Of New Roads

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/10/2017	05/16/2017	Sanitary Survey, Finished	Minor	Source	1077026-002-CITY OF NEW ROADS WELL @ HWY 3131
Comments: The Well at Hwy 3131 is not equipped with a means of measuring flow. The well must be equipped with a flow meter.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Complete yearly testing results for customers required to have backflow prevention devices installed were not available at the time of inspection. LAC 51:XII.344 requires that each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Complete daily chlorine records for the last ten years were not available at the time of inspection. Complete daily records of the operation of a public water system, including reports of laboratory control tests, shall be kept and retained as prescribed in the National Primary Drinking Water Regulations on forms approved

		by the state health officer as called for in LAC 51:XII.311.A.
FACILITY	CATEGORY	FINDINGS
1077026-004 - CITY OF NEW ROADS WELL #4 (PARENT ST.)	Source	At the time of inspection the oil level in the Parent Street well was low. In order to protect the well motor and shaft from physical damage as called for in LAC 51:XII.169.E.8.d the motor lubricant should be kept within the recommended operating range and changed regularly.
FACILITY	CATEGORY	FINDINGS
1077026-002 - CITY OF NEW ROADS WELL @ HWY 3131	Source	The Hospital road well was showing signs of rust and corrosion on the exterior of the piping. In order to protect the well and piping from physical damage as called for in LAC 51:XII.169.E.8.d all rust and corrosion should be removed, and be recoated with an appropriate paint. **See Attachment #2**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of the survey, there were early signs of erosion and a shrub growing around the concrete footings of the Waterloo/Patin Dyke Road elevated

		tower. It is recommended that the vegetation be removed and the missing soil be replaced to maintain the structural integrity of the tower. **See Attachment #3 and #4**
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	At the time of the survey exposed spinning shafts on the Power Plant, Claiborne Street, and Parent Street wells posed a safety hazard to operators and visitors. It is recommended that a metal mesh or cage be added to the wells to prevent entanglement and injury from occurring. **See Attachment #1**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Clark Broussard,
P. O. Box 4489, Bin #10, Bienville Bldg
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
119	07/30/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2018 - 07/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-342-7301.

Respectfully,



Clark Broussard,
Region II Engineer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: At the time of the survey exposed spinning shafts on the Power Plant, Claiborne Street, and Parent Street wells posed a safety hazard to operators and visitors. It is recommended that a metal mesh or cage be added to the wells to prevent entanglement and injury from occurring.



Attachment #2

Severity: Minor

Facility ID: CITY OF NEW ROADS WELL @ HWY 3131

Category: Source

Attachment Comments: The Hospital Road well was showing signs of rust and corrosion on the exterior of the piping. In order to protect the well and piping from physical damage as called for in LAC 51:XII.169.E.8.d all rust and corrosion should be removed, and be recoated with an appropriate paint.



Attachment #3

Severity: Recommendations

Category: Other

Attachment Comments: At the time of the survey, there were early signs of erosion and a shrub growing around the concrete footings of the Waterloo/Patin Dyke Road elevated tower. It is recommended that the vegetation be removed and the missing soil be replaced to maintain the structural integrity of the tower.



Attachment #4

Severity: Recommendations

Category: Other

Attachment Comments: At the time of the survey, there were early signs of erosion and a shrub growing around the concrete footings of the Waterloo/Patin Dyke Road elevated tower. It is recommended that the vegetation be removed and the missing soil be replaced to maintain the structural integrity of the tower.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL:70190700000059892021

June 12, 2019

Marvin Losavio
TORBERT- FRISCO WATER WORKS
105 Gisele Street
New Roads, LA 70760

Re: Class I Sanitary Survey
TORBERT- FRISCO WATER WORKS Public Water System
PWS ID LA1077037
POINTE COUPEE Parish

Dear Mr. Losavio:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 6, 2019 sanitary survey inspection of the public water supply system for TORBERT- FRISCO WATER WORKS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
Rickie Montelaro	M & C Water

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1077037-003 - FRISCO RIDGE WELL 002	Source	Per LAC 51:XII.169.H.3.a.iii, the discharge piping shall be protected against the entrance of contamination. At the time of inspection, there was visible corrosion and rust on the well. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	Rotating pump shafts and couplings were typically exposed, presenting a risk to employee safety; rigid guards, shields, squirrel cages, etc. were generally not provided. The system should review all of its pumps to insure adequate safety measure or in place, and that compliance with ANSI/OSHA regulations are being met. At the time of inspection, the

		rotating pump shaft and coupling on both wells were not covered and could injure employees or visitors. **See Attachment #2 and #3**
FACILITY	CATEGORY	FINDINGS
TP004 - TORBERT WELL 004 TREATMENT	Treatment	Per LAC 51:XII.207.C, leak detection for chlorine gas. A bottle of concentrated ammonium hydroxide (56 per cent ammonia solution) shall be available for chlorine leak detection. At the time of inspection, there was no ammonia solution in the chlorine storage unit.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



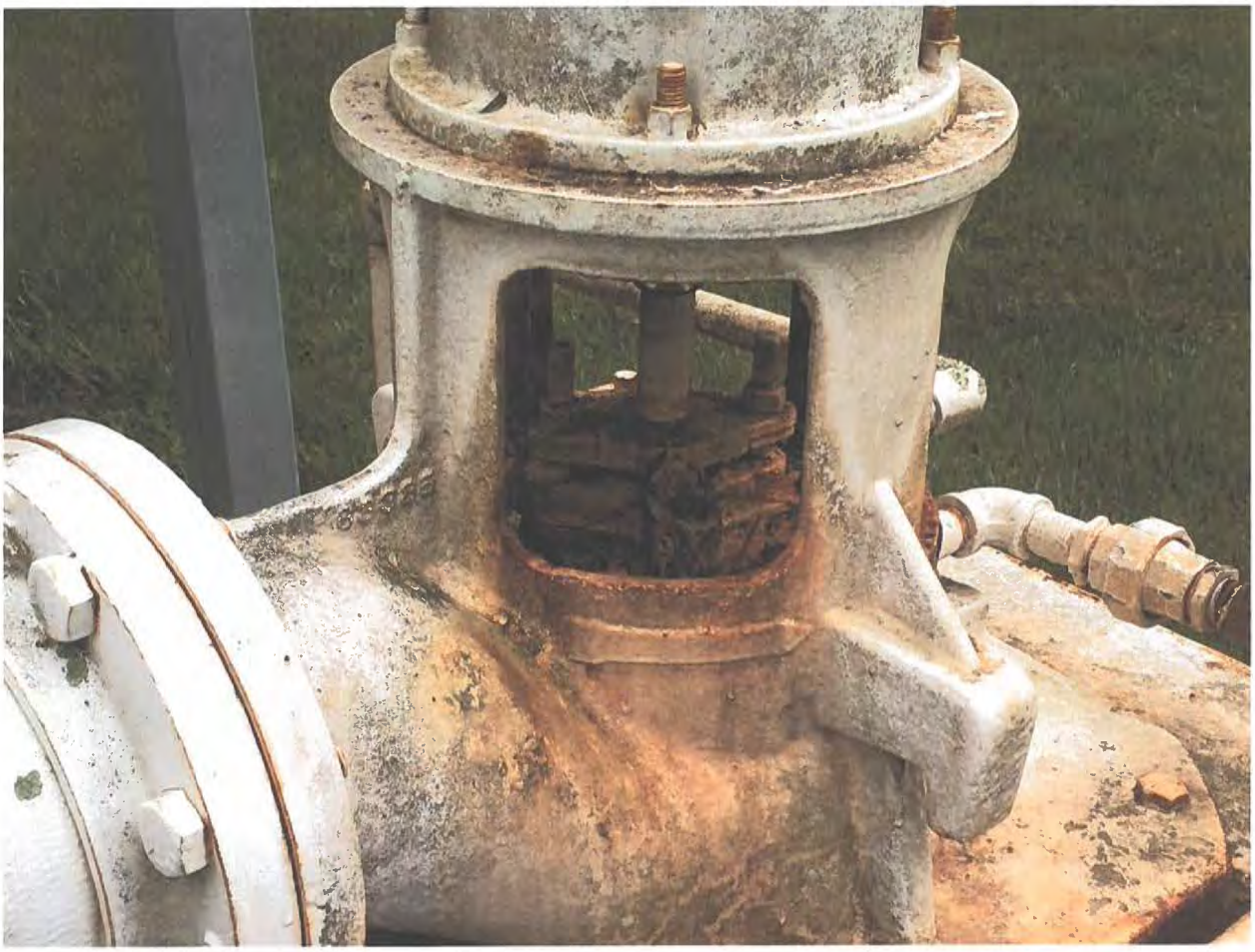
Attachment #1

Severity: Minor

Facility ID: FRISCO RIDGE WELL 002

Category: Source

Attachment Comments: Visible rust and corrosion on the Frisco Ridge Well.



Attachment #2

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: Frisco Ridge Well rotating pump shaft and coupling are not covered and may injure employees or visitors.



Attachment #3

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: Torbert Well rotating pump shaft and coupling are not covered and may injure employees or visitors.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 1830 0001 0580 9094

August 14, 2019

Brandon Parlange
FALSE RIVER WATER COMPANY
105 Gisele Street
New Roads, LA 70760

Re: Class I Sanitary Survey
FALSE RIVER WATER COMPANY Public Water System
PWS ID LA1077041
POINTE COUPEE Parish

Dear Mr. Parlange:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 29, 2019 sanitary survey inspection of the public water supply system for FALSE RIVER WATER COMPANY (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jacob Haffner	LDH/OPH Engineering Services District 2
Clark Broussard	LDH/OPH Engineering Services Region 2
Charles R. Bates	False River Water Company

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No observation were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	A chlorine testing kit used by the water system operator showed visible residue on sample vials, which may affect testing. Per LAC 51:XII.357.A Disinfection equipment shall be operated to maintain disinfectant residuals in each finished water storage tank and at all points throughout the distribution system at all times in accordance with the following minimum levels:1.a free chlorine residual of 0.5 mg/l.
FACILITY	CATEGORY	FINDINGS
1077041-001 - LAKELAND WELL- 12158 HWY 416	Source	The Lakeland Well is not equipped with a means of measuring flow. Per LAC 51:XII.319.D.17, the discharge piping shall: be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, and a means of measuring flow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Rotating pump shafts and couplings at both well sites were exposed, presenting a risk to employee safety; rigid guards, shields, squirrel cages, etc. were generally not provided. Per LAC 51:XII.157.A, consideration shall be given to the safety of water plant personnel and visitors.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jacob Haffner,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at .225-342-7363.

Respectfully,



Jacob Haffner, P.E.

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7018 1830 0001 0580 7236

May 29, 2019

John Smith, President
Pointe Coupee Water Works District 1
105 Gisele Street
New Roads, LA 70760

Re: Class I Sanitary Survey
Pointe Coupee Water Works District 1 Public Water System
PWS ID LA1077043
Pointe Coupee Parish

Dear Mr. Smith:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 23, 2019 sanitary survey inspection of the public water supply system for POINTE COUPEE WATER WORKS DISTRICT 1 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Brian Suberbielle	LDH/OPJ Engineering
Glenn Ray Cline	Pointe Coupee WW Dist. #1
David Mougeot	Pointe Coupee WW Dist. #1

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 - VENTRESS HYDROPNEUMATIC TANK	Finished Water Storage	During the inspection, the hydro-pneumatic tank at the Ventress Well site was not equipped with a sight glass. Each tank shall have control equipment that consists of a water sight glass. LAC 51:XII.229.E - Appurtenances. Each tank shall have an access manhole, a drain, and control equipment consisting of a pressure gauge, water sight glass, automatic or manual air blow-off, means for adding air, and pressure operated start-stop controls for the pumps.
FACILITY	CATEGORY	FINDINGS
EL002 - ELEVATED	Finished Water Storage	During the survey, the Bush Tower tanks' overflow pipe did not have a splash pad. The water system shall install a splash pad to ensure the ground surrounding the foundation of the storage tank be protected from erosion during an overflow or discharge event. LAC 51:XII.225.I.1 - All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. **See Attachment #3**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to

this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	At the time of inspection, the Olinde and the Coteau Rd. wells rotating pump shafts and couplings were exposed, presenting a risk to employee safety. Rigid guards, shields, or squirrel cages were not provided. It is recommended the squirrel cages be installed around the rotating shafts on the Olinde and the Coteau Rd. wells. 40 CFR 141.403 - Consideration must be given to the safety of water plant personnel and visitors. The design must comply with all applicable safety codes and regulations that may include the Uniform Building Code, Uniform Fire Code, National Fire Protection Association Standards, and state and federal OSHA standards. Items to be considered include noise arresters, noise protection, confined space entry, protective equipment and clothing, gas masks, safety showers and eye washes, handrails and guards, warning signs, smoke detectors, toxic gas detectors and fire extinguishers. **See Attachment #2 and #1**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Brian Suberbielle,
P. O. Box 4489, Bin #10, Bienville Bldg.
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1807377-003	Routine	7/2/2018		0.760	

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
2497	11/05/2018	TOT_TTHM/HAA5	01/01/2018 - 12/31/2018

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (225) 342-7511.

Respectfully,

Brian Suberbielle

Brian Suberbielle,

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: At the time of inspection, the Olinde Wells' rotating pump shaft and couplings were exposed, presenting a risk to employee safety. Rigid guards, shields, or squirrel cages were not provided. It is recommended the squirrel cages be installed around the rotating shafts on the Olinde Well.



Attachment #2

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: At the time of inspection, the Coteau Rd. Wells' rotating pump shaft and couplings were exposed, presenting a risk to employee safety. Rigid guards, shields, or squirrel cages were not provided. It is recommended the squirrel cages be installed around the rotating shafts on the Coteau Rd. Well.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL:7018 1830 0001 0580 9162

July 23, 2019

David Mougeot
POINTE COUPEE WATER WORKS DISTRICT 1
14781 Chenal Road
Jarreau, LA 70749

Re: Class I Sanitary Survey
POINTE COUPEE WATER WORKS DISTRICT 1 Public Water System
PWS ID LA1077043
POINTE COUPEE Parish

Dear Mr. Mougeot:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 9, 2019 sanitary survey inspection of the public water supply system for POINTE COUPEE WATER WORKS DISTRICT 1 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Clark Broussard	Region II Engineering
Glenn Ray Cline	Pointe Coupee Wd #2
David Mougeot	M & S Water Supply

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing,

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/23/2019	05/28/2019	Sanitary Survey, Finished	Minor	Finished Water Storage	HD001-VENTRESS HYDROPNEUMATIC TANK
Comments: During the inspection, the hydro-pneumatic tank at the Ventress Well site was not equipped with a sight glass. Each tank shall have control equipment that consists of a water sight glass. LAC 51:XII.229.E - Appurtenances. Each tank shall have an access manhole, a drain, and control equipment consisting of a pressure gauge, water sight glass, automatic or manual air blow-off, means for adding air, and pressure operated start-stop controls for the pumps.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/15/2017	06/22/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-ELEVATED
Comments: No splash pad was found at the Bush Storage Tower for the overflow to discharge onto. All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash pad. Please install a splash pad at the overflow pipe.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/15/2017	06/22/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: At the time of the survey the facility could not produce the bacteriological results or chemical records for all of the 10 year time frame that records are required to be kept.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/15/2017	06/22/2017	Sanitary Survey, Finished	Minor	Source	1077043-002-PT COUPEE WWKS DIST #1 COTEAU RD. WELL
Comments: During the inspection, the Coteau Rd. Well did not have a working flow meter. Each well is required to have a means of measuring flow. Fix or replace the flow meter at the Coteau Rd. Well					

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/08/2014	05/29/2014	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED

Comments: The overflow has been turned and does not discharge onto the provided splash plate. The water should discharge onto a splash plate.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/08/2014	05/29/2014	Sanitary Survey, Finished	Minor	Treatment	TP001-JOHN OLINDE WELL
Comments: The chlorine gas feed and storage room doors are not equipped with panic hardware.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/08/2014	05/29/2014	Sanitary Survey, Finished	Minor	Treatment	TP002-COTEAU RD. WELL
Comments: The chlorine gas feed and storage room doors are not equipped with panic hardware					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The results of water quality testing, performed on-site by LDH at the time of the site visit, are as follows: Provide table identifying test results. Lemoine Well 1077049-003: Free Ammonia – 0.59 mg/L Olinde Well 1077043-001: Free Ammonia - >0.60 mg/L Ventress #2 Well 1077024-006: Free Ammonia – 0.30 mg/L TCR 017 7866 Lance St.: Free Chlorine: 0.01 mg/L Total Chlorine: 0.50 mg/L Monochloramine: 0.28 mg/L Free Ammonia: 0.12 mg/L Pointe Coupee Waterworks District #1 is permitted and identified in the Louisiana Monitoring Plan Portal (MPP) as a free chlorine system (secondary disinfection, in the distribution system). To operate as a free chlorine system Pointe Coupee Waterworks District #1 must ensure that sufficient free chlorine is added to groundwater to carry adequate free chlorine residual throughout the

		distribution system. Naturally occurring free ammonia, where present in groundwater and not fully destroyed by breakpoint chlorination, combines with free chlorine to form chloramines (measured as total chlorine). Systems that use chloramine for disinfection need to be permitted, and listed in the MPP, as Total Chlorine. Based on the above results Pointe Coupee Waterworks District #1's groundwater contains naturally occurring ammonia and breakpoint chlorination is not being achieved, therefore, the system is operating as an unpermitted total chlorine (chloramine) system. The system may either: 1. Remain a free chlorine system and submit to this office a Monitoring and Control Plan (MCP) to ensure proper treatment. The MCP shall characterize the chlorine demand of the source water(s), the amount of free chlorine required to achieve proper treatment and identify monitoring to be performed to ensure proper treatment is consistently being achieved. 2. Become a monochloramine system by using and/or adding ammonia. The system shall submit to this office a MCP which requires the same as above, the chlorine demand of the source water and the amount of chlorine required to achieve proper treatment. In addition, a permit will be required for the conversion. The permit will require a chloramine test to identify the type of chloramines created in the system, a Nitrification Control Plan, dose calculations, and a public notice.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Clark Broussard,
P. O. Box 4489, Bin #10, Bienville Bldg
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
2497	11/05/2018	TOT_TTHM/HAA5	01/01/2018 - 12/31/2018

Maximum Contaminant Level (MCL) Violations during the past year

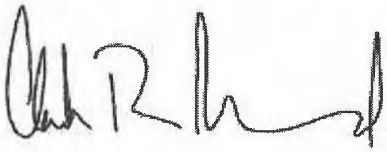
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-342-7301.

Respectfully,



Clark Broussard,
Region II Engineer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL:7018 1830 0001 0580 9162

July 23, 2019

David Mougeot
POINTE COUPEE WATER WORKS DISTRICT 1
14781 Chenal Road
Jarreau, LA 70749

Re: Class I Sanitary Survey
POINTE COUPEE WATER WORKS DISTRICT 1 Public Water System
PWS ID LA1077043
POINTE COUPEE Parish

Dear Mr. Mougeot:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 9, 2019 sanitary survey inspection of the public water supply system for POINTE COUPEE WATER WORKS DISTRICT 1 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Clark Broussard	Region II Engineering
Glenn Ray Cline	Pointe Coupee Wd #2
David Mougeot	M & S Water Supply

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing,

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/23/2019	05/28/2019	Sanitary Survey, Finished	Minor	Finished Water Storage	HD001-VENTRESS HYDROPNEUMATIC TANK
Comments: During the inspection, the hydro-pneumatic tank at the Ventress Well site was not equipped with a sight glass. Each tank shall have control equipment that consists of a water sight glass. LAC 51:XII.229.E - Appurtenances. Each tank shall have an access manhole, a drain, and control equipment consisting of a pressure gauge, water sight glass, automatic or manual air blow-off, means for adding air, and pressure operated start-stop controls for the pumps.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/15/2017	06/22/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-ELEVATED
Comments: No splash pad was found at the Bush Storage Tower for the overflow to discharge onto. All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash pad. Please install a splash pad at the overflow pipe.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/15/2017	06/22/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: At the time of the survey the facility could not produce the bacteriological results or chemical records for all of the 10 year time frame that records are required to be kept.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/15/2017	06/22/2017	Sanitary Survey, Finished	Minor	Source	1077043-002-PT COUPEE WWKS DIST #1 COTEAU RD. WELL
Comments: During the inspection, the Coteau Rd. Well did not have a working flow meter. Each well is required to have a means of measuring flow. Fix or replace the flow meter at the Coteau Rd. Well					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/08/2014	05/29/2014	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED

Comments: The overflow has been turned and does not discharge onto the provided splash plate. The water should discharge onto a splash plate.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/08/2014	05/29/2014	Sanitary Survey, Finished	Minor	Treatment	TP001-JOHN OLINDE WELL
Comments: The chlorine gas feed and storage room doors are not equipped with panic hardware.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/08/2014	05/29/2014	Sanitary Survey, Finished	Minor	Treatment	TP002-COTEAU RD. WELL
Comments: The chlorine gas feed and storage room doors are not equipped with panic hardware					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The results of water quality testing, performed on-site by LDH at the time of the site visit, are as follows: Provide table identifying test results. Lemoine Well 1077049-003: Free Ammonia – 0.59 mg/L Olinde Well 1077043-001: Free Ammonia - >0.60 mg/L Ventress #2 Well 1077024-006: Free Ammonia – 0.30 mg/L TCR 017 7866 Lance St.: Free Chlorine: 0.01 mg/L Total Chlorine: 0.50 mg/L Monochloramine: 0.28 mg/L Free Ammonia: 0.12 mg/L Pointe Coupee Waterworks District #1 is permitted and identified in the Louisiana Monitoring Plan Portal (MPP) as a free chlorine system (secondary disinfection, in the distribution system). To operate as a free chlorine system Pointe Coupee Waterworks District #1 must ensure that sufficient free chlorine is added to groundwater to carry adequate free chlorine residual throughout the

		distribution system. Naturally occurring free ammonia, where present in groundwater and not fully destroyed by breakpoint chlorination, combines with free chlorine to form chloramines (measured as total chlorine). Systems that use chloramine for disinfection need to be permitted, and listed in the MPP, as Total Chlorine. Based on the above results Pointe Coupee Waterworks District #1's groundwater contains naturally occurring ammonia and breakpoint chlorination is not being achieved, therefore, the system is operating as an unpermitted total chlorine (chloramine) system. The system may either: 1. Remain a free chlorine system and submit to this office a Monitoring and Control Plan (MCP) to ensure proper treatment. The MCP shall characterize the chlorine demand of the source water(s), the amount of free chlorine required to achieve proper treatment and identify monitoring to be performed to ensure proper treatment is consistently being achieved. 2. Become a monochloramine system by using and/or adding ammonia. The system shall submit to this office a MCP which requires the same as above, the chlorine demand of the source water and the amount of chlorine required to achieve proper treatment. In addition, a permit will be required for the conversion. The permit will require a chloramine test to identify the type of chloramines created in the system, a Nitrification Control Plan, dose calculations, and a public notice.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Clark Broussard,
P. O. Box 4489, Bin #10, Bienville Bldg
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
2497	11/05/2018	TOT_TTHM/HAA5	01/01/2018 - 12/31/2018

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-342-7301.

Respectfully,

Clark Broussard,
Region II Engineer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 8664 3900

October 1, 2019

Marvin Losavio
POINTE COUPEE WWKS DISTRICT 2- BATCHELOR
105 Gisele Street
New Roads, LA 70760

Re: Class I Sanitary Survey
POINTE COUPEE WWKS DISTRICT 2- BATCHELOR Public Water System
PWS ID LA1077045
POINTE COUPEE Parish

Dear Mr. Losavio:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 26, 2019 sanitary survey inspection of the public water supply system for POINTE COUPEE WWKS DISTRICT 2- BATCHELOR (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Christina Dang	LDH-OPH Engineering Services
Corey Harris	LDH-OPH Engineering Services
Rickie Montelaro	M & C Water

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH

determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/09/2016	11/10/2016	Sanitary Survey, Finished	Minor	Source	1077045-002-PT COUPEE WWKS DIST #2 NORMANDY LN WELL
Comments: The screen on the air release valve was damaged. Provide a compliant vent covered with twenty-four mesh non-corrodible screen. LAC 225.K.4-5 - The vents shall, on ground-level structures, open downward with the opening at least 24 inches above the roof and be covered with twenty-four mesh non-corrodible screen. The screen shall be installed within the pipe at a location least susceptible to vandalism; The vents shall, on ground storage tanks, open downward with the opening at least 24 inches above the finished grade of the surrounding ground and be covered with twenty-four mesh non-corrodible screen. The screen shall be installed within the pipe at a location least susceptible to vandalism;					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/09/2016	11/10/2016	Sanitary Survey, Finished	Minor	Treatment	TP001-WELL #1-BATCHELOR SUBD.
Comments: Automatic switch-over was not working. Repair, refurbish or install required automatic switchover. LAC 51:XII 179.B.4 - Automatic switch-over of chlorine cylinders shall be provided to assure continuous disinfection.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	A hole under the fence was present. A continuous, lockable security fence must be provided around the facility for protection against unauthorized access. LAC 51:XII.319.D.2 and LAC 51:XII.315.A - All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked; said areas shall be locked when unattended. The fence shall be resistant to climbing and at least 6 feet high. **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - WELL #1-BATCHELOR SUBD.	Treatment	Automatic switch-over was not present and functioning. Repair, refurbish or install required automatic switchover. LAC 51:XII 179.B.4 - Automatic switch-over of chlorine cylinders shall be provided to assure continuous disinfection.
FACILITY	CATEGORY	FINDINGS
TP001 - WELL #1-BATCHELOR SUBD.	Treatment	Ventilating fan and light were not present and functioning. Repair, refurbish, or replace ventilating fan and light. LAC 51:XII 209.A.3.d and LAC 51:XII 209.A.3.h - A ventilating fan with a capacity to complete one air change per minute when the room is occupied. Separate switches for the ventilating fan and for the lights shall be located outside and at the inspection window. Outside switches must be protected from vandalism. A signal light indicating ventilating fan operation shall be provided at each entrance when the fan can be controlled from more than one point.
FACILITY	CATEGORY	FINDINGS
1077045-002 - PT COUPEE WWKS DIST #2 NORMANDY LN WELL	Source	Air release valve mesh screen was damaged. Provide a compliant vent covered with four mesh non-corrodible screen, or with finer mesh in combination with an automatically resetting pressure vacuum relief mechanism. LAC 51:XII.225.K.6. - The vents shall, on elevated tanks and standpipes, open downward, and be fitted with either four mesh noncorrodible screen, or with finer mesh non-corrodible screen in combination with an automatically resetting pressure vacuum relief mechanism, as required by the state health officer.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated

above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written inspection program for the ground storage tank. For steel tanks AWWA M42 recommends the maximum interval for periodic inspections of the tank interior should normally be three (3) years. It is usually advisable to wash out the tank at the time of inspection.

2. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

3. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

4. A well pumping test is currently not performed - pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

5. Belts, gears, rotating shafts, and electrical wiring should have proper shields to prevent injury. Per LAC 51:XII.157.B - The design shall comply with all applicable safety codes and regulations that include, but are not limited to, the codes adopted under the authority of Act 12 of the 2005 First Extraordinary Session, State Fire Marshal regulations (see LAC 55:V), National Fire Protection Association (NFPA) standards, and federal Occupational Health and Safety Administration (OSHA) standards.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Christina Dang,
P. O. Box 4489, Bin #10, Bienville Bldg
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-219-7021.

Respectfully,

Christina Dang

Christina Dang,

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Security

Attachment Comments:

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 8664 3894

October 1, 2019

Marvin Losavio
POINTE COUPEE WWKS DISTRICT 2 - HWY 10
105 Gisele Street
New Roads, LA 70760

Re: Class I Sanitary Survey
POINTE COUPEE WWKS DISTRICT 2 - HWY 10 Public Water System
PWS ID LA1077047
POINTE COUPEE Parish

Dear Mr. Losavio:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 26, 2019 sanitary survey inspection of the public water supply system for POINTE COUPEE WWKS DISTRICT 2 - HWY 10 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Christina Dang	LDH-OPH Engineering Services
Corey Harris	LDH-OPH Engineering Services
Rickie Montelaro	M & C Water

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH

determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/20/2013	11/20/2013	Sanitary Survey, Finished	Minor	Treatment	TP002-LOTTIE WELL
Comments: Three 150-lb full chlorine cylinders are stored outside the chlorine room. Chlorine gas storage shall be enclosed and separated from other operating area.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/20/2013	11/20/2013	Sanitary Survey, Finished	Minor	Treatment	TP003-LABARRE WELL
Comments: Two empty 150 lb chlorine cylinders are stored outside in direct sunlight. Empty cylinders must at least be shaded.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	A leak was present in the elevated storage tank. The leak(s) must be repaired; interruption of service to customers should be minimized. LAC 51:XII.319.D.25 - All potable water systems shall be designed, constructed and maintained so as to prevent leakage of water due to defective materials, improper jointing, corrosion, settling, impacts, freezing, or other causes. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1077047-002 - LOTTIE WELL	Source	A hole under the well slab was present. Grade the well site to prevent standing water and facilitate drainage away from the well. LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. The well site grading... shall be maintained to prevent the introduction of contamination into the well casing and discharge piping; **See Attachment #1**

FACILITY	CATEGORY	FINDINGS
1077047-003 - LABARRE WELL	Source	Discharge from well piping creates possible pathway for contamination. Grade the well site to prevent standing water and facilitate drainage away from the well. LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. The well site grading... shall be maintained to prevent the introduction of contamination into the well casing and discharge piping; **See Attachment #3**

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - HWY 10 WELL	Finished Water Storage	Elevated storage tank was screened with twenty-four mesh. Provide a compliant vent covered with four mesh non-corrodible screen, or with finer mesh in combination with an automatically resetting pressure vacuum relief mechanism. LAC 51:XII.225.K.6. - The vents shall, on elevated tanks and standpipes, open downward, and be fitted with either four mesh noncorrodible screen, or with finer mesh non-corrodible screen in combination with an automatically resetting pressure vacuum relief mechanism, as required by the state health officer.
FACILITY	CATEGORY	FINDINGS
EL001 - HWY 10 WELL	Finished Water Storage	There were holes present near slab supporting riser. Provide proper grading. LAC 51:XII.225.R - The area surrounding a ground-level structure shall be graded in a manner that will prevent surface water from standing within 50 feet of it.
FACILITY	CATEGORY	FINDINGS
EL002 - LOTTIE WELL	Finished Water Storage	Elevated storage tank was screened with twenty-four mesh. Provide a compliant vent covered with four mesh non-corrodible screen, or with finer mesh in combination with an automatically resetting pressure vacuum relief mechanism. LAC 51:XII.225.K.6. - The vents shall, on elevated tanks and standpipes, open downward, and be fitted with either four mesh noncorrodible screen, or with finer mesh non-corrodible screen in combination with an automatically resetting pressure vacuum relief mechanism, as required by the state health

		officer.
FACILITY	CATEGORY	FINDINGS
EL002 - LOTTIE WELL	Finished Water Storage	There were holes present near slab supporting riser. Provide proper grading. LAC 51:XII.225.R - The area surrounding a ground-level structure shall be graded in a manner that will prevent surface water from standing within 50 feet of it.
FACILITY	CATEGORY	FINDINGS
TP003 - LABARRE WELL	Treatment	Chlorine tanks were not shielded and in direct sunlight. Provide the necessary shielding, and protect chlorine cylinders from direct sunlight and windblown debris. LAC 51:XII 209.A.4.a - Chlorine gas not stored in a room shall be protected from direct sunlight and windblown debris. LAC 51:XII 209.A.4.b - Chlorine gas not stored in a room shall be shielded from public view.
FACILITY	CATEGORY	FINDINGS
TP002 - LOTTIE WELL	Treatment	Chlorine tanks were not shielded and in direct sunlight. Provide the necessary shielding, and protect chlorine cylinders from direct sunlight and windblown debris. LAC 51:XII 209.A.4.a - Chlorine gas not stored in a room shall be protected from direct sunlight and windblown debris. LAC 51:XII 209.A.4.b - Chlorine gas not stored in a room shall be shielded from public view.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written inspection program for the ground storage tank. For steel tanks AWWA M42 recommends the maximum interval for periodic inspections of the tank interior should normally be three (3) years. It is usually advisable to wash out the tank at the time of inspection.

2. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

3. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

4. A well pumping test is currently not performed - pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

5. Belts, gears, rotating shafts, and electrical wiring should have proper shields to prevent injury. Per LAC 51:XII.157.B - The design shall comply with all applicable safety codes and regulations that include, but are not limited to, the codes adopted under the authority of Act 12 of the 2005 First Extraordinary Session, State Fire Marshal regulations (see LAC 55:V), National Fire Protection Association (NFPA) standards, and federal Occupational Health and Safety Administration (OSHA) standards.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Christina Dang,
P. O. Box 4489, Bin #10, Bienville Bldg
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-219-7021.

Respectfully,

Christina Dang

Christina Dang,

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



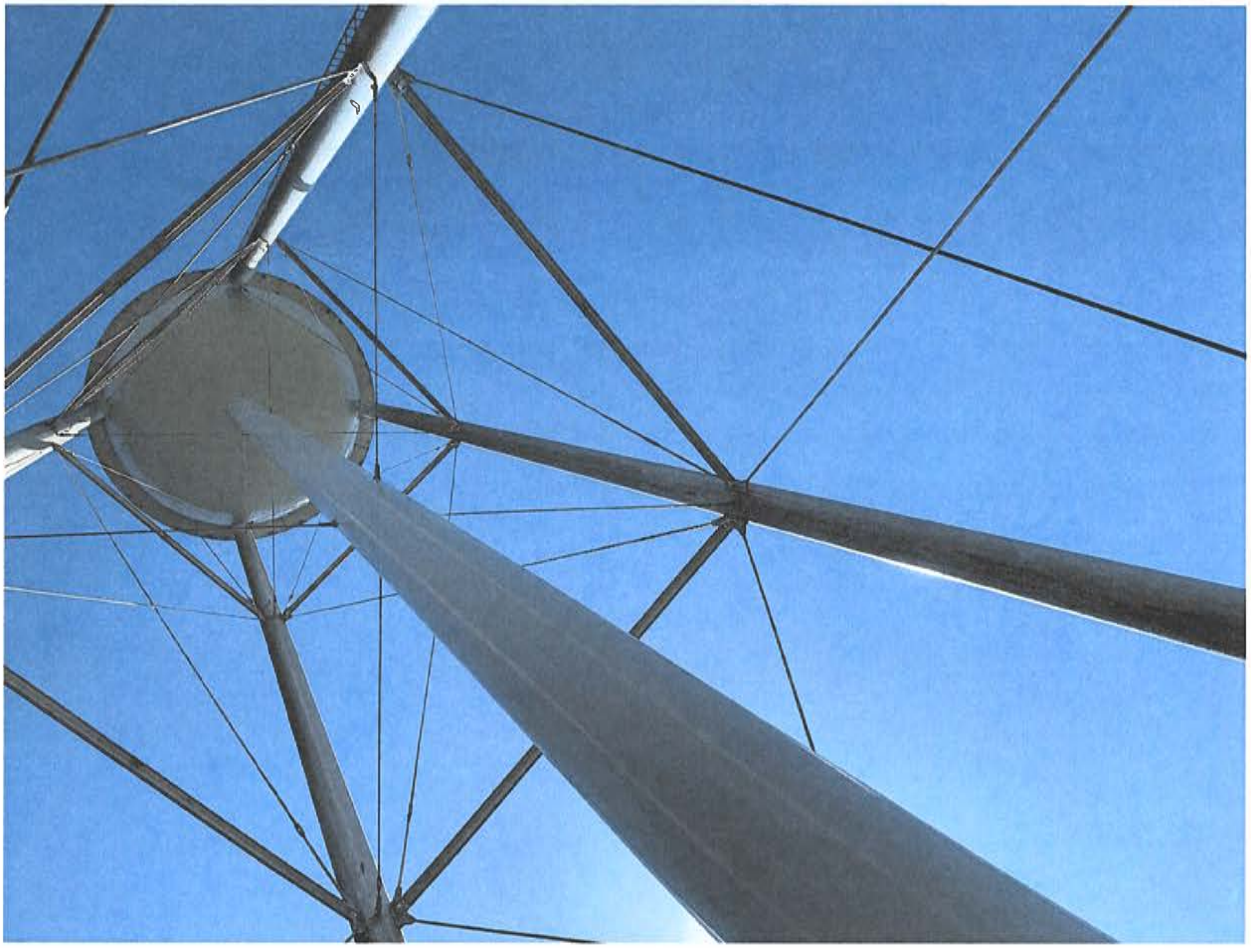
Attachment #1

Severity: Significant

Facility ID: LOTTIE WELL

Category: Source

Attachment Comments:



Attachment #2

Severity: Significant

Category: Other

Attachment Comments:



Attachment #3

Severity: Significant

Facility ID: LABARRE WELL

Category: Source

Attachment Comments:

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health
CERTIFIED MAIL: 7019 0700 0000 8664 3665

September 16, 2019

David Stewart
ALMA PLANTATION LTD
4612 Alma Rd.
Lakeland, LA 70752

Re: Class I Sanitary Survey
ALMA PLANTATION LTD Public Water System
PWS ID LA1077048
POINTE COUPEE Parish

Dear Mr. Stewart:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 19, 2019 sanitary survey inspection of the public water supply system for ALMA PLANTATION LTD (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Ryan Farlow	LDH Engineering District II
Michael Legnon	Alma Plantation, Ltd

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	LAC 51:XII.367.A - Disinfectant Residual Monitoring in Treatment Plant. A public water system (PWS) shall measure the residual disinfectant concentration within the distribution system at least once per day. Alma Plantation has 5 MRT sites. Each MRT needs to be recorded each day. At the time of the survey the practice was to collect a daily residual using a rotating MRT. Either one MRT must be selected or a residual must be collected for each MRT.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	LAC 51:XII.903.B - The water supply must provide suitable taps which draw water directly from the mains or the service lines. Such taps provide for samples which are most representative of the quality of water provided without "interference" which may be caused by plumbing problems within residences or other structures. Use of such taps decreases the chance of "bad samples" resulting in a coliform maximum contaminant level (MCL) violation which requires public notification by the public water supply and an administrative enforcement action by the EPA/DHH against the public water supply. Bacteriological water sample locations may need to be evaluated to ensure compliance while also ensure privacy of the residents.
FACILITY	CATEGORY	FINDINGS
TP002 - ALMA TREATMENT PC-17	Treatment	Adequate housing must be provided for the chlorination equipment and for storing the chlorine. At the time of the survey the shed containing chemicals is in need of some repairs. **See Attachment #1**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Ryan Farlow, R.S.
P. O. Box 4489, Bin #10, Bienville Bldg
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-342-9163.

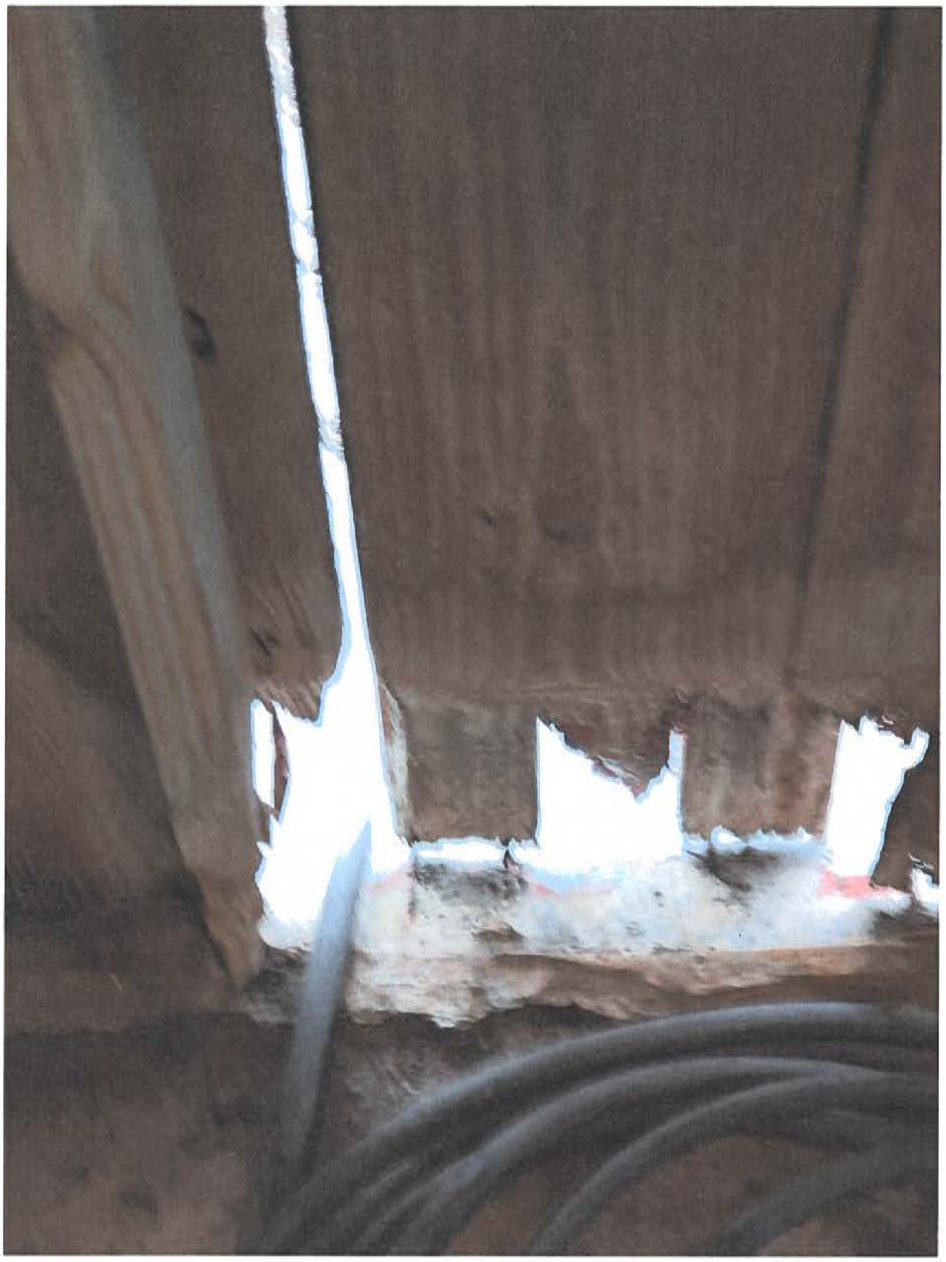
Respectfully,



Ryan Farlow, R.S.
District Compliance

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Recommendations

Facility ID: ALMA TREATMENT PC-17

Category: Treatment

Attachment Comments: Shed containing chemicals is in need of some repairs

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 8664 4464

October 22, 2019

Robert Allen
ALLEN'S WATER SERVICE - MONK RD
P O Box 1018
Innis, LA 70747

Re: Class I Sanitary Survey
ALLEN'S WATER SERVICE - MONK RD Public Water System
PWS ID LA1077050
POINTE COUPEE Parish

Dear Mr. Allen:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 14, 2019 sanitary survey inspection of the public water supply system for ALLEN'S WATER SERVICE - MONK RD (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jacob Haffner	LDH Engineering District II
Christina Dang	LDH-OPH Engineering Services
Robert Allen	Allen's Water Service

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The system does not possess a monitoring plan. Provide a monitoring plan in compliance. LAC 51:XII.319.D.20 - System shall have a monitoring plan that includes a list of all routine compliance samples required on a daily, weekly, monthly, quarterly, and annual basis and identify the sampling location where samples are to be collected. The public water system shall revise and re-submit its monitoring plan if changes to the sampling locations or if any significant changes to the disinfection methods are made. In addition, the public water system shall update and re-submit its monitoring plan when the system's sampling requirements or protocols change.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The system does not possess a permit. Provide a permit application for the system. LAC 51:XII.105.B - No public water supply shall be constructed or modified to the extent mentioned above except in accordance with the plans and specifications for the installation which have been approved, in advance, as a part of a permit issued by the state health officer prior to the start of construction or modification.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The system was not recording daily chlorine residuals. Measure chlorine residuals daily on state-approved forms. LAC 51:XII.367.F - Chlorine residuals shall be measured in accordance with the analytical methods set forth in Section 1105.C of this Part.

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The distribution system did not have taps on the water main besides the maximum resident time tap. Provide required sample taps for compliance. LAC 51:XII.903.B - The water supply must provide suitable taps which draw water directly from the mains or the service lines. Such taps provide for samples which are most representative of the quality of water provided without "interference" which may be caused by plumbing problems within residences or other structures. Use of such taps decreases the chance of "bad samples" resulting in a coliform maximum contaminant level (MCL) violation which requires public notification by the public water supply and an administrative enforcement action by the EPA/DHH against the public water supply.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Christina Dang,
P. O. Box 4489, Bin #10, Bienville Bldg
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-219-7021.

Respectfully,

Christina Dang

Christina Dang, E.I.

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 8664 4488

October 22, 2019

Robert Allen
ALLEN'S WATER SERVICE - STEINSON RD
P O Box 1018
Innis, LA 70747

Re: Class I Sanitary Survey
ALLEN'S WATER SERVICE - STEINSON RD Public Water System
PWS ID LA1077051
POINTE COUPEE Parish

Dear Mr. Allen:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 14, 2019 sanitary survey inspection of the public water supply system for ALLEN'S WATER SERVICE - STEINSON RD (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jacob Haffner	LDH Engineering District II
Christina Dang	LDH-OPH Engineering Services
Robert Allen	Allen's Water Service

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The system does not possess a monitoring plan. Provide a monitoring plan in compliance. LAC 51:XII.319.D.20 - System shall have a monitoring plan that includes a list of all routine compliance samples required on a daily, weekly, monthly, quarterly, and annual basis and identify the sampling location where samples are to be collected. The public water system shall revise and re-submit its monitoring plan if changes to the sampling locations or if any significant changes to the disinfection methods are made. In addition, the public water system shall update and re-submit its monitoring plan when the system's sampling requirements or protocols change.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The system does not possess a permit. Provide a permit application for the system. LAC 51:XII.105.B - No public water supply shall be constructed or modified to the extent mentioned above except in accordance with the plans and specifications for the installation which have been approved, in advance, as a part of a permit issued by the state health officer prior to the start of construction or modification.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The system was not recording daily chlorine residuals. Measure chlorine residuals daily on state-approved forms. LAC 51:XII.367.F - Chlorine residuals shall be measured in accordance with the analytical methods set forth in Section 1105.C of this Part.

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The distribution system did not have taps on the water main besides the maximum resident time tap. Provide required sample taps for compliance. LAC 51:XII.903.B - The water supply must provide suitable taps which draw water directly from the mains or the service lines. Such taps provide for samples which are most representative of the quality of water provided without "interference" which may be caused by plumbing problems within residences or other structures. Use of such taps decreases the chance of "bad samples" resulting in a coliform maximum contaminant level (MCL) violation which requires public notification by the public water supply and an administrative enforcement action by the EPA/DHH against the public water supply.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Christina Dang,
P. O. Box 4489, Bin #10, Bienville Bldg
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-219-7021.

Respectfully,

Christina Dang

Christina Dang, E.I.

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 8664 4471

October 22, 2019

Robert Allen
ALLEN'S WATER SERVICE - PORTER RD
P O Box 1018
Innis, LA 70747

Re: Class I Sanitary Survey
ALLEN'S WATER SERVICE - PORTER RD Public Water System
PWS ID LA1077052
POINTE COUPEE Parish

Dear Mr. Allen:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 14, 2019 sanitary survey inspection of the public water supply system for ALLEN'S WATER SERVICE - PORTER RD (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jacob Haffner	LDH Engineering District II
Christina Dang	LDH-OPH Engineering Services
Robert Allen	Allen's Water Service

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The system does not possess a monitoring plan. Provide a monitoring plan in compliance. LAC 51:XII.319.D.20 - System shall have a monitoring plan that includes a list of all routine compliance samples required on a daily, weekly, monthly, quarterly, and annual basis and identify the sampling location where samples are to be collected. The public water system shall revise and re-submit its monitoring plan if changes to the sampling locations or if any significant changes to the disinfection methods are made. In addition, the public water system shall update and re-submit its monitoring plan when the system's sampling requirements or protocols change.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The system does not possess a permit. Provide a permit application for the system. LAC 51:XII.105.B - No public water supply shall be constructed or modified to the extent mentioned above except in accordance with the plans and specifications for the installation which have been approved, in advance, as a part of a permit issued by the state health officer prior to the start of construction or modification.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The system was not recording daily chlorine residuals. Measure chlorine residuals daily on state-approved forms. LAC 51:XII.367.F - Chlorine residuals shall be measured in accordance with the analytical methods set forth in Section 1105.C of this Part.

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The distribution system did not have taps on the water main besides the maximum resident time tap. Provide required sample taps for compliance. LAC 51:XII.903.B - The water supply must provide suitable taps which draw water directly from the mains or the service lines. Such taps provide for samples which are most representative of the quality of water provided without "interference" which may be caused by plumbing problems within residences or other structures. Use of such taps decreases the chance of "bad samples" resulting in a coliform maximum contaminant level (MCL) violation which requires public notification by the public water supply and an administrative enforcement action by the EPA/DHH against the public water supply.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Christina Dang,
P. O. Box 4489, Bin #10, Bienville Bldg
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-219-7021.

Respectfully,

Christina Dang

Christina Dang, E.I.

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health
CERTIFIED MAIL:7018 1830 0001 0580 8981

May 24, 2019

Jeffrey Morrison
BIG CAJUN II POWER PLANT
P.O. Box 39
Ventress, LA 70783

Re: Class I Sanitary Survey
BIG CAJUN II POWER PLANT Public Water System
PWS ID LA2077010
POINTE COUPEE Parish

Dear Mr. Morrison:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 15, 2019 sanitary survey inspection of the public water supply system for BIG CAJUN II POWER PLANT (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Clark Broussard	LDH/OPH Region II Engineering
Jeffrey Morrison	CLECO
Sarah Wade	LDH/OPH Engineering Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
GR002 - GROUND	Finished Water Storage	During the survey, it was noted that the overflow on the north tank had growth and debris blocking the screen. In accordance with LAC 51:XII.337.C any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures. **See Attachment #3**

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	At the time of the survey, the splash pad at the southern ground storage tank was covered with grout from recent facility upgrades. The grout should be removed so that the overflow opening is once again 12-24 inches above the ground surface, and in compliance with LAC 51.XII.225.I.1.
FACILITY	CATEGORY	FINDINGS
2077010-005 - BIG CAJUN II P-8 REPLACEMENT WELL	Source	At the time of the survey, it was observed that the discharge piping for the replacement P8 well was unpainted and uncovered. As called for in LAC 51.XII.169.H.3.a.viii, the discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage and freezing. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
2077010-004 - BIG CAJUN II	Source	During the survey, it was noted

P6 REPLACEMENT WELL		that the soil around the slab of replacement well P6 was starting to wash out. In accordance with LAC 51.XII.169.E.8.d, it is recommended that the areas affected by erosion be filled in order to protect the well slab from physical damage.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	It was noted during the survey that the spindle beneath the motor on replacement well P-8 is exposed, presenting a safety hazard to the site staff and visitors. It is recommended that a metal mesh or cage be added to the well to prevent entanglement with moving parts. **See Attachment #2**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Clark Broussard,
P. O. Box 4489, Bin #10, Bienville Bldg
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

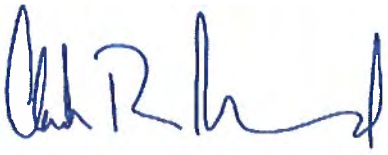
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-342-7301.

Respectfully,



Clark Broussard,
Region II Engineer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: BIG CAJUN II P-8 REPLACEMENT WELL

Category: Source

Attachment Comments: At the time of the survey, it was observed that the discharge piping for the replacement P8 well was unpainted and uncovered. As called for in LAC 51.XII.169.H.3.a.viii, the discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage and freezing.

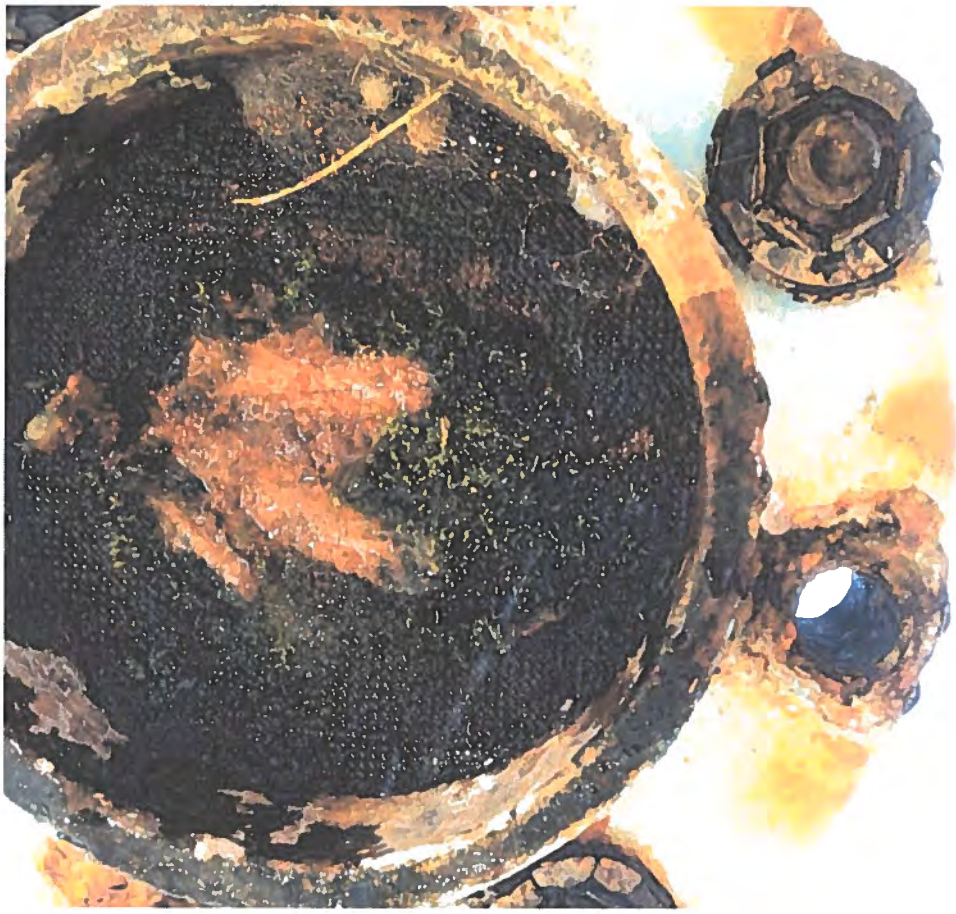


Attachment #2

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: It was noted during the survey that the spindle beneath the motor on replacement well P-8 is exposed, presenting a safety hazard to the site staff and visitors. It is recommended that a metal mesh or cage be added to the well to prevent entanglement with moving parts.



CLECO

Attachment #3

Severity: Significant

Facility ID: GROUND

Category: Finished Water Storage

Attachment Comments: During the survey, it was noted that the overflow on the north tank had growth and debris blocking the screen. In accordance with LAC 51:XII.337.C any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 2710 0000 4927 6170

May 15, 2019

Bob Wooley
GARDNER COMMUNITY WATER SYSTEM
405 Mudge Rd
Boyce, LA 71409

Re: Class I Sanitary Survey
GARDNER COMMUNITY WATER SYSTEM Public Water System
PWS ID LA1079010
RAPIDES Parish

Dear Wooley:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 2, 2019 sanitary survey inspection of the public water supply system for GARDNER COMMUNITY WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
James Monroe	LDH OPH Engineering Services
Sonya Hill	Gardner Community Water System
John Lasyone	Gardner Community Water Assn
Lynda Winegeart	Gardner Community Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was noted that the system did not have the equipment necessary to validate their colorimeter. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of the survey, it was noted that the operator was not testing the Residual Chlorine in the proper way. Water system shall have operator refresh himself on proper procedure for measuring Chlorine residual.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: James Monroe,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-484-2163.

Respectfully,

James Monroe,
Engineer Manager

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7016 2710 0000 4927 6224**

June 25, 2019

Mayor Joey Mott
TOWN of GLENMORA WATER SYSTEM
PO Box 265
Glenmora, LA 71433

Re: Class I Sanitary Survey
TOWN of GLENMORA WATER SYSTEM Public Water System
PWS ID LA1079011
RAPIDES Parish

Dear Mayor. Mott:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 19, 2019 sanitary survey inspection of the public water supply system for TOWN of GLENMORA WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
James Monroe	LDH OPH Engineering Services
Brian Laird	Town Of Glenmora
Russell Turnage	Hineston Water System Inc.

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	A gap was discovered at the bottom of the fence around the elevated storage tank (EST) by City Hall. System shall fill in the gaps appropriately. EST by City Hall has one leg outside the Security Fence. **See Attachments #4 and #5**

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED AT TOWN HALL	Finished Water Storage	At time of Inspection, EST Overflow was less than 12" from ground, without a splash pad. Water system shall make necessary changes to overflow. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED AT TOWN HALL	Finished Water Storage	Elevated Storage tank did not have a #4 Mesh on the overflow pipe. System shall install #4 Mesh screen on overflow. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1079011-001 - WELL 1	Source	At the time of the inspection, when the well was in operation, the check valve for the well vent was not operational allowing water to continuously flow from the vent. System shall repair/replace the check valve to ensure proper operation. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - DISINFECTION	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.

WELL 1 AND 2		
FACILITY	CATEGORY	FINDINGS
TP003 - DISINFECTION WELL 3	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: James Monroe,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-484-2163.

Respectfully,

James Monroe,
Engineer Manager

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

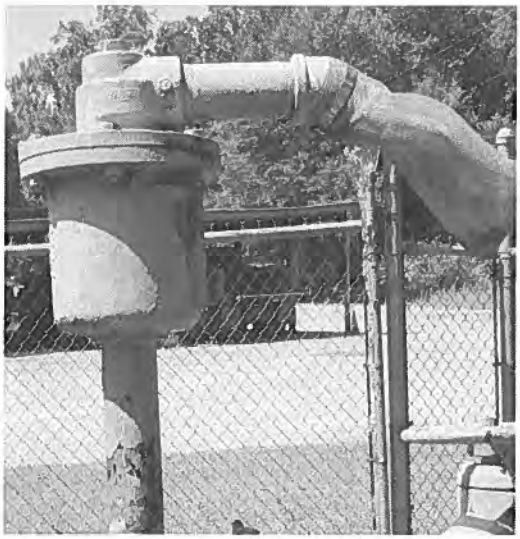
Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Minor

Facility ID: WELL 1

Category: Source

Attachment Comments: Check Valve Leaking



Attachment #2

Severity: Minor

Facility ID: ELEVATED AT TOWN HALL

Category: Finished Water Storage

Attachment Comments: No Screen



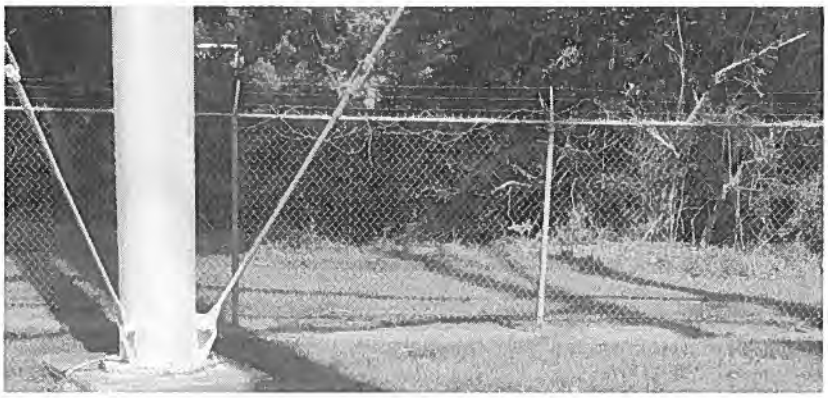
Attachment #3

Severity: Minor

Facility ID: ELEVATED AT TOWN HALL

Category: Finished Water Storage

Attachment Comments: Overflow not correct Height



Attachment #4

Severity: Significant

Category: Security

Attachment Comments: Gap at bottom of fence



Attachment #5

Severity: Significant

Category: Security

Attachment Comments: Leg of EST outside security fence.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 2710 0000 4927 6330

August 15, 2019

Russell Turnage
HINESTON WATER SYSTEM, INC
PO Box 100
Hineston, LA 71438

Re: Class I Sanitary Survey
HINESTON WATER SYSTEM, INC Public Water System
PWS ID LA1079012
RAPIDES Parish

Dear Mr. Turnage:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 7, 2019 sanitary survey inspection of the public water supply system for HINESTON WATER SYSTEM, INC (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
James Monroe	LDH OPH Engineering Services
Chris Chapman	Hineston Water System Inc.
Russell Turnage	Hineston Water System Inc.

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1079012-002 - WELL 2 EAST	Source	The well does not have a concrete cover slab. The well shall have a concrete cover slab of at least 4 inches thick and extend at least 2.5 feet in all directions. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
1079012-001 - WELL 1 WEST	Source	The well does not have a concrete cover slab. The well shall have a concrete cover slab of at least 4 inches thick and extend at least 2.5 feet in all directions. **See Attachment #3**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of the inspection, the water system only had Chlorine Residual Readings available back to June of 2019. The system shall monitor Chlorine Residual daily and maintain the record of these values on the appropriate forms, for the length of time required by Title 51, Part 12. System shall also provide copy of the previous months readings to the Region VI Engineering office by the 10 of the following month, for the next 6 months or as long as the Regional Engineer deems necessary.
FACILITY	CATEGORY	FINDINGS
GR004 - GROUND TANK SOUTH STATION SOUTH NEW	Finished Water Storage	Ground Storage Tank Overflow does not discharge between 12 and 24 inches above the ground. System shall make necessary modifications.
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND TANK SOUTH STATION NORTH NEW	Finished Water Storage	Ground Storage Tank Overflow does not discharge between 12 and 24 inches above the ground. System shall make necessary modifications.

FACILITY	CATEGORY	FINDINGS
GR004 - GROUND TANK SOUTH STATION SOUTH NEW	Finished Water Storage	The overflow pipe is not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen and installed to provide protection at all times. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND TANK SOUTH STATION NORTH NEW	Finished Water Storage	The overflow pipe is not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen and installed to provide protection at all times. **See Attachment #2**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: James Monroe,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
6005127	11/05/2018	CHLORINE	10/01/2018 - 10/31/2018
6005126	11/05/2018	E. COLI	10/01/2018 - 10/31/2018

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-484-2163.

Respectfully,

James Monroe,
Engineer Manager

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Minor

Facility ID: GROUND TANK SOUTH STATION SOUTH NEW

Category: Finished Water Storage

Attachment Comments: No Screen on Overflow / Not between 12 and 24 inches



Attachment #2

Severity: Minor

Facility ID: GROUND TANK SOUTH STATION NORTH NEW

Category: Finished Water Storage

Attachment Comments: No Screen on Overflow / Not between 12 and 24 inches



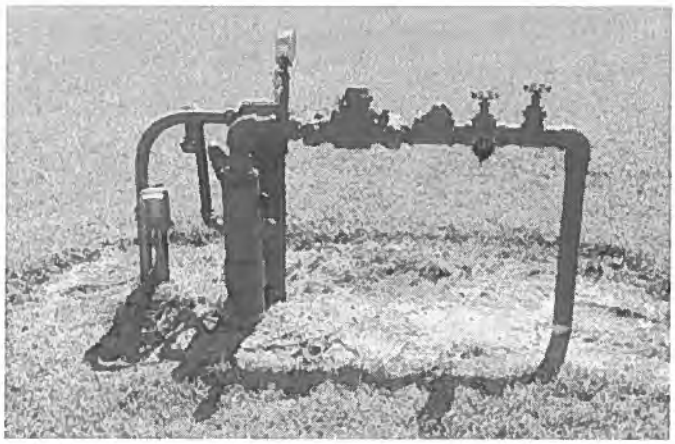
Attachment #3

Severity: Significant

Facility ID: WELL 1 WEST

Category: Source

Attachment Comments: Slab not 2.5 feet in all directions



Attachment #4

Severity: Significant

Facility ID: WELL 2 EAST

Category: Source

Attachment Comments: No slab

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7015 1520 0002 3209 9909

June 5, 2019

William E. Edrington, III
TOWN of LECOMPTE (LAWCO)
P.O. Box 66396
Baton Rouge, LA 70896

Re: Class I Sanitary Survey
TOWN of LECOMPTE (LAWCO)
PWS ID LA1079014
RAPIDES Parish

Dear Mr. Edrington, III:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 23, 2019 sanitary survey inspection of the public water supply system for TOWN of LECOMPTE (LAWCO) (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
James Monroe	LDH OPH Engineering Services
Rachael Bruce	LDH Region 6
Donald Darbonne	LAWCO
Kendall Holden	Town Of Lecompte (LAWCO)

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/18/2017	09/18/2017	Sanitary Survey, Finished	Minor	Source	1079014-002-WELL 5 NEXT TO RR
Comments: Light erosion on east end of well slab; recommend adding fill dirt and top over with gravel to prevent washout.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	The fence around the EST had gaps at the bottom of the fence. System shall correct the gaps. Please submit labeled photographic documentation of completed modifications. **See Attachment #6 and #7**
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	GST Vent not properly screened and less than 1 ft. from roof of GST. System shall make corrections to vent to get to proper height above roof of GST and properly Screen vent. **See Attachment #4 and #3**

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	The Ground Storage Tank overflow pipe does not discharge at proper elevation. All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	The overflow pipe is not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen and installed to provide protection at all times. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	The overflow pipe is not screened. The overflow pipe must be screened with 4 mesh non-corrodible screen. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1079014-002 - WELL 5 NEXT TO RR	Source	Well had a leak at on the packing nut on a valve on the discharge piping. System shall correct the leak.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: James Monroe,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-484-2163.

Respectfully,

James Monroe,
Engineer Manager

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



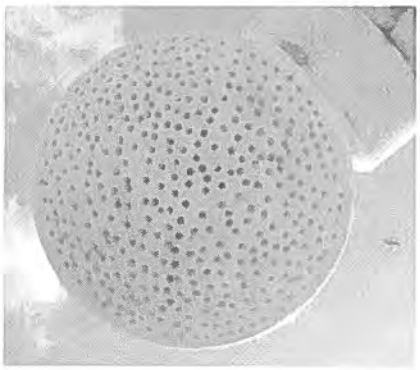
Attachment #1

Severity: Minor

Facility ID: ELEVATED

Category: Finished Water Storage

Attachment Comments: No Screen on Overflow



Attachment #2

Severity: Minor

Facility ID: GROUND

Category: Finished Water Storage

Attachment Comments: No Screen on Overflow



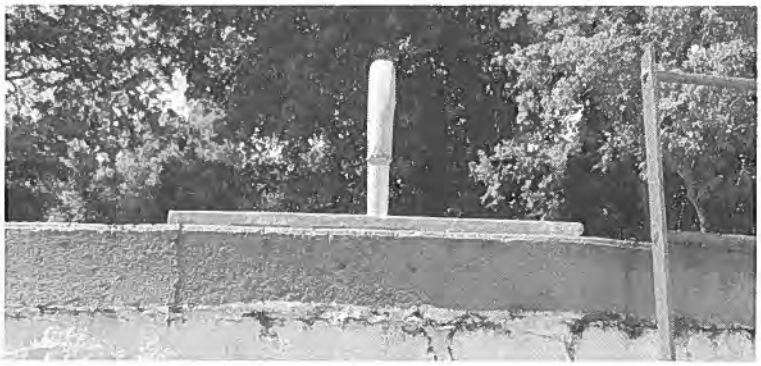
Attachment #3

Severity: Significant

Facility ID: GROUND

Category: Finished Water Storage

Attachment Comments: Vent less than 1 ft from roof/not properly screened



Attachment #4

Severity: Significant

Facility ID: GROUND

Category: Finished Water Storage

Attachment Comments: Vent opening less than 1 ft from roof



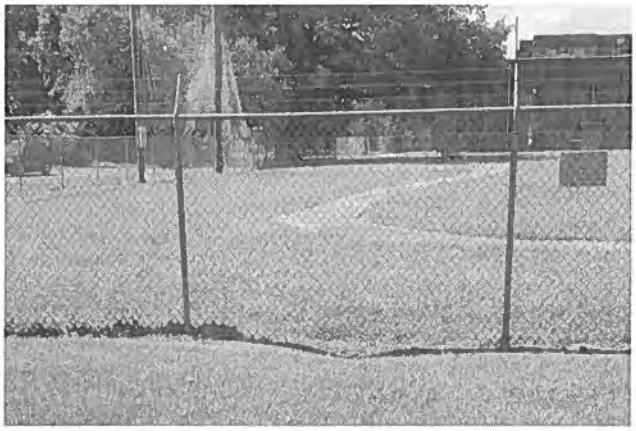
Attachment #5

Severity: Minor

Facility ID: GROUND

Category: Finished Water Storage

Attachment Comments: Overflow not discharging between 12 and 24 inches above ground



Attachment #6

Severity: Significant

Category: Security

Attachment Comments: Gap at bottom of fence at EST (south side of fence)



Attachment #7

Severity: Significant

Category: Security

Attachment Comments: Gap at bottom of fence at EST (north side of fence)

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 2710 0000 4927 6255

July 10, 2019

Don Parker
VILLAGE of MCNARY WATER SYSTEM
PO Box 1197
Glenmora, LA 71433

Re: Class I Sanitary Survey
VILLAGE of MCNARY WATER SYSTEM Public Water System
PWS ID LA1079015
RAPIDES Parish

Dear Mr. Parker:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 2, 2019 sanitary survey inspection of the public water supply system for VILLAGE of MCNARY WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
James Monroe	LDH OPH Engineering Services
Rachael Bruce	LDH Region 6
Malcolm L English	Village Of McNary

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/27/2017	10/28/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: Village of McNary shall measure and record Chlorine residuals daily including weekends and holidays, using the Monthly Chlorine residual Reports.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/19/2015	03/20/2015	Sanitary Survey, Finished	Minor	Source	1079015-001-WELL 1
Comments: There is no flow meter on Well 1.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	Chlorine residuals must be monitored daily at the water production (POE) site. A critical point (MRT), the location in the water system furthest from treatment, must be monitored daily. An additional chlorine residual check must be made monthly at the ACR site. These points were established for the water system during the submittal of the Monitoring Plan on the Monitoring Portal website. A free chlorine residual of 0.5 mg/L is required at all times and at all locations tested. Please start measuring and recording the residuals at the locations described using a digital chlorine analyzer. Residuals must also be recorded on signed and dated "LDH Approved Chlorine Residual Forms", which can be found at: http://new.dhh.louisiana.gov/index.cfm/page/1725 System still not recording data appropaitely. System shall send copies of appropiatly filled out forms to LDH for each month by the 10th of the following month.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	During the sanitary survey visit, it was noted that changes requiring a written approval from the state health officer were started and/or completed without authorization. Please submit to this office signed, stamped, and dated As-Built plans and specifications from a Louisiana licensed professional engineer for review and approval by LDH. There is only one Chlorination location now, originally Chlorination was taking place at each well, no longer the case.

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	No formal cross connection control plan was available. The water system must create and implement a cross connection control plan. Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	There is no customer list with backflow devices being managed by the water system. A customer listing should be compiled showing customers and applicable devices. All commercial customers should be assessed for proper backflow prevention devices. The water system should have a procedure for addressing existing customers that do not currently have the required protection device.
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND 2	Finished Water Storage	At the time of the inspection the tank was leaking. Operator had recently placed some Flex Tape on leak to patch it. System shall remove Flex Tape, and get GST properly repaired to fix leak. **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was noted that the system did not have the equipment necessary to validate their colorimeter. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired.
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND 3	Finished Water Storage	All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. System shall make necessary adjustments to overflow to get discharge to proper height. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND 2	Finished Water Storage	All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. System shall make necessary adjustments to overflow to get discharge to proper height. **See Attachment #2**

FACILITY	CATEGORY	FINDINGS
GR003 - GROUND 3	Finished Water Storage	From review the finished water storage facilities (ground storage tanks, and hydro pneumatic tanks) should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages' interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities could benefit from an inspection.
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND 2	Finished Water Storage	From review the finished water storage facilities (ground storage tanks, and hydro pneumatic tanks) should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages' interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities could benefit from an inspection.
FACILITY	CATEGORY	FINDINGS
TP001 - DISINFECTION WELL 1	Treatment	The chlorine gas room must have separate switches for the fan and lights located outside of the chlorine room. The light and fan in the chlorine room are currently not operational. System shall fix the lighting and ventilating fan.
FACILITY	CATEGORY	FINDINGS
1079015-001 - WELL 1	Source	The air relief valve is leaking. The air relief valve needs to be repaired or replaced to eliminate the potential for contamination from the questionable quality water being retained in the air relief valve after start up. **See Attachment #4**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - DISINFECTION WELL 1	Treatment	Empty Chlorine Bottles stored in direct sunlight. Full and empty chlorine bottles should be stored out of direct sunlight.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: James Monroe,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-484-2163.

Respectfully,

James Monroe,
Engineer Manager

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

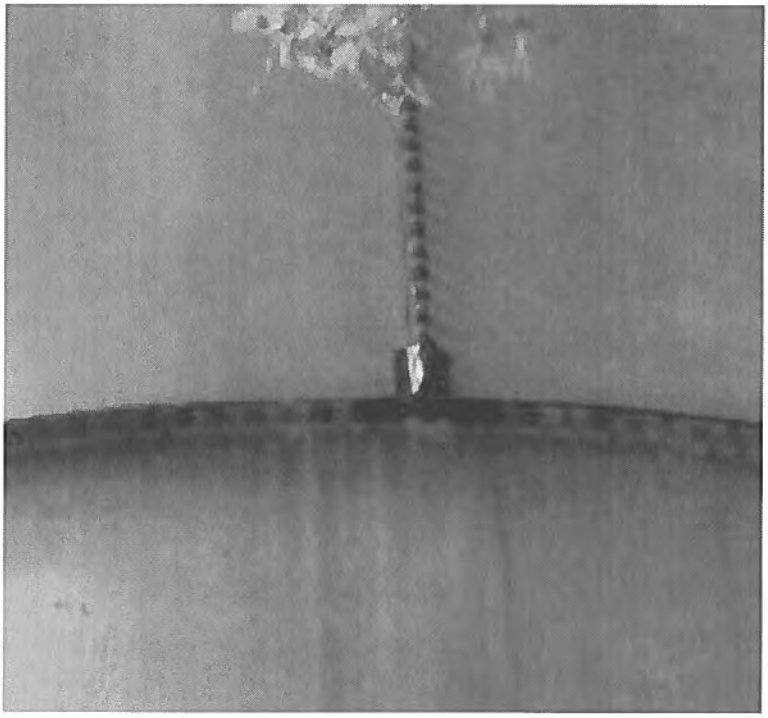
Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Significant

Facility ID: GROUND 2

Category: Finished Water Storage

Attachment Comments: Leak on GST



Attachment #2

Severity: Minor

Facility ID: GROUND 2

Category: Finished Water Storage

Attachment Comments: GST #2 Overflow



Attachment #3

Severity: Minor

Facility ID: GROUND 3

Category: Finished Water Storage

Attachment Comments: GST #3 Overflow



Attachment #4

Severity: Minor

Facility ID: WELL 1

Category: Source

Attachment Comments: Relief Valve leaking

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 2710 0000 4927 6101

April 1, 2019

Hugh Halle
CITY of PINEVILLE WATER SYSTEM
PO Box 3820
Pineville, LA 71360

Re: Class I Sanitary Survey
CITY of PINEVILLE WATER SYSTEM Public Water System
PWS ID LA1079016
RAPIDES Parish

Dear Mr. Halle:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 21, 2019 sanitary survey inspection of the public water supply system for CITY of PINEVILLE WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
James Monroe	LDH OPH Engineering Services
Rachael Bruce	LDH OPH Engineering Services
Paul Cannon	City Of Pineville
William Charlot	LDH OPH Engineering Services
Hugh Halle	City Of Pineville Water System
Rachel Tate	City Of Pineville Water System

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing,

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/21/2017	03/21/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GROUND AT LAKEVIEW
Comments: Minor leak present on ground storage tank.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/21/2017	03/21/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR007-GROUND AT LIBUSE
Comments: Corrosion should be removed prior to fresh painting to prevent further damage.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/21/2017	03/21/2017	Sanitary Survey, Finished	Minor	Source	1079016-001-WELL AT LAKEVIEW
Comments: Pressure gauge is missing and the sample tap is in need of repair.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/21/2017	03/21/2017	Sanitary Survey, Finished	Minor	Source	1079016-001-WELL AT LAKEVIEW
Comments: Cracks in well slab should be repaired to prevent further damage to the concrete.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/21/2017	03/21/2017	Sanitary Survey, Finished	Minor	Source	1079016-002-WELL AT BRICE ST
Comments: Pressure gauge and check valve are missing from the well construction.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/21/2017	03/21/2017	Sanitary Survey, Finished	Minor	Source	1079016-002-WELL AT BRICE ST
Comments: Rust should be removed before painting to prevent development of structural damage due to pitting.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/21/2017	03/21/2017	Sanitary Survey, Finished	Minor	Source	1079016-003-WELL AT WEBSTER ST
Comments: Missing pressure gauge					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/21/2017	03/21/2017	Sanitary Survey, Finished	Minor	Source	1079016-006-WELL AT HWY 107
Comments: Rust should be removed before repainting the piping to prevent damage.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/21/2017	03/21/2017	Sanitary Survey, Finished	Minor	Source	1079016-013-HWY 3128 WELL. EAST
Comments: Rust should be removed prior to painting to prevent development of structural damage due to pitting.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/21/2017	03/21/2017	Sanitary Survey, Finished	Minor	Treatment	TP006-DISINFECTION WELL HWY 107
Comments: Fan should be replaced or repaired to ensure proper ventilation of chlorine enclosure.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/21/2017	03/21/2017	Sanitary Survey, Finished	Minor	Treatment	TP011-DISINFECTION WELL JANET DRIVE
Comments: Fan should be working to ensure proper ventilation of chlorine enclosure					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/21/2017	03/21/2017	Sanitary Survey, Finished	Minor	Treatment	TP011-DISINFECTION WELL JANET DRIVE
Comments: Light inside enclosure was inoperable.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/21/2017	03/21/2017	Sanitary Survey, Finished	Minor	Treatment	TP012-DISINFECTION. WL012. PAPER MILL RD
Comments: Fan should be working to ensure proper ventilation of chlorine enclosure					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/21/2017	03/21/2017	Sanitary Survey, Finished	Minor	Treatment	TP012-DISINFECTION. WL012. PAPER MILL RD
Comments: Light inside enclosure was inoperable.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/21/2017	03/21/2017	Sanitary Survey, Finished	Minor	Treatment	TP013-DISINFECTION. WL013. PAPER MILL RD
Comments: Light inside enclosure was inoperable					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/21/2017	03/21/2017	Sanitary Survey, Finished	Minor	Treatment	TP013-DISINFECTION. WL013. PAPER MILL RD
Comments: Fan should be working to ensure proper ventilation of chlorine enclosure					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	At the time of the Survey, the fence at following locations had the issues listed. O'Neal Street: GST: 1. Fence not 6' tall in all spots. 2. Trees growing thru fence. 3. Vegetation growing in fence. Cappel Street GST: 1.Vegetation growing in fence. 2. Gap between ground and bottom of fence. Suseck Drive GST: 1. Trees growing thru fence. Libuse GST: Damage to Fence. System shall remove vegetation and trees from fence and ensure fence is proper height, correct any gaps in the fence. **See Attachment #14, #12, #24, #15 and #13**
FACILITY	CATEGORY	FINDINGS
GR006 - GROUND AT HWY 107	Finished Water Storage	Overflow is not facing downward and not more than 2 feet above ground. System shall make necessary changes to overflow to meet LA Code. **See Attachment #23**
FACILITY	CATEGORY	FINDINGS
GR008 - GROUND AT ONEAL	Finished Water Storage	Overflow is not facing downward and not more than 2 feet above ground. System shall make necessary changes to overflow to meet LA Code. **See Attachment #29**
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND AT SHAMROCK	Finished Water Storage	Overflow is not facing downward and not more than 2 feet above ground. System shall make necessary changes to overflow to meet LA Code.
FACILITY	CATEGORY	FINDINGS
EL002 - ELEVATED TANK ON HWY 28	Finished Water Storage	Overflow is not facing downward and not more than 2 feet above ground. System shall make necessary changes to overflow to meet LA Code. **See Attachment #21**
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED AT EXPRESSWAY	Finished Water Storage	Overflow is not facing downward and not more than 2 feet above ground. System shall make necessary changes to overflow to meet LA Code.
FACILITY	CATEGORY	FINDINGS
GR005 - GROUND AT JANET	Finished Water Storage	Overflow is not facing downward and not more than 2 feet above ground. System shall make necessary changes to overflow to meet LA Code. **See Attachment #22**
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND AT RUBY	Finished Water Storage	Overflow is not facing downward and not more than 2 feet above ground. System shall make necessary changes to overflow to meet LA Code.
FACILITY	CATEGORY	FINDINGS
GR004 - GROUND AT CAPPEL	Finished Water Storage	Overflow is not facing downward and not more than 2 feet above ground. System shall make necessary changes to overflow to meet LA Code.

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND AT LAKEVIEW	Finished Water Storage	Overflow is not facing downward and not more than 2 feet above ground. System shall make necessary changes to overflow to meet LA Code.
FACILITY	CATEGORY	FINDINGS
1079016-006 - WELL AT HWY 107	Source	At time of the survey, the following thing were noted: The wells casing vent is not covered by a 24 mesh corrosion resistant screen. The wells casing vent must be covered by a 24 mesh corrosion resistant screen and the well's packing gland was leaking. The wells casing vent must be covered by a 24 mesh corrosion resistant screen prevent the entrance of foreign matter or to prevent the entrance of contamination, Water system shall repair packing Gland to prevent leakage. **See Attachment #16 and #17**
FACILITY	CATEGORY	FINDINGS
1079016-013 - HWY 3128 WELL. EAST	Source	The well has an existing cracked slab. The well shall be provided with a watertight cover constructed of concrete at least 4 inches thick and 2.5 feet in all directions. The cover must be graded to drain away from casing. Repair the cracked concrete slab to prevent any potential contamination into the well. **See Attachment #20**
FACILITY	CATEGORY	FINDINGS
1079016-007 - WELL AT ONEAL ST	Source	The well has an existing cracked slab. The well shall be provided with a watertight cover constructed of concrete at least 4 inches thick and 2.5 feet in all directions. The cover must be graded to drain away from casing. Repair the cracked concrete slab to prevent any potential contamination into the well. **See Attachment #18**
FACILITY	CATEGORY	FINDINGS
1079016-001 - WELL AT LAKEVIEW	Source	The well is not equipped with an approved sample tap. An approved sample tap must be located upstream of the well discharge line check valve. The sample tap must be the smooth nozzle type. The area under and around the tap must accommodate sample containers which could be as large as a one gallon plastic milk jug without having to tilt the container to place under and remove from under the tap.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND AT LAKEVIEW	Finished Water Storage	At the time of the inspection, the overflow was not opening downward and the screen mesh required by Title 51 Part 12, was improperly installed. Water system shall correct orientation of pipe and install screen properly according code (Title 51, Part 12, Sub Chapter C, Sub Section 225.I.2.b). **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND AT RUBY	Finished Water Storage	At the time of the inspection, the overflow was not opening downward and the screen mesh required by Title 51 Part 12, was improperly installed. Water system shall correct orientation of pipe and install screen properly according code (Title 51, Part 12, Sub Chapter C, Sub Section 225.I.2.b). **See Attachment #5**

FACILITY	CATEGORY	FINDINGS
GR004 - GROUND AT CAPPEL	Finished Water Storage	At the time of the inspection, the overflow was not opening downward and the screen mesh required by Title 51 Part 12, was improperly installed. Water system shall correct orientation of pipe and install screen properly according code (Title 51, Part 12, Sub Chapter C, Sub Section 225.I.2.b). **See Attachment #10**
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND AT SHAMROCK	Finished Water Storage	At the time of the survey, sample tap was not a Smooth-nosed sampling tap and was in an improper location. System shall replace sample tap with a Smooth-nosed sampling tap, and move to appropriate location. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED AT EXPRESSWAY	Finished Water Storage	Overflow not facing downward. Overflow should be facing downward toward a splash pad. **See Attachment #19**
FACILITY	CATEGORY	FINDINGS
GR005 - GROUND AT JANET	Finished Water Storage	Screen damaged and improperly installed. System should repair and correctly install screen
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED AT EXPRESSWAY	Finished Water Storage	The overflow for the elevated storage tank does not directly discharge over a splash pad, causing erosion. The discharge must discharge over a splash plate or drainage inlet structure to prevent erosion around the foundation of the tower that could comprise the structural integrity of the tower
FACILITY	CATEGORY	FINDINGS
GR006 - GROUND AT HWY 107	Finished Water Storage	The overflow pipe is not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen.
FACILITY	CATEGORY	FINDINGS
GR004 - GROUND AT CAPPEL	Finished Water Storage	Vent opening of GST not 24 inches above roof and screen not installed properly. System shall install vent in accordance with LA Title 51, Part 12, Subchapter C, Subsection 225.K,4. **See Attachment #11**
FACILITY	CATEGORY	FINDINGS
TP003 - DISINFECTION WELL AT WEBSTER ST	Treatment	At the time of the survey, the Ventilation Fan was inoperable. System shall replace the fan with a fully functional fan.
FACILITY	CATEGORY	FINDINGS
TP011 - DISINFECTION WELL JANET DRIVE	Treatment	Fan not operating appropriately, Fan wired to run constantly. The chlorine room must be equipped with a working ventilating fan. **See Attachment #28**
FACILITY	CATEGORY	FINDINGS
TP006 - DISINFECTION WELL HWY 107	Treatment	The automatic switch-over mechanism for the chlorine gas cylinders is incomplete and nonfunctional, which presents the possibility of interrupted disinfection. The switchover mechanism must be properly installed to assure continuous disinfection. Please provide labeled photographic documentation of completed modifications.

FACILITY	CATEGORY	FINDINGS
TP007 - DISINFECTION WELL AT O'NEAL ST	Treatment	The automatic switch-over mechanism for the chlorine gas cylinders is incomplete and nonfunctional, which presents the possibility of interrupted disinfection. The switchover mechanism must be properly installed to assure continuous disinfection. Please provide labeled photographic documentation of completed modifications. **See Attachment #27**
FACILITY	CATEGORY	FINDINGS
TP008 - DISINFECTION WELL JEFFERSON HWY	Treatment	The automatic switch-over mechanism for the chlorine gas cylinders is incomplete and nonfunctional, which presents the possibility of interrupted disinfection. The switchover mechanism must be properly installed to assure continuous disinfection. Please provide labeled photographic documentation of completed modifications. **See Attachment #8**
FACILITY	CATEGORY	FINDINGS
TP012 - DISINFECTION. WL012. PAPER MILL RD	Treatment	The light is currently not operational, either the bulb is burned or there is an electrical issue. The chlorine room must be equipped with a working light.
FACILITY	CATEGORY	FINDINGS
1079016-001 - WELL AT LAKEVIEW	Source	At the time of the inspection, the pressure gauge on the well was not functioning properly. Water system needs to replace gauge with a functioning gauge.
FACILITY	CATEGORY	FINDINGS
1079016-011 - WELL AT JANET DRIVE	Source	At the time of the inspection, the well discharge piping is showing signs of rust, corrosion, and flaky painting. The well discharge piping must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.
FACILITY	CATEGORY	FINDINGS
1079016-001 - WELL AT LAKEVIEW	Source	At the time of the inspection, the well discharge piping is showing signs of rust, corrosion, and flaky painting. The well discharge piping must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.
FACILITY	CATEGORY	FINDINGS
1079016-012 - HWY 3128 WELL. WEST	Source	The well discharge piping is showing signs of rust, corrosion, and flaky painting. The well discharge piping must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.
FACILITY	CATEGORY	FINDINGS
1079016-008 - WELL AT JEFFERSON HWY	Source	The well discharge piping is showing signs of rust, corrosion, and flaky painting. The well discharge piping must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. **See Attachment #7**
FACILITY	CATEGORY	FINDINGS
1079016-013 - HWY 3128 WELL. EAST	Source	The well discharge piping is showing signs of rust, corrosion, and flaky painting. The well discharge piping must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	There was corrosion on pipes and leak on a pump at the Hwy 107 Treatment plant. System should clean and paint pipes to prevent further corrosion. System should also fix leaking pump.
FACILITY	CATEGORY	FINDINGS
TP011 - DISINFECTION WELL JANET DRIVE	Treatment	At the time of the survey, the Chlorine Cylinders were not stored out of direct sunlight. It is recommend chlorine cylinders be stored out of the elements to prevent exposure. Recommend cover be built over cylinders.
FACILITY	CATEGORY	FINDINGS
TP007 - DISINFECTION WELL AT O'NEAL ST	Treatment	At the time of the survey, the Chlorine Cylinders were not stored out of direct sunlight. It is recommend chlorine cylinders be stored out of the elements to prevent exposure. Recommend cover be built over cylinders.
FACILITY	CATEGORY	FINDINGS
TP004 - DISINFECTION WELL AT LIBUSE	Treatment	At the time of the survey, the Chlorine Cylinders were not stored out of direct sunlight. It is recommend chlorine cylinders be stored out of the elements to prevent exposure. Recommend cover be built over cylinders. **See Attachment #25**
FACILITY	CATEGORY	FINDINGS
TP008 - DISINFECTION WELL JEFFERSON HWY	Treatment	At the time of the survey, the Chlorine Cylinders were not stored out of direct sunlight. It is recommend chlorine cylinders be stored out of the elements to prevent exposure. Recommend cover be built over cylinders.
FACILITY	CATEGORY	FINDINGS
TP006 - DISINFECTION WELL HWY 107	Treatment	At the time of the survey, the Chlorine Cylinders were not stored out of direct sunlight. It is recommend chlorine cylinders be stored out of the elements to prevent exposure. Recommend cover be built over cylinders. **See Attachment #26**

FACILITY	CATEGORY	FINDINGS
TP001 - DISINFECTION WELL AT LAKEVIEW	Treatment	At the time of the survey, the Chlorine Cylinders were not store out of direct sunlight. It is recommend chlorine cylinders be stored out of the elements to prevent exposure. Recommend cover be built over cylinders. **See Attachment #1**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: James Monroe,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-484-2163.

Respectfully,



James Monroe,
Engineer Manager

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Recommendations

Facility ID: DISINFECTION WELL AT LAKEVIEW

Category: Treatment

Attachment Comments: Chlorine Cylinders at Lakeview Treatment Site



Attachment #2

Severity: Minor

Facility ID: GROUND AT LAKEVIEW

Category: Finished Water Storage

Attachment Comments: Screen Install on outside of Flapper



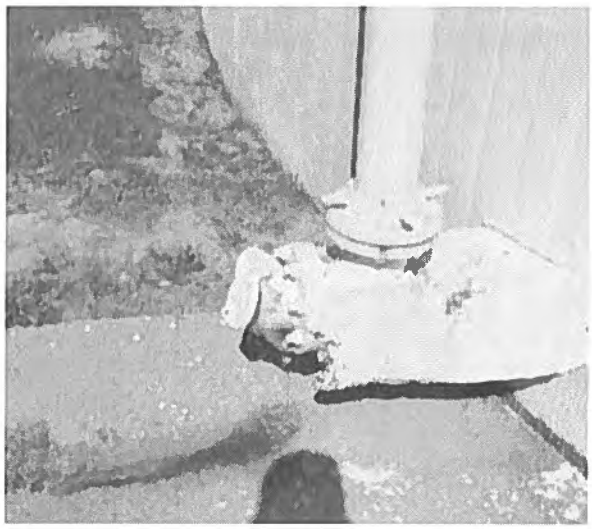
Attachment #4

Severity: Minor

Facility ID: GROUND AT SHAMROCK

Category: Finished Water Storage

Attachment Comments: Threaded Sample Tap



Attachment #5

Severity: Minor

Facility ID: GROUND AT RUBY

Category: Finished Water Storage

Attachment Comments: Mesh Screen inproperly installed



Attachment #7

Severity: Minor

Facility ID: WELL AT JEFFERSON HWY

Category: Source

Attachment Comments: Rust on Well piping



Attachment #8

Severity: Minor

Facility ID: DISINFECTION WELL JEFFERSON HWY

Category: Treatment

Attachment Comments: Improper Switch Over



Attachment #10

Severity: Minor

Facility ID: GROUND AT CAPPEL

Category: Finished Water Storage

Attachment Comments: Screen installed incorrectly



Attachment #11

Severity: Minor

Facility ID: GROUND AT CAPPEL

Category: Finished Water Storage

Attachment Comments: Vent not 24 inches

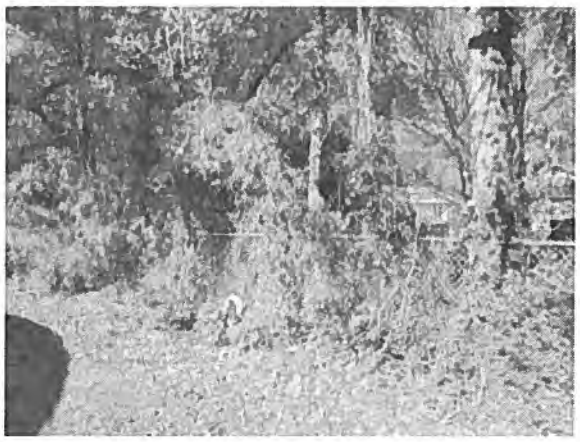


Attachment #12

Severity: Significant

Category: Security

Attachment Comments: Tress in fence at O'Neal St. GST and short Fence



Attachment #13

Severity: Significant

Category: Security

Attachment Comments: Vegetation in Fence at O'Neal St GST



Attachment #14

Severity: Significant

Category: Security

Attachment Comments: Trees Growing Thru Fence at Susek GST



Attachment #15

Severity: Significant

Category: Security

Attachment Comments: Gap in Fence at Cappel St GST



Attachment #16

Severity: Significant

Facility ID: WELL AT HWY 107

Category: Source

Attachment Comments: Leaking Packing Gland



Attachment #17

Severity: Significant

Facility ID: WELL AT HWY 107

Category: Source

Attachment Comments: Vent screen not 24 Mesh



Attachment #18

Severity: Significant

Facility ID: WELL AT ONEAL ST

Category: Source

Attachment Comments: Crack in well Slab



Attachment #19

Severity: Minor

Facility ID: ELEVATED AT EXPRESSWAY

Category: Finished Water Storage

Attachment Comments: Erosion by splash pad EST @ Expressway

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health



Attachment #20

Severity: Significant

Facility ID: HWY 3128 WELL. EAST

Category: Source

Attachment Comments: Crack in slab



Attachment #21

Severity: Significant

Facility ID: ELEVATED TANK ON HWY 28

Category: Finished Water Storage

Attachment Comments: Overflow not more than 2 feet above ground



Attachment #22

Severity: Significant

Facility ID: GROUND AT JANET

Category: Finished Water Storage

Attachment Comments: Screen Damaged and Improperly Installed. Discharge not 2 ft above ground.



Attachment #23

Severity: Significant

Facility ID: GROUND AT HWY 107

Category: Finished Water Storage

Attachment Comments: No Screen, Not Facing Downward, Not more than 2 Ft above ground



Attachment #24

Severity: Significant

Category: Security

Attachment Comments: Damage to Fence



Attachment #25

Severity: Recommendations

Facility ID: DISINFECTION WELL AT LIBUSE

Category: Treatment

Attachment Comments: Cylinders stored in direct Sunlight



Attachment #26

Severity: Recommendations

Facility ID: DISINFECTION WELL HWY 107

Category: Treatment

Attachment Comments: Cylinders stored in direct sunlight



Attachment #27

Severity: Minor

Facility ID: DISINFECTION WELL AT O'NEAL ST

Category: Treatment

Attachment Comments: Cylinders stored in direct sunlight



Attachment #28

Severity: Minor

Facility ID: DISINFECTION WELL JANET DRIVE

Category: Treatment

Attachment Comments: Cylinders Stored in direct Sunlight





Attachment #29

Severity: Significant

Facility ID: GROUND AT O'NEAL

Category: Finished Water Storage

Attachment Comments: Not more than 2 Ft above ground

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 2710 0000 4927 6903

December 13, 2019

Jimmy French
RAPIDES PARISH WATERWORKS DISTRICT 3
PO Box 580
Tioga, LA 71477

Re: Class I Sanitary Survey
RAPIDES PARISH WATERWORKS DISTRICT 3 Public Water System
PWS ID LA1079017
RAPIDES Parish

Dear Mr. French:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 21, 2019 sanitary survey inspection of the public water supply system for RAPIDES PARISH WATERWORKS DISTRICT 3 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
William Charlot	LDH-OPH Engineering Services
Hannah Beatty	LDH-OPH Engineering Services
Tyler Lollis	LDH-OPH Engineering Region 8
James Monroe	LDH-OPH Engineering Services
Andrea Payton	LDH-OPH Engineering Services
Autumn Permenter	LDH-OPH Engineering District 4
James Soileau III	LDH-OPH Region 7
Jamie Timberlake	Rapides Waterworks District 3
Michael Ward	Rapides Parish Waterworks D3

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant

deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	A continuous fence, capable of being locked, must be constructed to prevent trespassing, vandalism, and sabotage of the water system facilities. Please submit labeled photographic documentation of completed repairs. **See Attachment 1.** 1079017-005 INTAKE AT BIG CREEK: The protective fencing surrounding the well and pressure tanks was compromised due to a tree branch falling on it and is need or repair. 1079017-009, WELL 9: There is some vegetation around the well that should be addressed. ALPINE SITE: There are trees and vegetation growing into and around the fence line. GROUND ALPINE: There are trees and vegetation growing into and around the fence line and near the water storages. GR004 EL002 ELEVATED AT ALPINE: There are trees and vegetation growing into and around the fence line, and gap at the ground fence line. EL001, ELEVATED AT KINGSVILLE: There are gaps at the fence line. TP005, SURFACE WATER TREATMENT PLANT: There is a gap of the fence near the overflow.
FACILITY	CATEGORY	FINDINGS
GR004 - GROUND ALPINE	Finished Water Storage	GR004, GROUND ALPINE: The overflow pipe is not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen and installed to provide protection at all times.
FACILITY	CATEGORY	FINDINGS
GR005 - GROUND INDUSTRIAL PARK	Finished Water Storage	GR005, GROUND INDUSTRIAL PARK: The overflow pipe is not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen and installed to provide protection at all times. **See Attachment 2.**
FACILITY	CATEGORY	FINDINGS
1079017-002 - WELL 4 R 1224	Source	1079017-004, WELL 4 R1224: The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and down tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment 3.**

FACILITY	CATEGORY	FINDINGS
1079017-004 - WELL 5 R 1299	Source	1079017-004, WELL 5 R1299: There is evidence of erosion at the well site. The area around the well must be well drained and facilitate the rapid removal of water within a 50' radius of the well. **See Attachment 4.**
FACILITY	CATEGORY	FINDINGS
1079017-006 - WELL 2 R 1039	Source	1079017-006, WELL 2 R1039: There is evidence of erosion at the well site. The area around the well must be well drained and facilitate the rapid removal of water within a 50' radius of the well.
FACILITY	CATEGORY	FINDINGS
1079017-007 - WELL 7 R 1473	Source	1079017-007, WELL 7 R1473: The current casing seal has void spaces that provide for the possible entrance of foreign substances that could lead to bacteriological contamination. Eliminate the voids in the casing seal to prevent bacteriological contamination. The area around the well must be well drained and facilitate the rapid removal of water within a 50' radius of the well. **See Attachment 5.**
FACILITY	CATEGORY	FINDINGS
1079017-008 - WELL 8	Source	1079017-008, WELL 8: This well has not been plugged and abandoned. The electrical wiring for the submersible pump is cut. It was mentioned during the sanitary survey that this well is to be used as an emergency well. This well must be plugged and abandoned properly in accordance with all applicable standards, rules and regulations for the State of Louisiana. The treatment chemicals should be removed from the site. **See Attachment 6.**

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL002 - ELEVATED AT ALPINE	Finished Water Storage	EL002, ELEVATIED AT ALPINE: The elevated tower is not equipped with a smooth-nosed sampling tap. The elevated tower must be equipped with a smooth-nosed sampling tap to facilitate bacteriological and chemical analyses, when needed. The pressure gauge was broken.
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND BEAUREGARD	Finished Water Storage	GR003, GROUND BEAUREGARD: The ground storage tank is not equipped with a smooth-nosed sampling tap. The ground storage tank must be equipped with a smooth-nosed sampling tap to facilitate bacteriological and chemical analyses, when needed.
FACILITY	CATEGORY	FINDINGS
GR004 - GROUND ALPINE	Finished Water Storage	GR004, GROUND ALPINE: The ground storage tank is not equipped with a smooth-nosed sampling tap. The ground storage tank must be equipped with a smooth-nosed sampling tap to facilitate bacteriological and chemical analyses, when needed.

FACILITY	CATEGORY	FINDINGS
GR005 - GROUND INDUSTRIAL PARK	Finished Water Storage	GR005, GROUND INDUSTRIAL PARK: All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. The discharge must discharge over a splash plate or drainage inlet structure to prevent erosion around the foundation of the storage that could comprise the structural integrity of the storage. **See Attachment 7.**
FACILITY	CATEGORY	FINDINGS
TP002 - DISINFECTION WELL 4 R 1224	Treatment	TP002, DISINFECTION WELL 4 R 1224: The injector and the chemical pumps should be secured to prevent equipment failure and ensure proper operation. **See Attachment 8.**
FACILITY	CATEGORY	FINDINGS
TP002 - DISINFECTION WELL 4 R 1224	Treatment	TP002, DISINFECTION WELL 4 R 1224: There is no secondary containment provided for the liquid chemical being used for water treatment. Secondary containment prevents spillage or accidental drainage of chemicals due to equipment and primary containment failure. **See Attachment 9.**
FACILITY	CATEGORY	FINDINGS
TP002 - DISINFECTION WELL 4 R 1224	Treatment	TP002, DISINFECTION WELL 4 R 1224: Where chlorine gas is used, the room shall be constructed to provide the following: each room shall have a ventilating fan with capacity which provides one complete air change per minute when the room is occupied.
FACILITY	CATEGORY	FINDINGS
TP004 - DISINFECTION WELL 5 R 1299	Treatment	TP004, DISINFECTION WELL 5 R 1299: The chemical feed tank is not labeled. The chemical feed tank must be labeled. Label the chemical feed tank with the name of the chemical being injected for treatment.
FACILITY	CATEGORY	FINDINGS
TP005 - SURFACE WATER TREATMENT PLANT	Treatment	TP005, SURFACE WATER TREATMENT PLANT: There is no secondary containment provided for the liquid chemical being used for water treatment. Secondary containment prevents spillage or accidental drainage of chemicals due to equipment and primary containment failure. **See Attachment 10.**
FACILITY	CATEGORY	FINDINGS
TP007 - DISINFECTION WELL 7 R1473	Treatment	TP007, DISINFECTION WELL 7 R1473: The pumps for the chemical application of the ammonia sulfate and polymer are below the level line of the chemical within the feed tanks. The pumps must be placed in a position of positive pressure above the highest possible chemical level line of the feed tanks. **See Attachment 11.**
FACILITY	CATEGORY	FINDINGS
TP007 - DISINFECTION WELL 7 R1473	Treatment	TP007, DISINFECTION WELL 7 R1473: There is no secondary containment provided for the liquid chemical being used for water treatment. Secondary containment prevents spillage or accidental drainage of chemicals due to equipment and primary containment failure. **See Attachment 12.**

FACILITY	CATEGORY	FINDINGS
1079017-004 - WELL 5 R 1299	Source	1079017-004, WELL 5 R1299: The well's casing vent and air release vacuum are not covered by a 24 mesh corrosion resistant screen. The well's casing vent and air release must be covered by a 24 mesh corrosion resistant screen. **See Attachment 13.**
FACILITY	CATEGORY	FINDINGS
1079017-006 - WELL 2 R 1039	Source	1079017-006, WELL 2 R1039: The wells pressure gauge is broken. The wells discharge piping must be equipped with a working pressure gauge.
FACILITY	CATEGORY	FINDINGS
1079017-007 - WELL 7 R 1473	Source	1079017-007, WELL 7 R1473: The well's casing vent is not covered by a 24 mesh corrosion resistant screen. The well's casing vent must be covered by a 24 mesh corrosion resistant screen. The well's pressure gauge is broken. The well's discharge piping must be equipped with a working pressure gauge. **See Attachment 14.**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	DISTRIBUTION SYSTEM: It's recommended that the water pipes are to be cleaned and treated to prevent further corrosion. **See Attachment 15.**1079017-004. WELL 5 R1299: The casing and piping appear to need maintenance. See Attachment. 1079017-009. WELL 9: The casing and piping appear to need maintenance. TP005, SURFACE WATER TREATMENT PLANT: The treated water and backwash piping are showing flaking paint and signs of rust and corrosion. This corrosion can result in leaks if not treated. TP007, DISINFECTION WELL 7 R1473: The treated water piping are showing flaking paint and signs of rust and corrosion. This corrosion can result in leaks if not treated. GR004 GROUND ALPINE: showing flaking paint and signs of rust and corrosion. This corrosion can result in leaks if not treated.

FACILITY	CATEGORY	FINDINGS
TP002 - DISINFECTION WELL 4 R 1224	Treatment	TP002, DISINFECTION WELL 4 R 1224: Chlorine cylinders were restrained with a single chain. It is recommended to chain each cylinder individually to prevent upset. **See Attachment 16.**
FACILITY	CATEGORY	FINDINGS
TP004 - DISINFECTION WELL 5 R 1299	Treatment	TP004, DISINFECTION WELL 5 R 1299: The chlorine and ammonia are stored in the same room. Chemical feed equipment should be located in a separate room where required to reduce hazards and dust problems, and should be conveniently located near points of application to minimize length of feed lines.
FACILITY	CATEGORY	FINDINGS
TP005 - SURFACE WATER TREATMENT PLANT	Treatment	TP005, SURFACE WATER TREATMENT PLANT: To facilitate identification of piping (specifically the finished water and backwash piping), it is recommended that pipes are color coded with the name of the liquid, and in some cases, it may be advantageous to provide arrows indicating the direction of flow. **See Attachment 17.**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: William Charlot,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me:

Respectfully,

William Charlot

William Charlot
Engineer Intern II Region 6
LDH-OPH Engineering Services
William.Charlot@la.gov
C: (318)541-3095
O: (318)484-2388
F: (318)487-5338

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Security

Attachment Comments: A continuous fence, capable of being locked, must be constructed to prevent trespassing, vandalism, and sabotage of the water system facilities. Please submit labeled photographic documentation of completed repairs. See Attachment 1. 1079017-005 INTAKE AT BIG CREEK: The protective fencing surrounding the well and pressure tanks was compromised due to a tree branch falling on it and is need or repair. 1079017-009, WELL 9: There is some vegetation around the well that should be addressed. ALPINE SITE: There are trees and vegetation growing into and around the fence line. GROUND ALPINE: There are trees and vegetation growing into and around the fence line and near the water storages. GR004 EL002 ELEVATED AT ALPINE: There are trees and vegetation growing into and around the fence line, and gap at the ground fence line. EL001, ELEVATED AT KINGSVILLE: There are gaps at the fence line. TP005, SURFACE WATER TREATMENT PLANT: There is a gap of the fence near the overflow.

Attachment 1
1079017-005 INTAKE AT BIG CREEK









Attachment 1 (cont.'d)

1079017-009, WELL 9



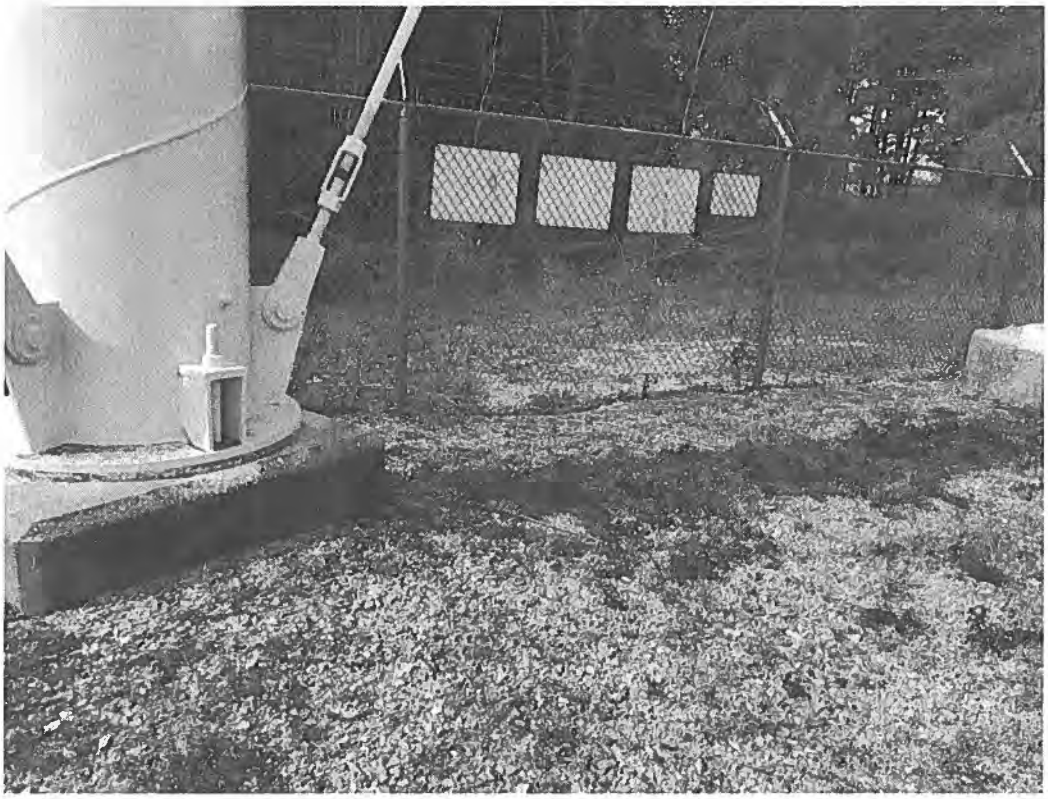
ALPINE SITE





Attachment 1 (cont.'d)

EL001, ELEVATED AT KINGSVILLE



TP005, SURFACE WATER TREATMENT PLANT



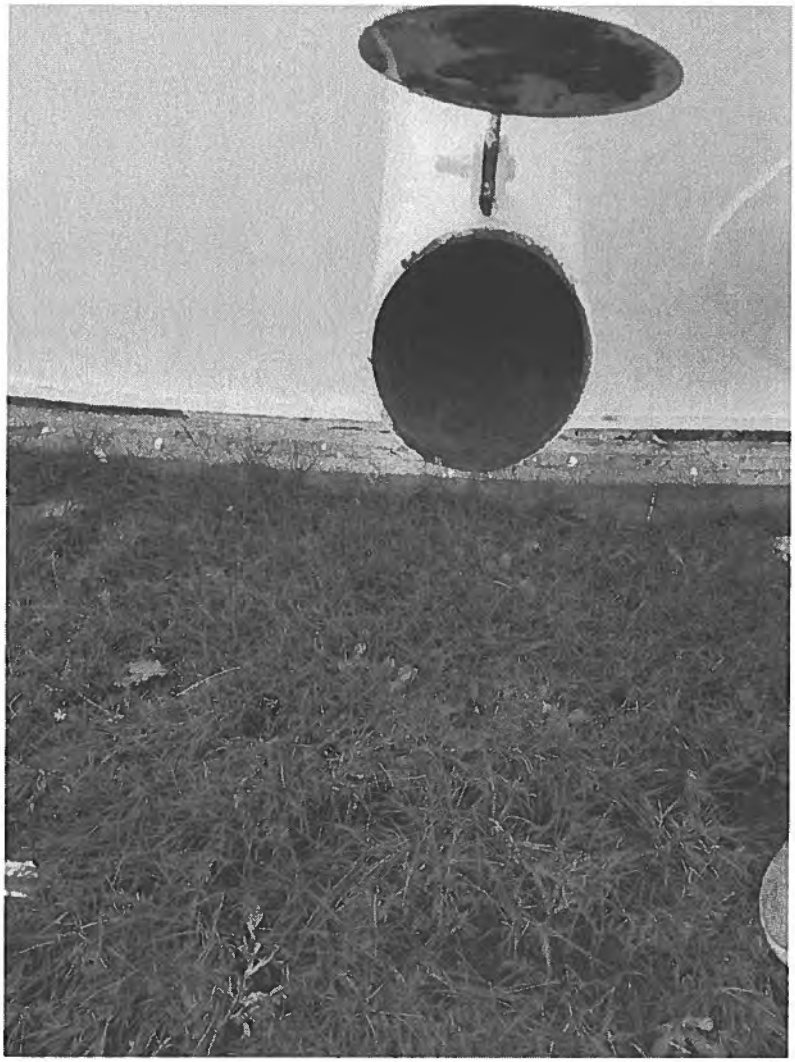
Severity: Significant

Facility ID: GR005, GROUND INDUSTRIAL PARK

Category: Finished Water Storage

Attachment Comments: GR005, GROUND INDUSTRIAL PARK: The overflow pipe is not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen and installed to provide protection at all times.

Attachment 2



Severity: Significant

Facility ID: 1079017-004, WELL 4 R1224

Category: Source

Attachment Comments: 1079017-004, WELL 4 R1224: The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and down tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping.

Attachment 3



Severity: Significant

Facility ID: 1079017-004, WELL 5 R1299

Category: Source

Attachment Comments: 1079017-004, WELL 5 R1299: There is evidence of erosion at the well site. The area around the well must be well drained and facilitate the rapid removal of water within a 50' radius of the well.

Attachment 4



Severity: Significant

Facility ID: 1079017-007, WELL 7 R1473

Category: Source

Attachment Comments: 1079017-007, WELL 7 R1473: The current casing seal has void spaces that provide for the possible entrance of foreign substances that could lead to bacteriological contamination. Eliminate the voids in the casing seal to prevent bacteriological contamination. The area around the well must be well drained and facilitate the rapid removal of water within a 50' radius of the well.

Attachment 5



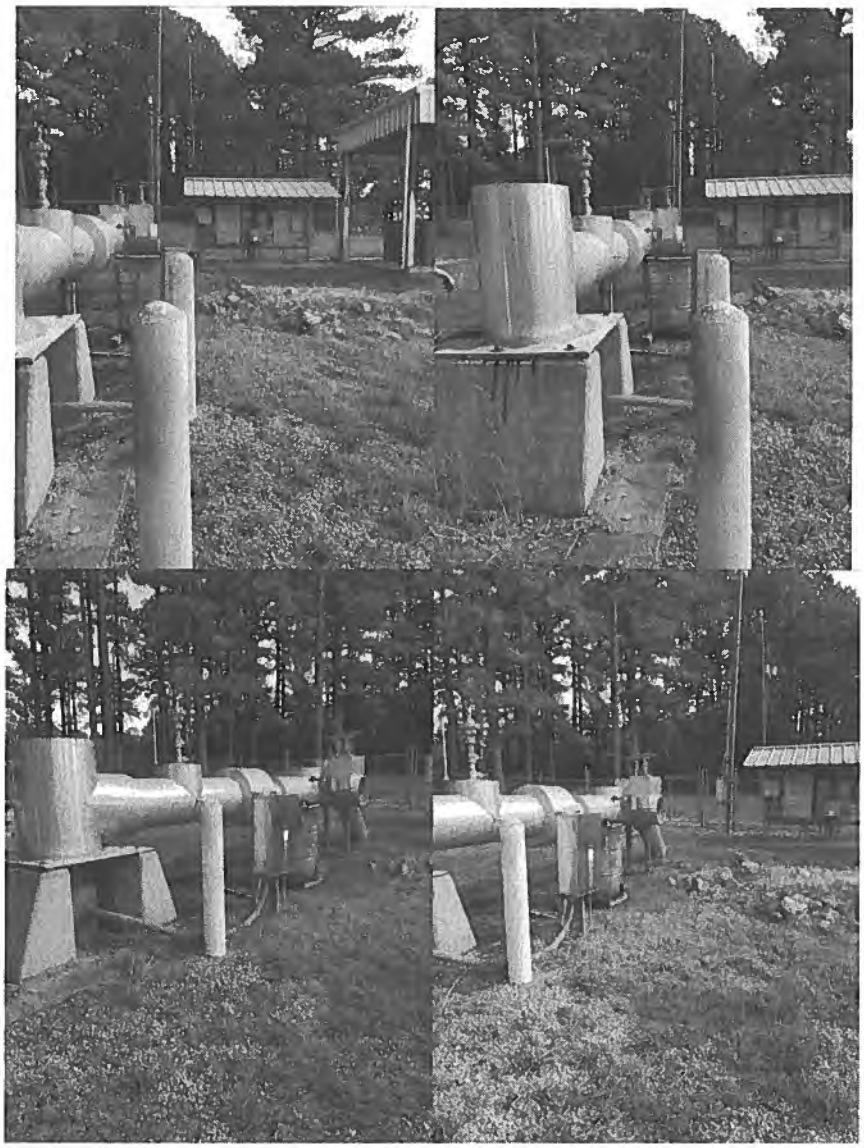
Severity: Significant

Facility ID: 1079017-008, WELL 8

Category: Source

Attachment Comments: 1079017-008, WELL 8: This well has not been plugged and abandoned. The electrical wiring for the submersible pump is cut. It was mentioned during the sanitary survey that this well is to be used as an emergency well. This well must be plugged and abandoned properly in accordance with all applicable standards, rules and regulations for the State of Louisiana. The treatment chemicals should be removed from the site.

Attachment 6



Severity: Minor

Facility ID: GR005, GROUND INDUSTRIAL PARK

Category: Finished Water Storage

Attachment Comments: GR005, GROUND INDUSTRIAL PARK: All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. The discharge must discharge over a splash plate or drainage inlet structure to prevent erosion around the foundation of the storage that could comprise the structural integrity of the storage.

Attachment 7



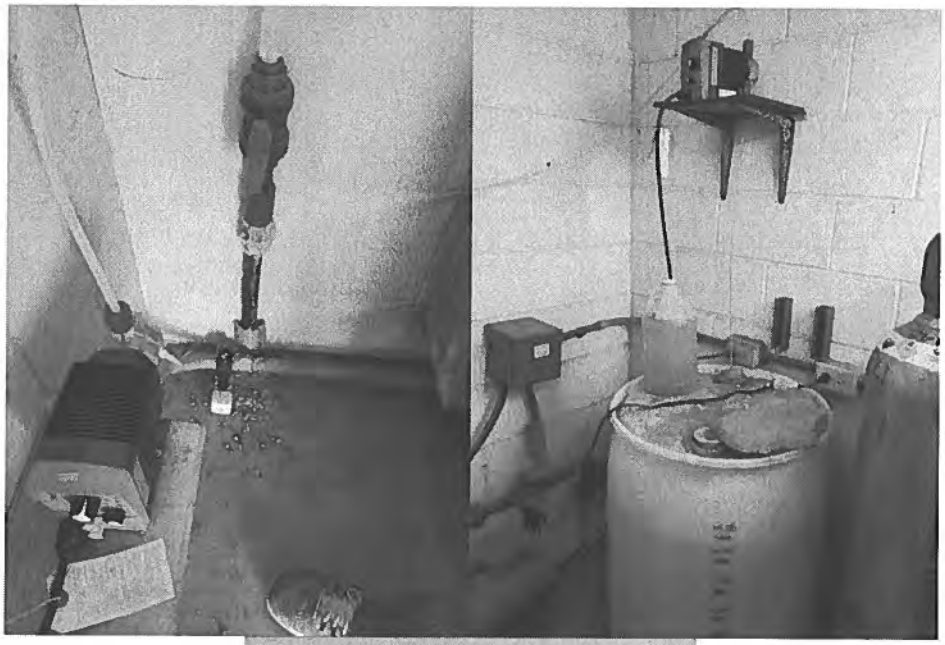
Severity: Minor

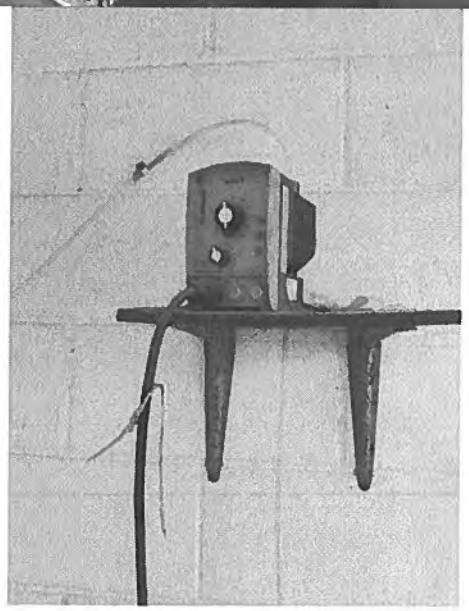
Facility ID: TP002 - DISINFECTION WELL 4 R 1224

Category: Treatment

Attachment Comments: TP002, DISINFECTION WELL 4 R 1224: The injector and the chemical pumps should be secured to prevent equipment failure and ensure proper operation.

Attachment 8





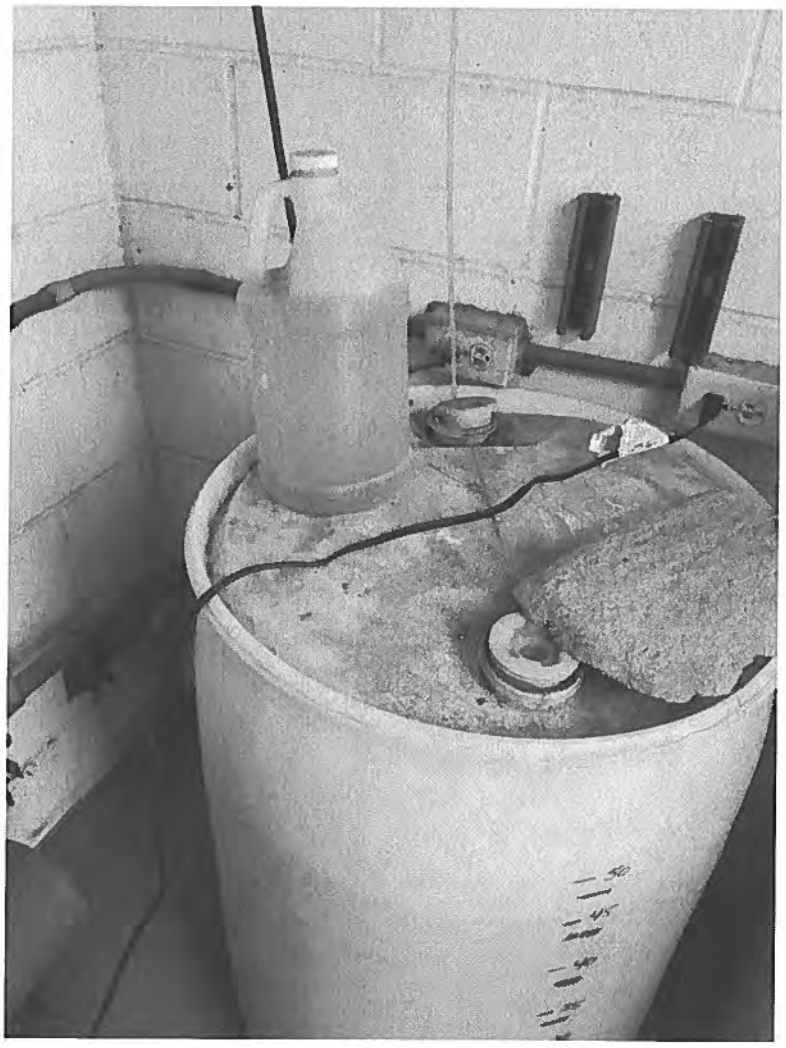
Severity: Minor

Facility ID: TP002 - DISINFECTION WELL 4 R 1224

Category: Treatment

Attachment Comments: TP002, DISINFECTION WELL 4 R 1224: There is no secondary containment provided for the liquid chemical being used for water treatment. Secondary containment prevents spillage or accidental drainage of chemicals due to equipment and primary containment failure.

Attachment 9



Severity: Minor

Facility ID: TP005, SURFACE WATER TREATMENT PLANT

Category: Treatment

Attachment Comments: TP005, SURFACE WATER TREATMENT PLANT: There is no secondary containment provided for the liquid chemical being used for water treatment. Secondary containment prevents spillage or accidental drainage of chemicals due to equipment and primary containment failure.

Attachment 10









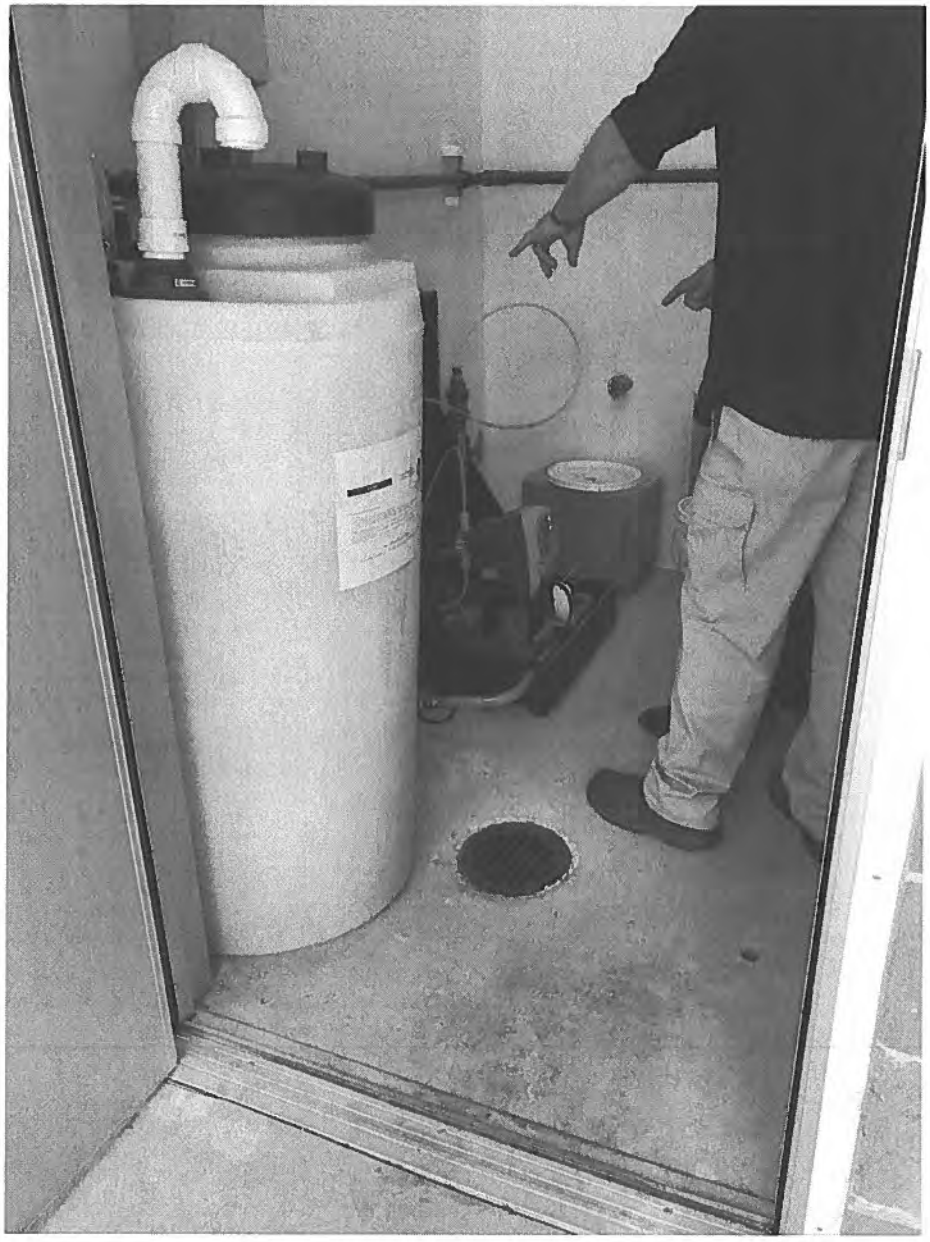
Severity: Minor

Facility ID: TP007 - DISINFECTION WELL 7 R1473

Category: Treatment

Attachment Comments: TP007, DISINFECTION WELL 7 R1473: The pumps for the chemical application of the ammonia sulfate and polymer are below the level line of the chemical within the feed tanks. The pumps must be placed in a position of positive pressure above the highest possible chemical level line of the feed tanks.

Attachment 11



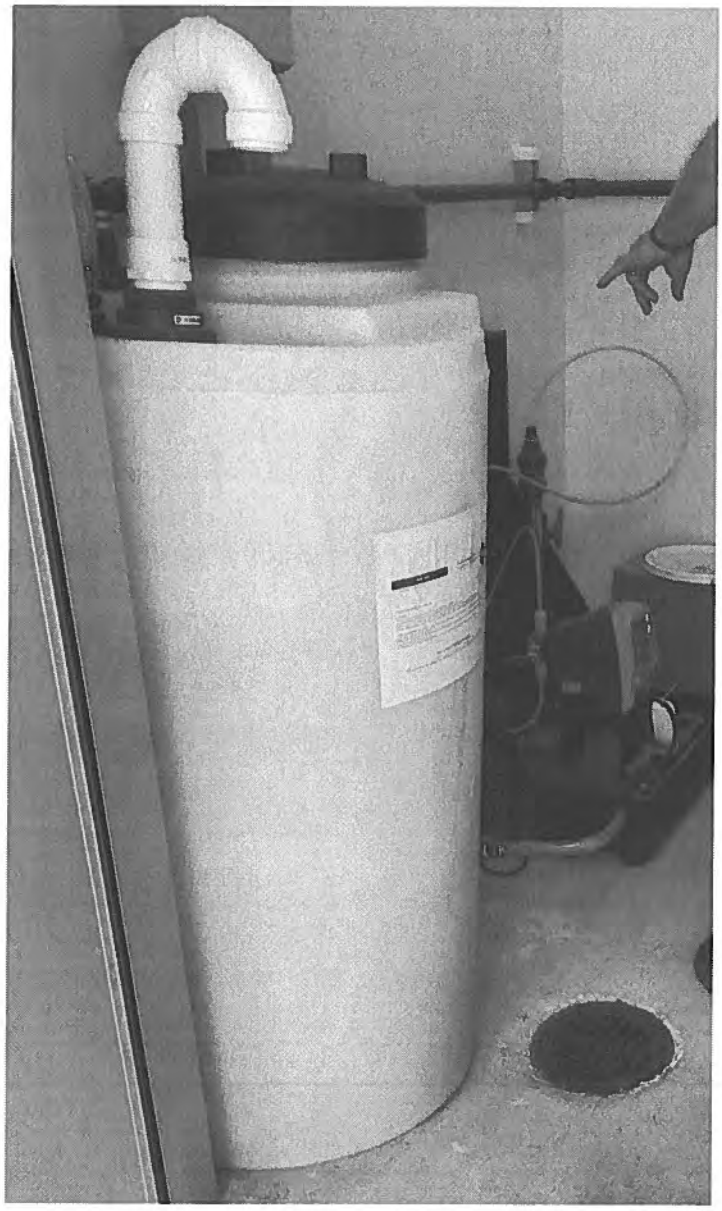
Severity: Minor

Facility ID: TP007 - DISINFECTION WELL 7 R1473

Category: Treatment

Attachment Comments: TP007, DISINFECTION WELL 7 R1473: There is no secondary containment provided for the liquid chemical being used for water treatment. Secondary containment prevents spillage or accidental drainage of chemicals due to equipment and primary containment failure.

Attachment 12



Severity: Minor

Facility ID: 1079017-004, WELL 5 R1299

Category: Source

Attachment Comments: 1079017-004, WELL 5 R1299: The well's casing vent and air release vacuum are not covered by a 24 mesh corrosion resistant screen. The well's casing vent and air release must be covered by a 24 mesh corrosion resistant screen.

Attachment 13



Severity: Minor

Facility ID: 1079017-007, WELL 7 R1473

Category: Source

Attachment Comments: 1079017-007, WELL 7 R1473: The well's casing vent is not covered by a 24 mesh corrosion resistant screen. The well's casing vent must be covered by a 24 mesh corrosion resistant screen. The well's pressure gauge is broken. The well's discharge piping must be equipped with a working pressure gauge.

Attachment 14



Severity: Recommendations

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: DISTRIBUTION SYSTEM: It's recommended that the water pipes are to be cleaned and treated to prevent further corrosion: 1079017-004. WELL 5 R1299: The casing and piping appear to need maintenance. See Attachment. 1079017-009. WELL 9: The casing and piping appear to need maintenance. TP005, SURFACE WATER TREATMENT PLANT: The treated water and backwash piping are showing flaking paint and signs of rust and corrosion. This corrosion can result in leaks if not treated. TP007, DISINFECTION WELL 7 R1473: The treated water piping are showing flaking paint and signs of rust and corrosion. This corrosion can result in leaks if not treated. GR004 GROUND ALPINE: showing flaking paint and signs of rust and corrosion. This corrosion can result in leaks if not treated.

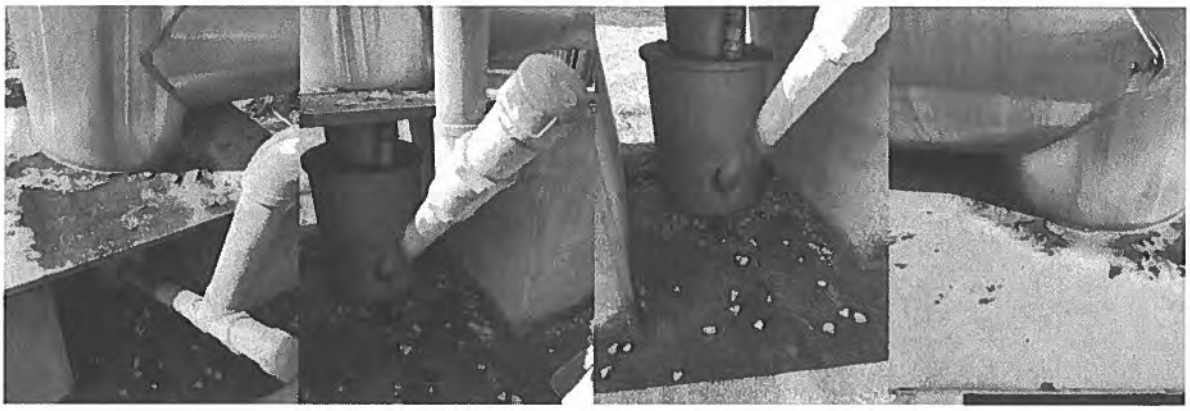
Attachment 15

1079017-004. WELL 5 R1299



Attachment 15 (cont.'d)

1079017-009. WELL 9



TP005, SURFACE WATER TREATMENT PLANT

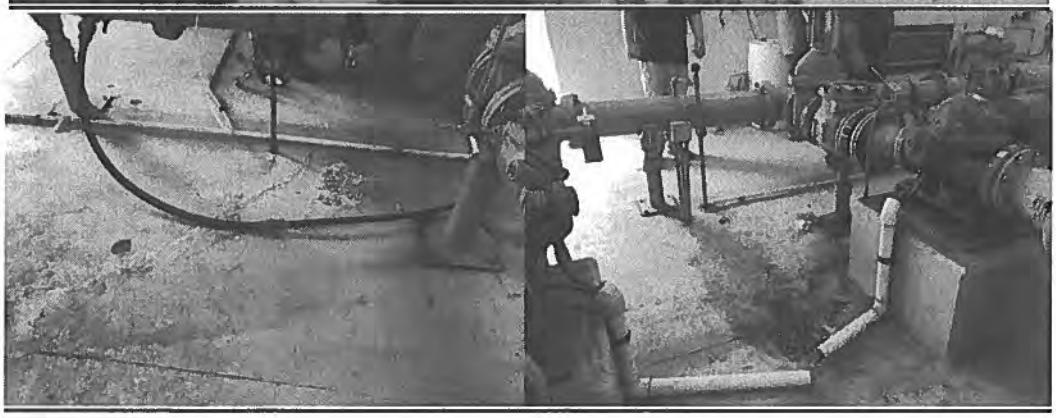


Attachment 15 (cont.'d)

TP007, DISINFECTION WELL 7 R1473

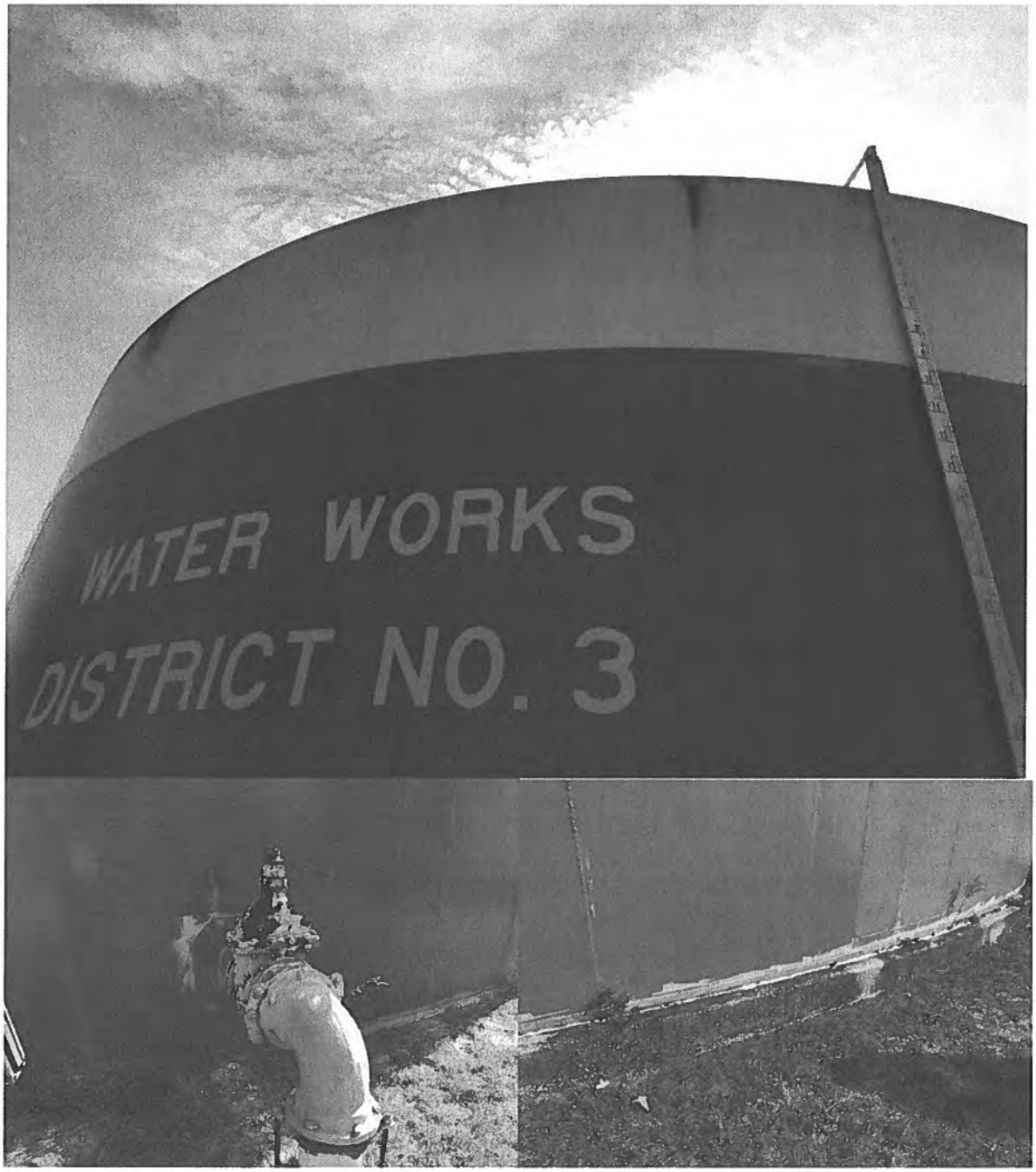






Attachment 15 (cont.'d)

GR004 GROUND ALPINE



Severity: Recommendations

Facility ID: TP002 - DISINFECTION WELL 4 R 1224

Category: Treatment

Attachment Comments: TP002, DISINFECTION WELL 4 R 1224: Chlorine cylinders were restrained with a single chain. It is recommended to chain each cylinder individually to prevent upset.

Attachment 16



Severity: Recommendations

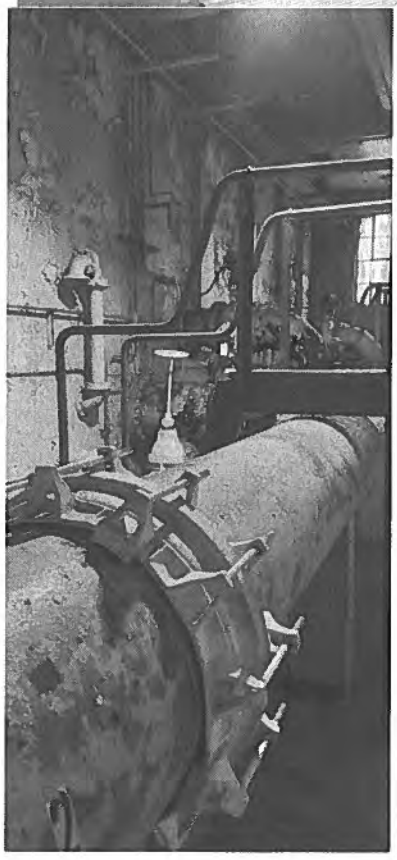
Facility ID: TP002 - DISINFECTION WELL 4 R 1224

Category: Treatment

Attachment Comments: TP002, DISINFECTION WELL 4 R 1224: Chlorine cylinders were restrained with a single chain. It is recommended to chain each cylinder individually to prevent upset.

Attachment 17







John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL:7016 2710 0000 4927 6064

February 26, 2019

Gregory Bennett
LENA WATER SYSTEM INC
9 Old Hwy 1
Lena, LA 71447

Re: Class I Sanitary Survey
LENA WATER SYSTEM INC Public Water System
PWS ID LA1079019
RAPIDES Parish

Dear Mr. Bennett:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 14, 2019 sanitary survey inspection of the public water supply system for LENA WATER SYSTEM INC (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
James Monroe	LDH OPH Engineering Services
William Charlot	LDH OPH Engineering Services
Janice Long	Lena Water System
Stephen Woods	Lena Water System Inc.

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/08/2016	06/21/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	HD004-HYDROPNEUMATIC WELL 6 FLATWOODS
Comments: At the time of the inspection, the pressure tank was showing minor pitting. All tanks should be on a five year schedule for cleaning, inspection, repair, and if needed painting.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/08/2016	06/21/2016	Sanitary Survey, Finished	Minor	Source	1079019-003-WELL 3 SHARP
Comments: At the time of the inspection, the discharge pipe showed signs of corrosion. The pipe should be cleaned, inspected, repaired, and painted to protect from further damage of the metal.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/08/2016	06/21/2016	Sanitary Survey, Finished	Minor	Source	1079019-006-WELL 6 HWY 8 FLATWOODS
Comments: At the time of the inspection, the discharge pipe showed signs of corrosion. The pipe should be cleaned, inspected, repaired, and painted to protect from further damage of the metal.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	At the Flatwoods Hydro pneumatic Facility, there was a leak on the POE Tap on the bottom of the tank hydro tank. Repair/replace POE Tap with approved sample tap
FACILITY	CATEGORY	FINDINGS
Management	Other	For the Hydro pneumatic System in Flatwoods, there was corrosion on the Hydro Tank at the time of the Survey. There was no documentation that the tank had been inspected since it had been installed nor the Safety Valves on the system had been inspected per ASME Code.
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND LENA	Finished Water Storage	Overflow is discharged at "ground level" and not facing downward. All water storage structures shall be provided with an overflow, which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. **See Attachment #11**

FACILITY	CATEGORY	FINDINGS
GR002 - GROUND MORA	Finished Water Storage	Overflow is discharged at "ground level" and not facing downward. All water storage structures shall be provided with an overflow, which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. **See Attachment #10**
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND SHARP	Finished Water Storage	Overflow is discharged at "ground level" and not facing downward. All water storage structures shall be provided with an overflow, which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. **See Attachment #9**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Daily Chlorine Residual records not on approved state forms. Residual must be recorded on signed and dated "LDH Approved Chlorine Residual Forms" which can be found at http://ldh.la.gov/index.cfm/page/1725. Water system will begin recording the daily chlorine residuals on the approved form.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The water system did not have the validation standards to properly validate the bench top colorimeter. A low and high range set of standards should be obtained.
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND MORA	Finished Water Storage	At the time of the inspection, the piping around the ground storage tank showed signs of corrosion. The pipe should be cleaned, inspected, repaired, and painted to protected form further damage of the metal. **See Attachment #10**
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND LENA	Finished Water Storage	At the time of the inspection, the piping around the ground storage tank showed signs of corrosion. The pipe should be cleaned, inspected, repaired, and painted to protected form further damage of the metal.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND SHARP	Finished Water Storage	Storage Tank overflow not open downward. There was no 24-mesh screen on overflow discharge. Overflow Discharge shall open downward and be screened with twenty-four mesh non-corrodible screen. **See Attachment #9**
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND MORA	Finished Water Storage	Storage Tank overflow not open downward. There was no 24-mesh screen on overflow discharge, and flapper was corroded enough to break off when opened. Overflow Discharge shall open downward and be screened with twenty-four mesh non-corrodible screen. **See Attachment #10**
FACILITY	CATEGORY	FINDINGS

GR003 - GROUND LENA	Finished Water Storage	Storage Tank overflow not open downward. Overflow Discharge shall open downward and be screened with twenty-four mesh non-corrodible screen. **See Attachment #11**
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND MORA	Finished Water Storage	The sample tap provided is not a suitable tap, and not in an approve location. The water system must provide a suitable sample tap in an appropriate location.
FACILITY	CATEGORY	FINDINGS
TP007 - ORTHOPHOSPHATE WELL 4 AND 5	Treatment	At the time of the inspection, the Treatment Chemical container did not have a spill containment system. Liquid storage tanks shall be located and secondary containment provided so that chemicals from equipment failure, spillage or accidental drainage shall not enter the water in conduits, treatment or storage basins.
FACILITY	CATEGORY	FINDINGS
TP006 - ORTHOPHOSPHATE WELL 1 AND 2	Treatment	At the time of the inspection, the Treatment Chemical container did not have a spill containment system. Liquid storage tanks shall be located and secondary containment provided so that chemicals from equipment failure, spillage or accidental drainage shall not enter the water in conduits, treatment or storage basins. **See Attachment #14**
FACILITY	CATEGORY	FINDINGS
TP008 - ORTHOPHOSPHATE WELL 3	Treatment	At the time of the inspection, the Treatment Chemical container did not have a spill containment system. Liquid storage tanks shall be located and secondary containment provided so that chemicals from equipment failure, spillage or accidental drainage shall not enter the water in conduits, treatment or storage basins. **See Attachment #15**
FACILITY	CATEGORY	FINDINGS
TP001 - DISINFECTION WELL 1 AND 2	Treatment	Ventilation Fan inoperable at the time of the inspection. Adequate Ventilation shall be provided. **See Attachment #17**
FACILITY	CATEGORY	FINDINGS
1079019-002 - WELL 2 LENA	Source	At the time of the inspection, the discharge pipe showed signs of corrosion. The pipe should be cleaned, inspected, repaired, and painted to protect from further damage of the metal. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1079019-003 - WELL 3 SHARP	Source	At the time of the inspection, the discharge pipe showed signs of corrosion. The pipe should be cleaned, inspected, repaired, and painted to protect from further damage of the metal. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1079019-005 - WELL 5 MORA SOUTH	Source	At the time of the inspection, the discharge pipe showed signs of corrosion. The pipe should be cleaned, inspected, repaired, and painted to protect from further damage of the metal.
FACILITY	CATEGORY	FINDINGS
1079019-006 - WELL 6 HWY 8 FLATWOODS	Source	At the time of the inspection, the discharge pipe showed signs of corrosion. The pipe should be cleaned, inspected, repaired, and painted to protect from further damage of the metal. **See Attachment #4**

FACILITY	CATEGORY	FINDINGS
1079019-001 - WELL 1 LENA	Source	At the time of the inspection, the discharge pipe showed signs of corrosion. The pipe should be cleaned, inspected, repaired, and painted to protect from further damage of the metal. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1079019-003 - WELL 3 SHARP	Source	Piping around valves lacking insulation. Water system needs to repair insulation around valve.
FACILITY	CATEGORY	FINDINGS
1079019-001 - WELL 1 LENA	Source	Piping around valves lacking insulation. Water system needs to repair insulation around valve. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1079019-002 - WELL 2 LENA	Source	Piping around valves lacking insulation. Water system needs to repair insulation around valve. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1079019-005 - WELL 5 MORA SOUTH	Source	Pressure gauge on well inoperable. Replace pressure gauge. **See Attachment #13**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
CH001 - GWR SITE FOR LENA WELLS	Treatment	At the time of inspection, POE Sample Taps were not in approved location. Sample Taps should be a representative of water delivered to customer. A single tap should be in main distribution line, after shutoff valves and before the first customer. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
CH002 - GWR SAMPLE SITE FOR SHARP WELL	Treatment	At the time of inspection, POE Sample Taps were not in approved location. Sample Taps should be a representative of water delivered to customer. A single tap should be in main distribution line, after shutoff valves and before the first customer. **See Attachment #6**

FACILITY	CATEGORY	FINDINGS
CH004 - GWR SAMPLE SITE FOR FLATWOODS WELL	Treatment	At the time of inspection, POE Sample Taps were not in approved location. Sample Taps should be a representative of water delivered to customer. A single tap should be in main distribution line, after shutoff valves and before the first customer. **See Attachment #8**
FACILITY	CATEGORY	FINDINGS
CH003 - GWR SAMPLE SITE FOR MORA WELLS	Treatment	POE Sample Tap has a threaded nose. Replace with approved sample tap. **See Attachment #7**
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND LENA	Finished Water Storage	Ladder appears to be in dis-repair and in need of maintenance. Replace or repair ladder as necessary.
FACILITY	CATEGORY	FINDINGS
TP001 - DISINFECTION WELL 1 AND 2	Treatment	It is recommended to have scales for weighing chlorine bottles. **See Attachment #17**
FACILITY	CATEGORY	FINDINGS
TP003 - DISINFECTION WELL 3 SHARP	Treatment	It is recommended to have scales for weighing chlorine bottles.
FACILITY	CATEGORY	FINDINGS
TP009 - DISINFECTION WELL 6	Treatment	It is recommended to have scales for weighing chlorine bottles.
FACILITY	CATEGORY	FINDINGS
TP004 - DISINFECTION WELL 4 AND 5 MORA	Treatment	It is recommended to have scales for weighing chlorine bottles.
FACILITY	CATEGORY	FINDINGS
TP009 - DISINFECTION WELL 6	Treatment	Pressure gauge in Chlorination booster area not in operational condition. Water system must repair/replace inoperable pressure gauge. **See Attachment #16**
FACILITY	CATEGORY	FINDINGS
TP001 - DISINFECTION WELL 1 AND 2	Treatment	There was no temperature control device in the chlorination shed. Chlorinator rooms should be heated to 60F, and be protected from excessive heat. Cylinders and gas lines should be protected from temperatures above that of the feed equipment.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: James Monroe,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-484-2163.

Respectfully,

James Monroe,
Engineer Manager

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Minor

Facility ID: WELL 1 LENA

Category: Source

Attachment Comments: Rust on piping and lack of insulation



Attachment #2

Severity: Minor

Facility ID: WELL 2 LENA

Category: Source

Attachment Comments: Rust on piping and lack of insulation



Attachment #3

Severity: Minor

Facility ID: WELL 3 SHARP

Category: Source

Attachment Comments: Rust on piping and lack of insulation



Attachment #4

Severity: Minor

Facility ID: WELL 6 HWY 8 FLATWOODS

Category: Source

Attachment Comments: Rust on piping



Attachment #5

Severity: Recommendations

Facility ID: GWR SITE FOR LENA WELLS

Category: Treatment

Attachment Comments: POE Sample taps not in approved location



Attachment #6

Severity: Recommendations

Facility ID: GWR SAMPLE SITE FOR SHARP WELL

Category: Treatment

Attachment Comments: POE Sample Tap not in approved Location and not approved style.



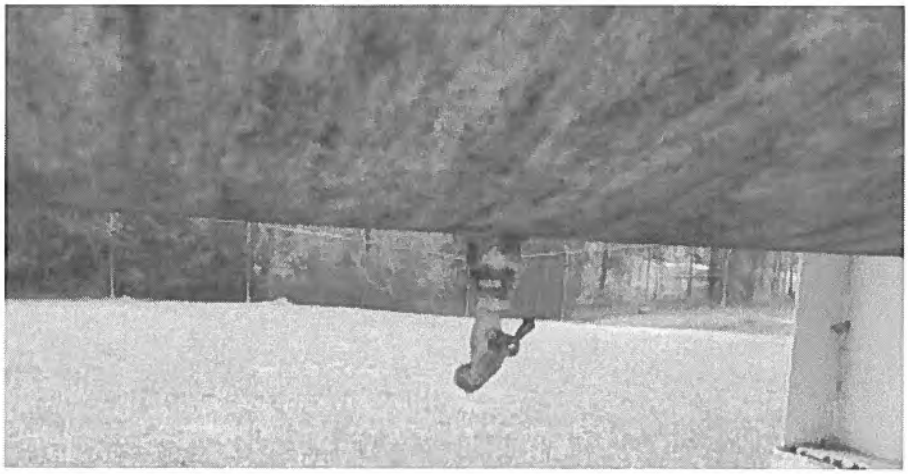
Attachment #7

Severity: Recommendations

Facility ID: GWR SAMPLE SITE FOR MORA WELLS

Category: Treatment

Attachment Comments: POE Sample Tap not in approved Location and not approved style.



Attachment #8

Severity: Recommendations

Facility ID: GWR SAMPLE SITE FOR FLATWOODS WELL

Category: Treatment

Attachment Comments: POE Sample Tap not in approved Location. (bottom of Hydro Tank)



Attachment #9

Severity: Significant

Facility ID: GROUND SHARP

Category: Finished Water Storage

Attachment Comments: No Screen and not turned down.



Attachment #10

Severity: Minor

Facility ID: GROUND MORA

Category: Finished Water Storage

Attachment Comments: No Screen and not turned down.



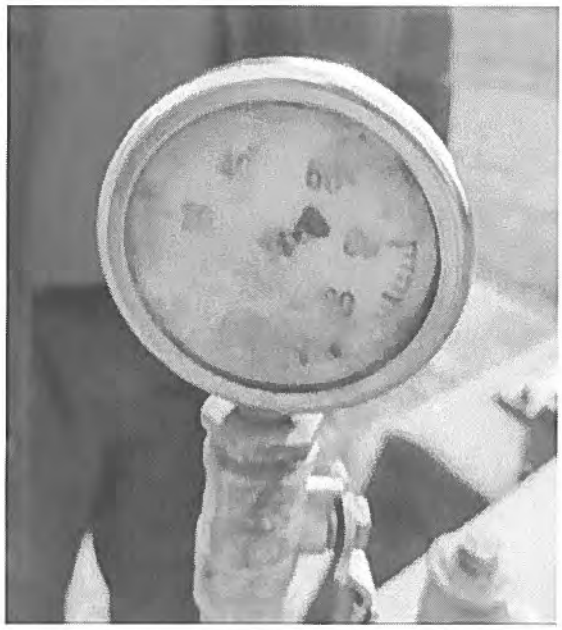
Attachment #11

Severity: Minor

Facility ID: GROUND LENA

Category: Finished Water Storage

Attachment Comments: Overflow not turned down.



Attachment #13

Severity: Minor

Facility ID: WELL 5 MORA SOUTH

Category: Source

Attachment Comments: Inoperable pressuer gauge



Attachment #14

Severity: Minor

Facility ID: ORTHOPHOSPHATE WELL 1 AND 2

Category: Treatment

Attachment Comments: No spill containment on chemicals



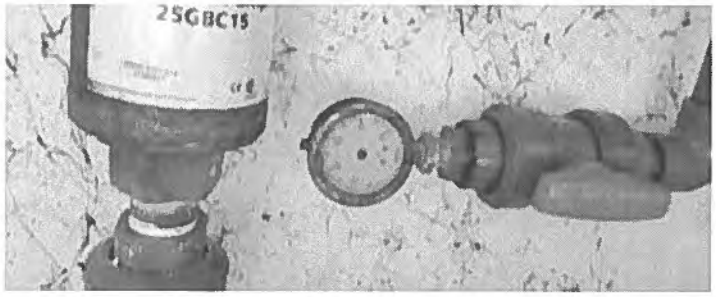
Attachment #15

Severity: Minor

Facility ID: ORTHOPHOSPHATE WELL 3

Category: Treatment

Attachment Comments: No spill containment on chemicals



Attachment #16

Severity: Recommendations

Facility ID: DISINFECTION WELL 6

Category: Treatment

Attachment Comments: Inoperable pressure gauge



Attachment #17

Severity: Recommendations

Facility ID: DISINFECTION WELL 1 AND 2

Category: Treatment

Attachment Comments: Light and fan inoperable

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 2710 0000 4927 6798

December 10, 2019

Tracy Breithaupt
Rapides Island Water Association Inc.
PO Box 458
Boyce, LA 71409

Re: Class I Sanitary Survey
Rapides Island Water Association Inc.
PWS ID LA1079020
Rapides Parish

Dear Mr. Breithaupt:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the December 9, 2019 sanitary survey inspection of the public water supply system for Rapides Island Water Association Inc. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
James Monroe	LDH OPH Engineering Services
Chad Gipson	Rapides Island Water Association
Jennifer Thiels	Rapides Island Water Association

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	Portions of the barbed wire and/or the security fence surrounding the water system facilities @ Well #4 was damaged/missing. Please repair the barbed wire and security fence to prevent unauthorized access to the facility and submit labeled photographic documentation of completed modifications.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was noted that the system did not have the equipment necessary to validate their colorimeter. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The point of entry (POE) tap was not in an approved location. The POE tap must be located such that it draws water directly from the water main to provide for samples that are most representative of the water quality being provided to customers. Please relocate or install a point of entry tap on the water main after treatment and storage, but prior to the first customer. The POE must be a smooth nozzle type faucet or tap. **See Attachment #2 and #1**
FACILITY	CATEGORY	FINDINGS
GR004 - GROUND @ WELL 2	Finished Water Storage	Soil is eroded at the Ground Storage foundation. The hole must be filled with dirt and graded to drain away from the facility to prevent ponding of water and further erosion.
FACILITY	CATEGORY	FINDINGS
GR005 - GROUND @ WELLS 7&8	Finished Water Storage	The overflow for the elevated storage tank does not discharge between 12 and 24 inches over a splash plate or drainage inlet structure. The discharge must discharge between 12 and 24 inches over a splash plate or drainage inlet structure to prevent erosion around the foundation of the tower that could comprise the structural integrity of the tower. **See Attachment #5**

FACILITY	CATEGORY	FINDINGS
GR002 - GROUND AT WELL 4	Finished Water Storage	The overflow for the elevated storage tank does not discharge between 12 and 24 inches over a splash plate or drainage inlet structure. The discharge must discharge between 12 and 24 inches over a splash plate or drainage inlet structure to prevent erosion around the foundation of the tower that could comprise the structural integrity of the tower. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
GR005 - GROUND @ WELLS 7&8	Finished Water Storage	The overflow pipe is not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen and installed to provide protection at all times.
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND AT WELL 6	Finished Water Storage	The overflow pipe is not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen and installed to provide protection at all times. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
TP007 - DISINFECTION WELL 7	Treatment	The light is currently not operational, either the bulb is burned or there is an electrical issue. The chlorine room must be equipped with a working light.
FACILITY	CATEGORY	FINDINGS
TP006 - DISINFECTION WELL 6	Treatment	The light is currently not operational, either the bulb is burned or there is an electrical issue. The chlorine room must be equipped with a working light.
FACILITY	CATEGORY	FINDINGS
TP002 - DISINFECTION WELL 2	Treatment	The light is currently not operational, either the bulb is burned or there is an electrical issue. The chlorine room must be equipped with a working light.
FACILITY	CATEGORY	FINDINGS
1079020-005 - WELL 5	Source	The screening on the air release-vacuum relief valve is broken. The air release-vacuum relief valve must be covered with a 24 mesh corrosion resistant screen.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: James Monroe,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1904686-004		7/11/2019		0.020	
S1904517-002	Routine	7/9/2019		0.990	
S1903968-001	Special	6/11/2019		0.750	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
6003651	06/28/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2019 - 06/30/2019
6003643	01/03/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	12/01/2018 - 12/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-484-2163.

Respectfully,

James Monroe,
Engineer Manager

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Minor

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: POE @ Well 6 Site



Attachment #2

Severity: Minor

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: POE @ Wells 7&8 Site



Attachment #3

Severity: Minor

Facility ID: GROUND AT WELL 4

Category: Finished Water Storage

Attachment Comments: Overflow on GST @ Well 4 not between 12 and 24 inches above ground



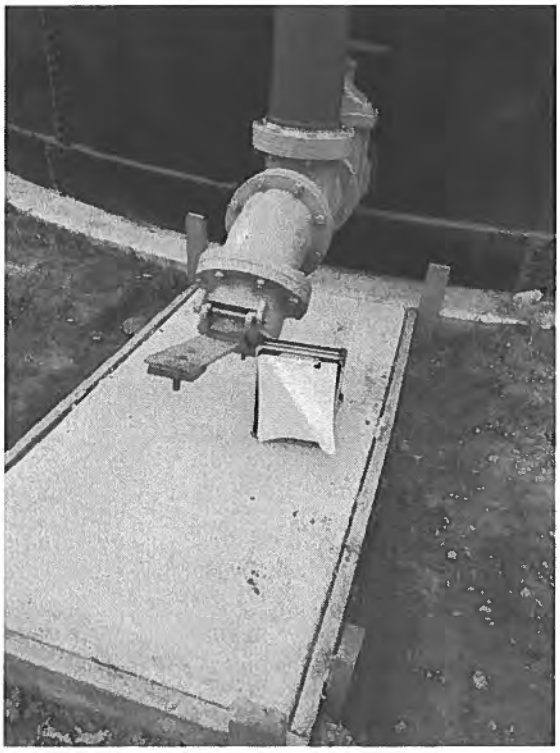
Attachment #4

Severity: Minor

Facility ID: GROUND AT WELL 6

Category: Finished Water Storage

Attachment Comments: Overflow on GST @ Well 6 not screened



Attachment #5

Severity: Minor

Facility ID: GROUND @ WELLS 7&8

Category: Finished Water Storage

Attachment Comments: Overflow on GST @ Wells 7&8 not between 12 and 24 inches or screened

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 2710 0000 4927 6217

June 14, 2019

Glen D Womack
HAMMOCK WATER SUPPLY
PO Box 540
Gilbert, LA 71336

Re: Class I Sanitary Survey
HAMMOCK WATER SUPPLY Public Water System
PWS ID LA1079030
RAPIDES Parish

Dear Mr. Womack:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 7, 2019 sanitary survey inspection of the public water supply system for HAMMOCK WATER SUPPLY (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
James Monroe	LDH OPH Engineering Services
Dody Wallace	Hammock Water Supply

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/24/2017	04/04/2017	Sanitary Survey, Finished	Significant	Source	1079030-001-WELL 1 HWY 121 - LEANDER - EAST WELL
Comments: Abandoned wells must be properly plugged.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/24/2017	04/04/2017	Sanitary Survey, Finished	Significant	Source	1079030-003-WELL 3 STANDBY WELL WEST WELL
Comments: Abandoned wells must be properly plugged.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/12/2013	12/30/2013	Sanitary Survey, Finished	Significant	Source	1079030-004-WELL 4 MORRISON RD EAST
Comments: There was no concrete slab surrounding the water well.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of the survey, there was a significant leak on piping going into the GST @ Morrison Rd. System shall make necessary modifications to fix leak. **See Attachment #6**
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The water system standby generator is not operating. The water system is not equipped with a source of dedicated standby power. The water system should explore every effort to obtain dedicated standby power.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	System has no Cross Connection Control Plan. There is no customer list with backflow devices being managed by the water system. A customer listing should be compiled showing customers and applicable devices. All commercial customers should be assessed for proper backflow prevention devices. The water system should have a procedure for addressing existing customers that do not currently have the required protection device. Please feel free to call this office to discuss the required protection for any customer on the water system. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
GR001 - GST #1 @ HWY 121	Finished Water	1. Vent on top of GST, not 2 or more feet above the roof of the GST. Make necessary modifications to vent.

	Storage	2. At the time of the survey, the water lever indicator piping did not have a screen on it. System shall install the appropriate screen on the piping. **See Attachment #9 and #10**
FACILITY	CATEGORY	FINDINGS
GR002 - GST #2 @ MORRISON RD	Finished Water Storage	The overflow pipe was not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen and installed to provide protection at all times. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
1079030-004 - WELL 4 MORRISON RD EAST	Source	The well is not equipped with an approved sample tap. An approved sample tap must be located upstream of the well discharge line check valve. The sample tap must be the smooth nozzle type. The area under and around the tap must accommodate sample containers which could be as large as a one gallon plastic milk jug without having to tilt the container to place under and remove from under the tap. **See Attachment #8**

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Water system shall provide appropriate sample taps for Coliform Routine Compliance Monitoring. At the time of the survey, TCR 007 had a threaded tap on it. Sample taps shall be Smooth nozzle taps. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
GR001 - GST #1 @ HWY 121	Finished Water Storage	Overflow does not open downward and screen was clogged. System shall clean/replace screen. **See Attachment #11**
FACILITY	CATEGORY	FINDINGS
GR001 - GST #1 @ HWY 121	Finished Water Storage	Severe rust on side of GST. System shall make necessary repairs to prevent further damage to GST. **See Attachment #12**
FACILITY	CATEGORY	FINDINGS
GR002 - GST #2 @ MORRISON RD	Finished Water Storage	Soil is eroded at the Ground Storage overflow splash pad and other areas. The holes must be filled with dirt and graded to drain away from the facility to prevent ponding of water and further erosion. **See Attachment #13**
FACILITY	CATEGORY	FINDINGS
TP004 - TREATMENT PLANT @ MORRISON ROAD	Treatment	The sodium hypochlorite tank was exposed to sunlight and environmental conditions. Feed lines must be secured on tank where openings will not allow for contamination from insects or rain. Tank shall be sited out of the sunlight in a cool area. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
TP004 - TREATMENT PLANT @	Treatment	There is no secondary containment provided for the liquid chemical being used for water treatment. Secondary containment prevents spillage or accidental drainage of

MORRISON ROAD		chemicals due to equipment and primary containment failure. System shall provide secondary containment for Sodium Hypochlorite.
FACILITY	CATEGORY	FINDINGS
TP005 - ZINC ORTHOPHOSPHATE WELLS 2 & 4	Treatment	There is no secondary containment provided for the phosphate being used for water treatment. Secondary containment must be provided for liquid chemical storage tanks to prevent uncontrolled discharge from accidental spillage, failure of the primary containment system or equipment failure. Provide a secondary means of containment for the phosphate storage tank with a sufficient containment volume. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1079030-004 - WELL 4 MORRISON RD EAST	Source	Pressure gauge on system at time of survey was inoperable, needle indicator stuck behind pin. System shall replace pressure gauge with operable pressure gauge. **See Attachment #7**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The pipes within the in the treatment building on Morrison Rd, were showing signs of rust, corrosion and leakage. This corrosion can result in leaks if not treated. The water pipes are to be cleaned and treated to prevent further corrosion and leaks.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: James Monroe,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
6002758	08/01/2018	LEAD & COPPER RULE	01/01/2015 - 12/31/2017

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-484-2163.

Respectfully,

James Monroe,
Engineer Manager

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



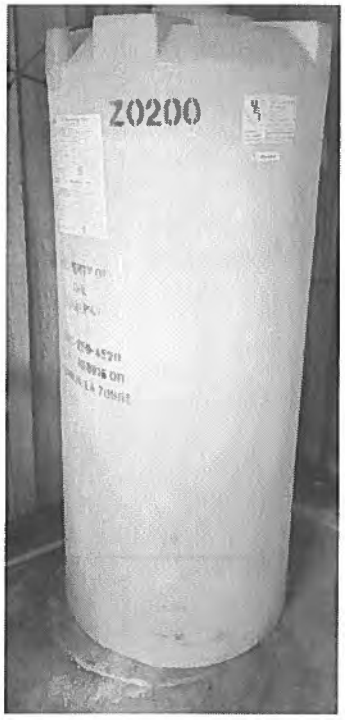
Attachment #1

Severity: Minor

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Threaded Sample Tap @ TCR 007



Attachment #2

Severity: Minor

Facility ID: ZINC ORTHOPHOSPHATE WELLS 2 & 4

Category: Treatment

Attachment Comments: No Spill Containment on Zinc Orthophosphate



Attachment #3

Severity: Minor

Facility ID: TREATMENT PLANT @ MORRISON ROAD

Category: Treatment

Attachment Comments: Sodium Hypochlorite storage tank.



Attachment #4

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Pipes in Treatment Building on Morrison Rd



Attachment #5

Severity: Significant

Facility ID: GST #2 @ MORRISON RD

Category: Finished Water Storage

Attachment Comments: Overflow @ GST on Morrison Rd not screened



Attachment #6

Severity: Significant

Category: Other

Attachment Comments: Leaks on Pipe going into GST @ Morrison Rd.



Attachment #7

Severity: Minor

Facility ID: WELL 4 MORRISON RD EAST

Category: Source

Attachment Comments: Inoperable pressure gauge



Attachment #8

Severity: Significant

Facility ID: WELL 4 MORRISON RD EAST

Category: Source

Attachment Comments: Not equipped with approve sample tap



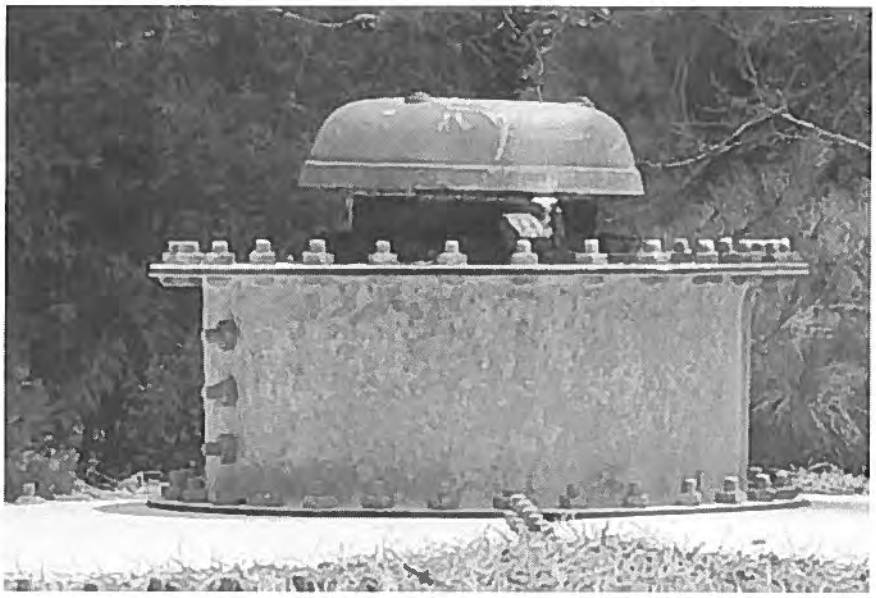
Attachment #9

Severity: Significant

Facility ID: GST #1 @ HWY 121

Category: Finished Water Storage

Attachment Comments: Level indicator pipe not screened



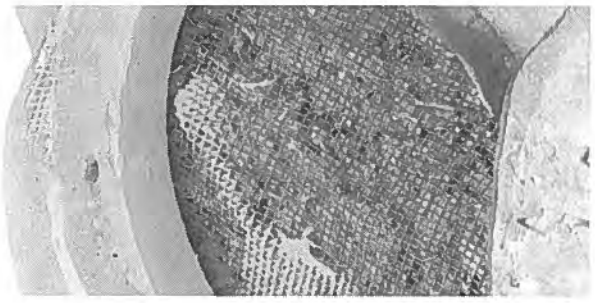
Attachment #10

Severity: Significant

Facility ID: GST #1 @ HWY 121

Category: Finished Water Storage

Attachment Comments: Vent not more than 2 feet above roof.



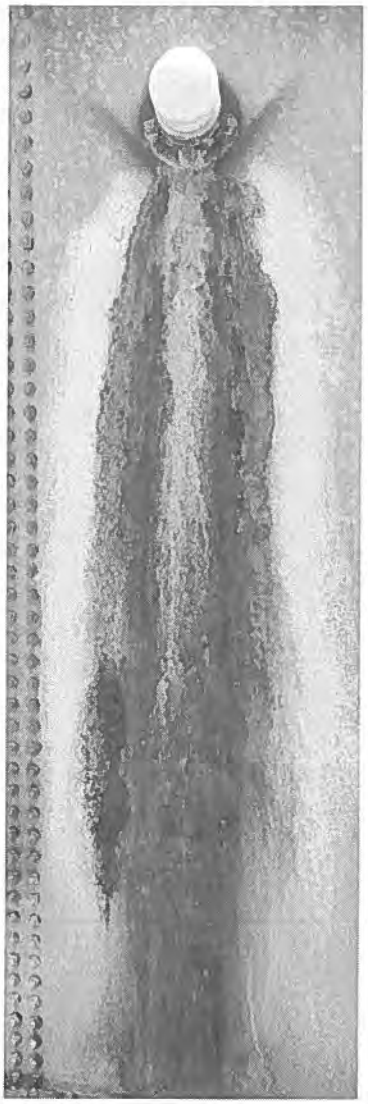
Attachment #11

Severity: Minor

Facility ID: GST #1 @ HWY 121

Category: Finished Water Storage

Attachment Comments: Clogged Overflow Screen



Attachment #12

Severity: Minor

Facility ID: GST #1 @ HWY 121

Category: Finished Water Storage

Attachment Comments: Rust on GST on HWY 121



Attachment #13

Severity: Minor

Facility ID: GST #2 @ MORRISON RD

Category: Finished Water Storage

Attachment Comments: Hole around GST

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 2710 0000 4927 6743

December 6, 2019

Paul Coreil
LSU at Alexandria
8100 Hwy 71 South
Alexandria, LA 71302

Re: Class I Sanitary Survey
LSU at Alexandria Public Water System
PWS ID LA2079009
RAPIDES Parish

Dear Dr. Coreil:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the December 4, 2019 sanitary survey inspection of the public water supply system for LSU at Alexandria Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
James Monroe	LDH OPH Engineering Services
Kenneth Paul	LSU At Alexandria
Benjamin Touchstone	Cenla Environmental Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/20/2015	06/16/2015	Sanitary Survey, Finished	Significant	Finished Water Storage	EL002-ELEVATED TANK #2
Comments: All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked and areas shall be locked when unattended. The fence shall be resistant to climbing and at least 6 feet high. The elevated tower does not have a fence that goes around the facility.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/20/2015	06/16/2015	Sanitary Survey, Finished	Significant	Finished Water Storage	GR001-GROUND
Comments: Finished water storage structures shall be vented. Vents should exclude insects and dust, as much as this function can be made compatible with effective venting. The mesh screen needs to be changed.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Chlorine residuals must be monitored daily at the water production (POE) site. A critical point (MRT), the location in the water system furthest from treatment, must be monitored daily. An additional chlorine residual check must be made monthly at the ACR site. These points were established for the water system during the submittal of the Monitoring Plan on the Monitoring Portal website. A free chlorine residual of 0.5 mg/L is required at all times and at all locations tested. At the time of the survey the required daily testing was only being done Monday thru Friday, and the reports were not being signed by the designated operator. Please start measuring and recording the residuals at the locations described using a digital chlorine analyzer **seven days a week**. Residuals must also be recorded on **signed and dated** "LDH Approved Chlorine Residual Forms", which can be found at: http://new.dhh.louisiana.gov/index.cfm/page/1725. The system shall submit copies of the previous month's chlorine residuals to the Regional Engineering office by the 10 of each month for the next 6 month or as long as the Regional Engineer deems necessary.

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	The overflow pipe is not screened with a 24 mesh screen. The overflow pipe must be screened with 24 mesh non-corrodible screen and installed to provide protection at all times.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT 1	Treatment	There is no secondary containment provided for the liquid chemical being used for water treatment. Secondary containment prevents spillage or accidental drainage of chemicals due to equipment and primary containment failure.
FACILITY	CATEGORY	FINDINGS
2079009-001 - WELL 1	Source	The screening on the air release-vacuum relief valve is missing. The air release-vacuum relief valve must be covered with a 24 mesh corrosion resistant screen. Replace the air relief valve screen to prevent the entrance of contaminants

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: James Monroe,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-484-2163.

Respectfully,

James Monroe,
Engineer Manager

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL:7016 2710 0000 4927 6750

December 5, 2019

David Craun
Assembly of God Church Camp
9215 Hwy 165
Woodworth, LA 71485

Re: Class I Sanitary Survey
Assembly of God Church Camp Water System
PWS ID LA2079017
Rapides Parish

Dear Mr. Craun:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the December 4, 2019 sanitary survey inspection of the public water supply system for Assembly of God Church Camp. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
James Monroe	LDH OPH Engineering Services
David Craun	Assembly Of God Church Camp

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Chlorine residuals must be monitored daily at the water production (POE) site. A critical point (MRT), the location in the water system furthest from treatment, must be monitored daily. An additional chlorine residual check must be made monthly at the ACR site. These points were established for the water system during the submittal of the Monitoring Plan on the Monitoring Portal website. A free chlorine residual of 0.5 mg/L is required at all times and at all locations tested. Please start measuring and recording the residuals at the locations described using a digital chlorine analyzer. Residuals must also be recorded on signed and dated "LDH Approved Chlorine Residual Forms", which can be found at: http://new.dhh.louisiana.gov/index.cfm/page/1725. System shall submit copies of the previous month's chlorine residuals to the Regional Engineering office by the 10 of each month for the next 6 month or as long as the Regional Engineer deems necessary.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	A total coliform monitoring plan needs to be updated. A total coliform monitoring plan must be kept up-to-date. The OPH Region 6 Engineering staff can be reached by phone @ 318-487-5282 in regard to the review and approval of the plan. The water system can complete the required plan update by logging into the Monitoring Plan Portal at https://www.ldhh-mpp.org/
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The point of entry (POE) tap was located before the Hydro-pneumatic tank. The POE tap must be located such that it draws water directly from the water main to provide for samples that are most representative of the water quality being provided to customers. Relocate the POE tap to the main line after the Hydro-pneumatic tank leaving the well site.
FACILITY	CATEGORY	FINDINGS
TP001 - DISINFECTION WELL 1	Treatment	There is no secondary containment provided for the liquid chemical being used for water treatment. Secondary containment prevents spillage or accidental drainage of chemicals due to equipment and primary containment failure.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: James Monroe,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1906419-001	Routine	9/11/2019		0.000	0.080

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
118	09/18/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	09/01/2019 - 09/30/2019
117	05/08/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	04/01/2019 - 04/30/2019

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-484-2163.

Respectfully,

James Monroe,
Engineer Manager

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 1830 0000 8554 4350

March 1, 2019

Bobby Thigpen
EAST CROSS WATER SYSTEM
PO Box 26
Hall Summit, LA 71034

Re: Class I Sanitary Survey
EAST CROSS WATER SYSTEM Public Water System
PWS ID LA1081002
RED RIVER Parish

Dear Mr. Thigpen:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 26, 2019 sanitary survey inspection of the public water supply system for EAST CROSS WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Kelly Herrick	LDH OPH Engineering Services
Ken Lott	Representative
Floyd Smith	LDH District 4 Engineering

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR002 - GROUND STORAGE TANK	Finished Water Storage	The overflow for a ground- level storage reservoir shall open downward and be screened with twenty-four mesh non-corrodible screen. The screen shall be installed within the overflow pipe at a location least susceptible to damage by vandalism. If a flapper valve is used, a screen shall be provided inside the valve. The overflow pipe is not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Kelly Herrick, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
7008818	12/14/2018	OCCT/SOWT RECOMMENDATION/STUDY (LCR)	07/01/2015 - 12/31/2015

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-5179.

Respectfully,

Kelly Herrick, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 3090 0001 7398 4710

December 12, 2019

Vince Almond
EDGEFIELD WATER SYSTEM
P. O. Box 397
Coushatta, LA 71019

Re: Class I Sanitary Survey
EDGEFIELD WATER SYSTEM Public Water System
PWS ID LA1081003
RED RIVER Parish

Dear Mr. Almond:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the December 5, 2019 sanitary survey inspection of the public water supply system for EDGEFIELD WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Floyd Smith	LDH District 4 Engineering
Andy Freeman	Red River Power Solutions
Kelly Herrick	LDH/OPH Engineering Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	40 CFR 141.403 and LAC 51:XII.344 - Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods. A copy of the Cross Connection Control Plan is needed for review by LDH staff.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	40 CFR 141.403 and LAC 51:XII.311.A - Complete daily records of the operation of a public water system, including reports of laboratory control tests, shall be kept and retained as prescribed in the National Primary Drinking Water Regulations on forms approved by the state health officer. When specifically requested by the state health officer or required by other requirements of this Part, copies of these records shall be provided to the office designated by the state health officer within 10 days following the end of each calendar month. Additionally, all such records shall be made available for review during inspections/sanitary surveys performed by the state health officer. These reports need to be reviewed by LDH staff.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	40 CFR 141.403 and LAC 51:XII.377.A.1 - Records of microbiological analyses and turbidity analyses made pursuant to this part shall be kept for not less than 5 years. Records of chemical analyses made pursuant to this part shall be kept for not less than 10 years. 40CFR 141.33(a). Bacteriological test and chemical test results reports from the laboratory shall be kept on file and retained for not less than ten (10) years. During the sanitary survey, the test results were not available for review. All such records shall be made available for review during inspections and sanitary surveys of the public water system performed by LDH. Copies of CCR reports are also needed for review by LDH staff

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Floyd Smith, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
7005811	01/10/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
7005810	01/03/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	12/01/2018 - 12/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7481.

Respectfully,

Floyd Smith, R.S.
Monitoring San

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 1830 0000 9275 1840**

May 2, 2019

Danny Scott
HALL SUMMIT WATER SYSTEM
P.O. Box 98
Hall Summit, LA 71034

Re: Class I Sanitary Survey
HALL SUMMIT WATER SYSTEM Public Water System
PWS ID LA1081004
RED RIVER Parish

Dear Mayor Scott:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 27, 2019 sanitary survey inspection of the public water supply system for HALL SUMMIT WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Autumn Permenter	LDH-OPH Engineering District 4
William Charlot	LDH-OPH Engineering Services
Eddie Conlay	Representative
Andrea Payton	LDH-OPH Engineering Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/20/2016	05/24/2016	Formal Enforcement	Minor	Other	Management
Comments: THE PUMP EQUIPMENT BUILDINGS NEED TO BE REPAIRED AT MAIN PLANT AND SCHOOL PLANT.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/20/2016	05/24/2016	Formal Enforcement	Minor	Treatment	TP003-TP @ WELL #3
Comments: Vent fan was not working.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The water system is not equipped with a source of dedicated standby power. The water system should explore every effort to obtain dedicated standby power.
FACILITY	CATEGORY	FINDINGS
1081004-002 - WELL #2, SCHOOL	Source	Holes in the electrical conduit serving the well create a space for the possible entrance of foreign substances that could lead to bacteriological contamination. Repair the hole in the in the electrical conduit to prevent bacteriological contamination.
FACILITY	CATEGORY	FINDINGS
1081004-003 - WELL #3	Source	The well has an existing cracked slab. The well shall be provided with a watertight cover constructed of concrete at least 4 inches thick and 2.5 feet in all directions. The cover must be graded to drain away from casing. Repair the cracked concrete slab to prevent any potential contamination into the well. (Refer to Figure 1)

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The electrical panels and boxes at the well sites are showing signs of rust and corrosion. All electrical work shall conform to the requirements of the National Electric code or to relevant state and/or local codes. Please make necessary repairs to ensure continuous electrical service and operation of the controls at the well sites. (Refer to Figure 2)
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	From review the finished water storage facilities (elevated towers, ground storage tanks, and hydropneumatic tanks) should be

TANK		inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages' interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities could benefit from an inspection.
FACILITY	CATEGORY	FINDINGS
GR001 - GST #1, TOWN	Finished Water Storage	From review the finished water storage facilities (elevated towers, ground storage tanks, and hydropneumatic tanks) should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages' interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities could benefit from an inspection.
FACILITY	CATEGORY	FINDINGS
GR002 - GST #2, SCHOOL	Finished Water Storage	From review the finished water storage facilities (elevated towers, ground storage tanks, and hydropneumatic tanks) should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages' interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities could benefit from an inspection.
FACILITY	CATEGORY	FINDINGS
GR001 - GST #1, TOWN	Finished Water Storage	The Ground Storage Tank did not have an overflow pipe. All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate.
FACILITY	CATEGORY	FINDINGS
GR002 - GST #2, SCHOOL	Finished Water Storage	The overflow pipe is not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen and installed to provide protection at all times.
FACILITY	CATEGORY	FINDINGS
TP002 - TP @ WELL #2	Treatment	The chlorine gas room must have an operating fan, lights, and separate switches for the fan and lights located outside of the chlorine room. The chlorine room is currently not equipped with lighting or a fan. Install lighting, a fan, and separate switches outside of the chlorine room to control the lighting and ventilating fan. (Refer to Figure 3)
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT HWY 514	Treatment	The chlorine gas room must have an operating fan, lights, and separate switches for the fan and lights located outside of the chlorine room. The chlorine room is currently not equipped with lighting or a fan. Install lighting, a fan, and separate switches outside of the chlorine room to control the lighting and ventilating fan. (Refer to Figure 4)

FACILITY	CATEGORY	FINDINGS
TP003 - TP @ WELL #3	Treatment	The chlorine gas room must have separate switches for the fan and lights located outside of the chlorine room. Install separate switches outside of the chlorine room to control the lighting and ventilating fan.
FACILITY	CATEGORY	FINDINGS
1081004-003 - WELL #3	Source	The well discharge piping is showing signs of rust, corrosion and flaking paint. The well discharge piping must be cleaned, treated and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.
FACILITY	CATEGORY	FINDINGS
1081004-001 - WELL #1, TOWN	Source	The well discharge piping is showing signs of rust, corrosion and flaking paint. The well discharge piping must be cleaned, treated and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. (Refer to Figure 5)
FACILITY	CATEGORY	FINDINGS
1081004-002 - WELL #2, SCHOOL	Source	The well is not equipped with a working pressure gauge. A pressure gauge must be provided.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The pumps within the pipe gallery room at the Main Treatment Plant and the pipe gallery at the Well No. 2 site are leaking. The pumps should be repaired and serviced to prevent further leakage. The pipes within the pipe gallery room are showing signs of rust and corrosion. This corrosion can result in leaks if not treated. The water pipes are to be cleaned and treated to prevent further corrosion. (Refer to Figure 6)
FACILITY	CATEGORY	FINDINGS
TP003 - TP @ WELL #3	Treatment	Chlorine cylinders were restrained with a single chain. It is recommended to chain each cylinder individually to prevent upset.

		(Refer to Figure 10)
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT HWY 514	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.
FACILITY	CATEGORY	FINDINGS
TP002 - TP @ WELL #2	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.
FACILITY	CATEGORY	FINDINGS
TP003 - TP @ WELL #3	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT HWY 514	Treatment	The chlorine feed room is not equipped with an inspection window. A shatter resistant inspection window is required where chlorine gas is fed.
FACILITY	CATEGORY	FINDINGS
TP002 - TP @ WELL #2	Treatment	The chlorine feed room is not equipped with an inspection window. A shatter resistant inspection window is required where chlorine gas is fed.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Autumn Permenter, PE
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period

7004613	05/07/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	04/01/2018 - 04/30/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (318) 676-7477 or Autumn.Permenter@la.gov.

Respectfully,



Autumn Permenter, P.E.
District Engineer – District IV
LDH/OPH - Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering



Figure 1 – Cracked Slab at Well No. 3

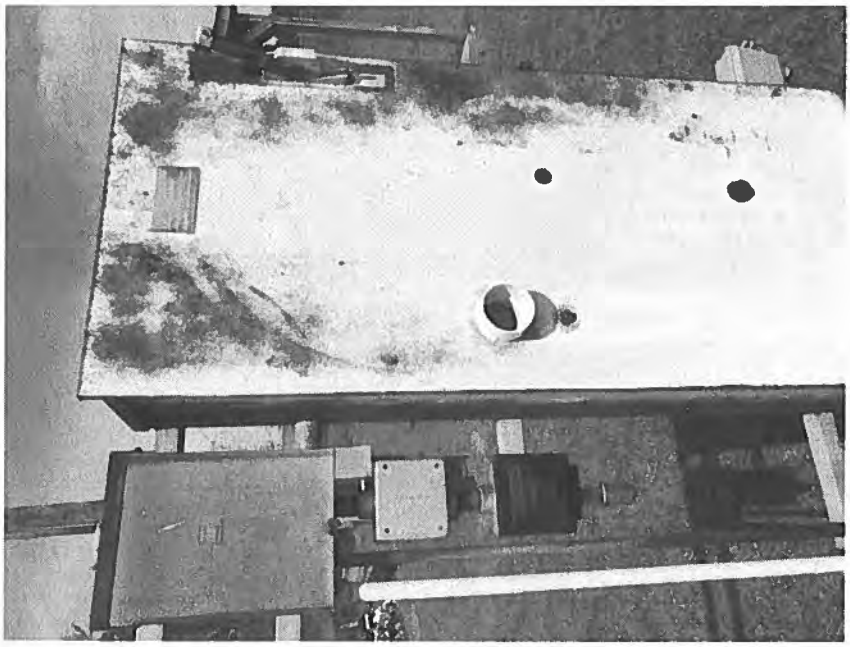


Figure 2a - Rust on Electrical Panels at Well No. 3 Site



Figure 2b - Rust on Electrical Panels at Well No. 2 Site

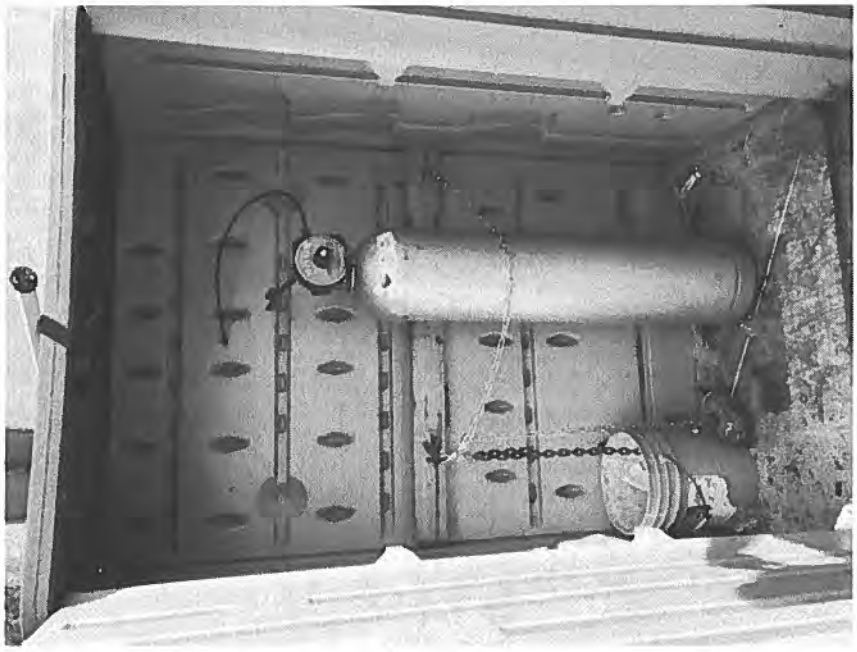


Figure 3 – Chlorine Gas Room at Well No. 2 Site

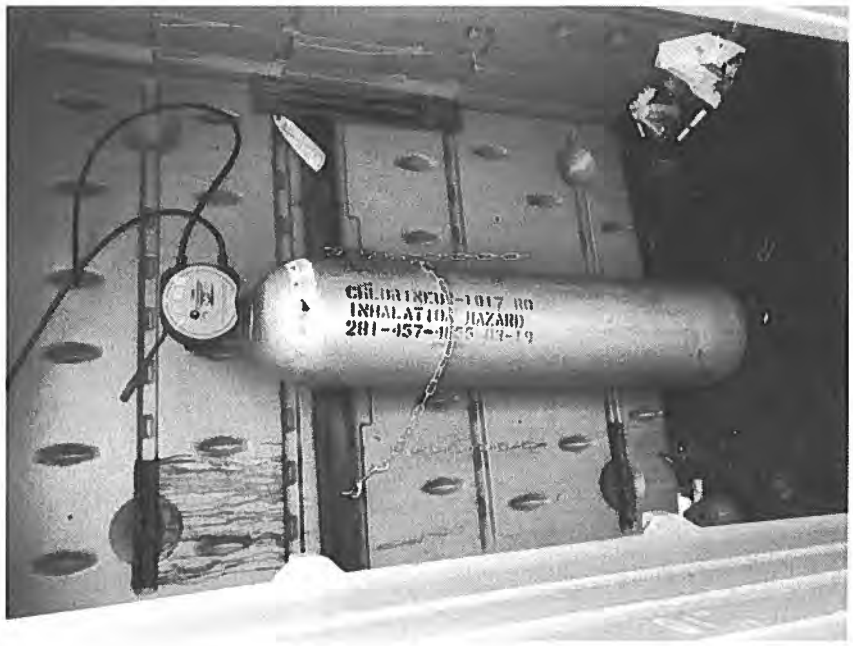


Figure 4 – Chlorine Room at Main Treatment Plant

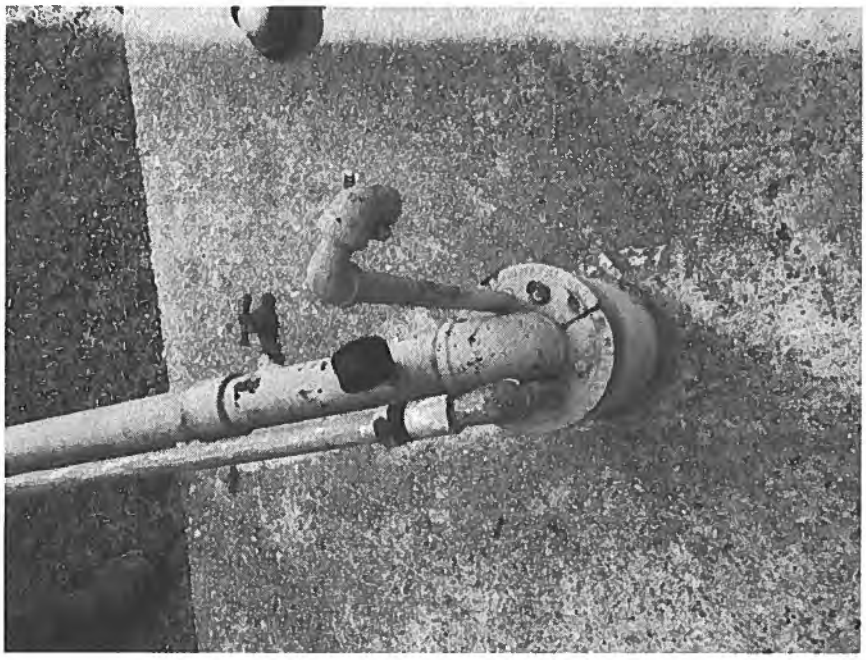


Figure 5 – Well Discharge Piping at Main Treatment Plant in Town



Figure 6a – Pipe Gallery at Main Treatment Plant



Figure 6b – Pipe Gallery at Well No. 2 Site

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 1830 0001 0572 3109**

June 26, 2019

Brent Cormier
HALFWAY CARROLL WATER SYSTEM
PO Box 444
Coushatta, LA 71019

Re: Class I Sanitary Survey
Halfway Carroll Public Water System
PWS ID LA1081005
Red River Parish

Dear Mr. Cormier:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 11, 2019 sanitary survey inspection of the public water supply system for Halfway Carroll Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Andrea Payton	LDH/OPH Engineering Services
Hannah Beatty	LDH/OPH Engineering Services
Brent Cormier	Halfway Carroll Water System
Ken Lott	Representative

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/07/2016	07/11/2016	Sanitary Survey, Finished	Minor	Source	1081005-001-WELL #1
Comments: Well needs a new flow meter					

Significant Deficiencies

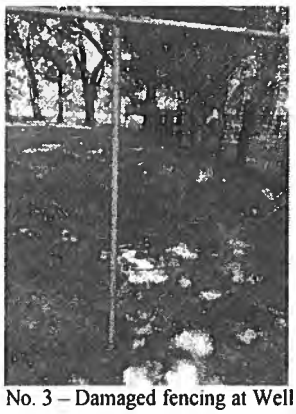
FACILITY	CATEGORY	FINDINGS
Management	Security	Portions of the security fence surrounding the water system facilities (Water Plant and Well) are damaged/missing. Please repair the fencing to prevent unauthorized access to the facility and submit labeled photographic documentation of completed modifications.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE TANK	Finished Water Storage	All piping with exposed ends must be screened with a mesh non-corrodible screen and installed to provide protection at all times.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1081005-001 - WELL #1	Source	Flow Meter is needed.


No. 1- Piping with exposed open


No. 2- Damaged fencing at Water Plant


No. 3 – Damaged fencing at Well

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written

confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Andrea Payton,
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1805204-001	Routine	9/10/2018		1.920	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
4092633	04/03/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	03/01/2019 - 03/31/2019

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7489.

Respectfully,

Andrea Payton

Andrea Payton
LDH/OPH Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR



Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 1830 0000 9275 0782 - Return Receipt Requested

August 2, 2019

Mark Morgan
MARTIN WATER SYSTEM
239 Evans Road
Coushatta, LA 71019

Re: Class I Sanitary Survey
MARTIN WATER SYSTEM Public Water System
PWS ID LA1081006
RED RIVER Parish

Dear Mr. Morgan:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 20, 2019 sanitary survey inspection of the public water supply system for MARTIN WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
James Soileau III	LDH-OPH Region 7 Engineering Services
Mark Morgan	Martin Water System, Inc.

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/11/2013	08/01/2013	Formal Enforcement	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: The water system must have a cross connection control program.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	There was an air leak on the left filter in the filter room. The leak shall be repaired to prevent malfunction of the sand filters.
FACILITY	CATEGORY	FINDINGS
GR001 - GST #1, MAIN TANK	Finished Water Storage	There was no screen on the overflow piping at the time of the inspection. A screen shall be added to prevent the entrance of birds or insects into the storage tank. Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures.
FACILITY	CATEGORY	FINDINGS
1081006-003 - WELL #3	Source	The electrical box was open from multiple sides to the atmosphere and had holes in the back, which could provide a pathway for contamination into the well. The covers for the box shall be put back on and the holes in the back of the box shall be sealed. **See Attachment #2 and #3**
FACILITY	CATEGORY	FINDINGS
1081006-001 - WELL #1, PR 220 (NORTH SIDE OF ROAD)	Source	There were holes in the back of the electrical box that could provide a pathway for contamination into the well. The holes shall be sealed. There shall be no pathway for contamination into the well casing and/or discharge piping. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1081006-005 - WELL #5	Source	There were holes in the back of the electrical box, and a gap between the well casing and the well cap. The holes and the gap shall be sealed to prevent the entrance of contaminants into the well casing. **See Attachment #4 and #5**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	It was noted during the sanitary survey that the water system did not keep a customer complaint log. Effective August 1, 2018, community water systems are required by Act 292 to establish and maintain

		records of customer complaints. The aspects of the log include time and date of the complaint, location, the name of the customer or user, a brief description, and the corrective actions implemented to resolve the complaint. These records must be maintained by the water system for a minimum of 5 years and must be made available for review by LDH upon request. These records can be vital to identify problem areas in your distribution system. They can also support efforts to seek funding for various issues that may plague the water system.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED STORAGE TANK	Finished Water Storage	The elevated tank seemed to be showing signs of dirt and mild corrosion. The tank shall be repainted to prevent significant corrosion in the future, Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED STORAGE TANK	Finished Water Storage	The overflow piping on the elevated tank went directly into the ground and discharged at a location off site. No overflow may be connected directly to a sewer or a storm drain. All overflow pipes shall be located so that any discharge is visible. **See Attachment #6**
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT PR 221	Treatment	The caustic container was not labeled at the time of the inspection. Tanks and tank refilling line entry points shall be clearly labeled with the name of the chemical contained.
FACILITY	CATEGORY	FINDINGS
1081006-001 - WELL #1, PR 220 (NORTH SIDE OF ROAD)	Source	The well casing was showing signs of corrosion. The well casing shall be repainted to protect the discharge piping from contamination.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
1081006-003 - WELL #3	Source	The well casing was showing signs of corrosion. The well casing shall be repainted to protect the discharge piping from contamination.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: James Soileau III, E.I.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
7006236	04/02/2019	CCR REPORT	
7006235	01/22/2019	LEAD CONSUMER NOTICE (LCR)	01/01/2016 - 12/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-5422.

Respectfully,

James Soileau

James Soileau III, E.I.
Region 7 Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Significant

Facility ID: WELL #1, PR 220 (NORTH SIDE OF ROAD)

Category: Source

Attachment Comments: Holes in the back of the electrical box.

Office of Public Health ▪ Northwest Region VII
1525 Fairfield Avenue, Room 569 ▪ Shreveport, Louisiana 71101
Phone #: 318-676-7470 ▪ Fax #: 318-676-5170 ▪ www.ldh.la.gov
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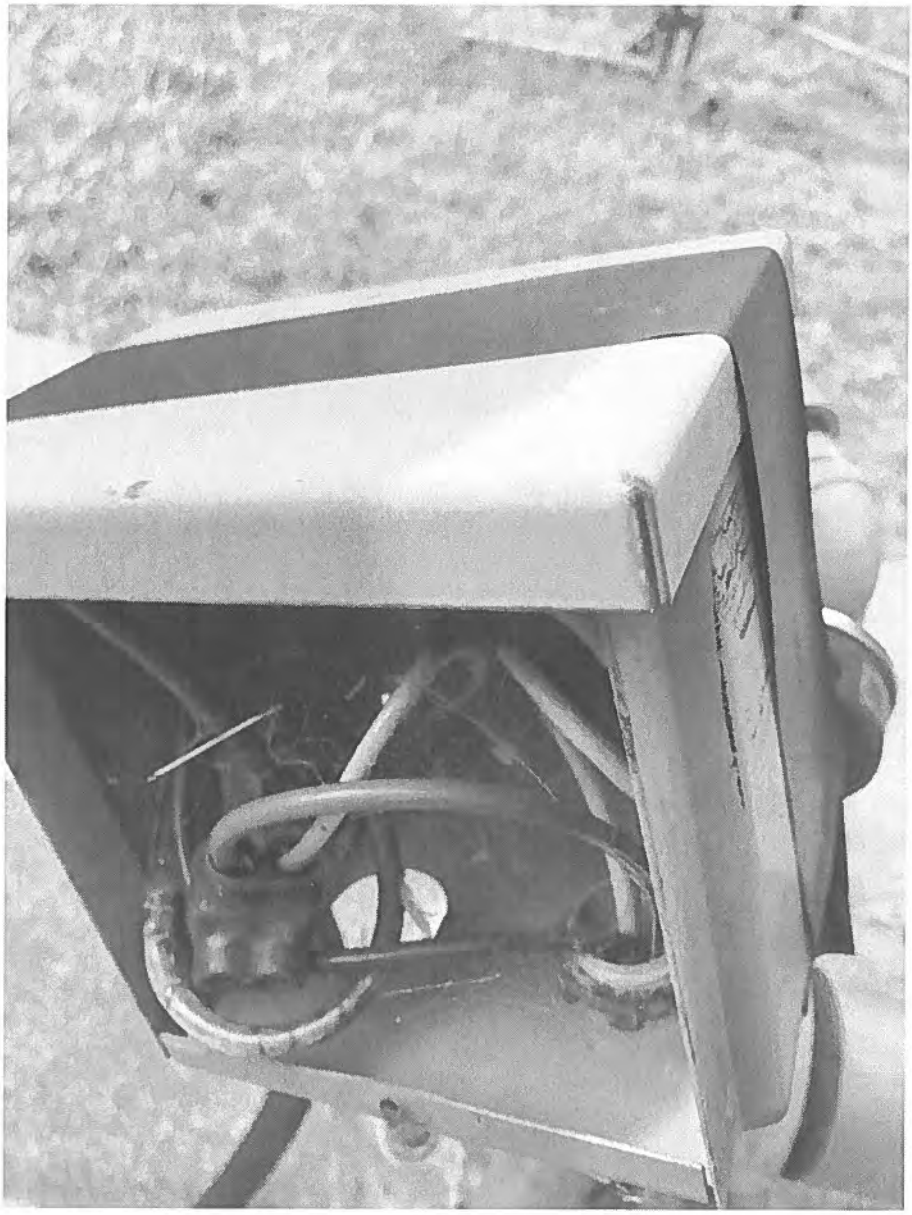


Attachment #2

Severity: Significant

Facility ID: WELL #3

Category: Source

Attachment Comments: Cover on the electrical box was removed.



Attachment #3

Severity: Significant

Facility ID: WELL #3

Category: Source

Attachment Comments: Holes In the back of the electrical box.



Attachment #4

Severity: Significant

Facility ID: WELL #5

Category: Source

Attachment Comments: Well cap was not flush with the well casing.



Attachment #5

Severity: Significant

Facility ID: WELL #5

Category: Source

Attachment Comments: Holes in the back of the electrical box.



Attachment #6

Severity: Minor

Facility ID: ELEVATED STORAGE TANK

Category: Finished Water Storage

Attachment Comments: Overflow directly connected to the ground and discharged at an off-site location.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7012 1010 0000 1528 0297

May 29, 2019

Emmalee McCartney
BAYOU PIERRE WATER SYSTEM
P. O. Box 631
Coushatta, LA 71019

Re: Class I Sanitary Survey
BAYOU PIERRE WATER SYSTEM Public Water System
PWS ID LA1081008
RED RIVER Parish

Dear Ms. McCartney:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 15, 2019 sanitary survey inspection of the public water supply system for BAYOU PIERRE WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Floyd Smith	LDH District 4 Engineering
Carl Carpenter	Bayou Pierre Water System
Yatowski Grant	LDH OPH Engineering Services
Emmalee Mccartney	Bayou Pierre Water System, Inc

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods. There is no customer list with backflow devices being managed by the water system. A customer listing should be compiled showing customers and applicable devices. All commercial customers should be assessed for proper backflow prevention devices. The water system should have a procedure for addressing existing customers that do not currently have the required protection device.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - EST #1	Finished Water Storage	The overflow for a ground- level storage reservoir shall open downward and be screened with twenty-four mesh non-corrodible screen. The screen shall be installed within the overflow pipe at a location least susceptible to damage by vandalism. If a flapper valve is used, a screen shall be provided inside the valve. The overflow pipe is not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen.
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND STORAGE TANK	Finished Water Storage	The overflow for a ground- level storage reservoir shall open downward and be screened with twenty-four mesh non-corrodible screen. The screen shall be installed within the overflow pipe at a location least susceptible to damage by vandalism. If a flapper valve is used, a screen shall be provided inside the valve. The overflow pipe is not screened. The overflow pipe must be screened with 4 mesh non-corrodible screen.

FACILITY	CATEGORY	FINDINGS
1081008-001 - WELL #1	Source	The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained. The wells pressure gauge is broken. The wells discharge piping must be equipped with a working pressure gauge.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Floyd Smith, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

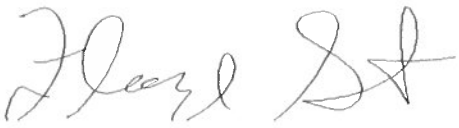
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7481.

Respectfully,



Floyd Smith, R.S.
District Compliance Officer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2490 8303 – Return Receipt Requested

September 25, 2019

Jesse Washington
Delhi Water Supply
P.O. Box 277
Delhi, LA 71282

Re: Class I Sanitary Survey
Delhi Water Supply
PWS ID LA1083002
Richland Parish

Dear Mr. Washington:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 11, 2019 sanitary survey inspection of the public water supply system for Delhi Water Supply. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH/OPH Engineering Region VIII
Jesse Washington	Town of Delhi
Clarence McCall	Town of Delhi

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/28/2014	08/08/2014	Sanitary Survey, Finished	Minor	Distribution System	DS0950-Distribution System
Comments: It was noted at the time of the inspection, the TCR (total coliform rule) sample location listed on the TCR monitoring plan for the town of Delhi lists "Hwy 17 & Cook Rd". However "Hwy 17 & Cook Rd" does not exist and the more appropriate address for the location of the TCR sample location is "1356 Hwy 17" and this location has a threaded sample tap. Adjust the town of Delhi TCR monitoring plan to reflect the correct address and install a sample tap with a smooth nozzle to decrease the chances of a "bad sample". It was also noted the sample location for 22 Hwy 609 was the sample tap for the elevated storage tank that is inside the tank. TCR monitoring plan sites must be located on the distribution system and the sample location currently being collected inside the elevated tank must be moved to the distribution system located outside the gate of the elevated tank at 22 Hwy 609.					

Significant Deficiencies

Facility	Category	Findings
DS0950 - Distribution System	Distribution System	At the time of inspection, the town had a cross connection control plan in place, had a survey performed, and had some backflow prevention test reports. It was noted that these assemblies were not being tested on a yearly basis. Please provide a list of all critical customers and copies of the annual test reports when they are completed.
Facility	Category	Findings
1083002-005 - Well #5	Source	At the time of inspection, the electrical box connected to Well #5 was not properly sealed. Please fill in any openings to prevent a possible pathway for contamination. See attachment 1.

Deficiencies

Facility	Category	Findings
Management	Other	At the time of inspection, much of the piping in the pumping facility was in need of being cleaned and repainted. Also, the altitude valves at the Superior Drive and Sapa Drive tanks showed noticeable signs of flaking paint and corrosion. Please clean and paint all affected sections of piping at these sites to prevent any further damage to the pipes. See attachment 2.
Facility	Category	Findings
EL003 - Elevated	Finished Water Storage	At the time of inspection, Elevated Tank #3 had an overflow that terminated too high above the ground. All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface. See attachment 3.
Facility	Category	Findings
GR001 - Ground	Finished Water Storage	At the time of inspection, it was noted that the overflow for the Ground Storage Tank was not properly screened. Please install a 24 mesh corrosion resistant screen to the overflow pipe. See attachment 4.
Facility	Category	Findings
GR001 - Ground	Finished Water Storage	At the time of inspection, the inlet pipe to the Ground Storage tank showed noticeable signs of flaky paint and corroded pipes. Please clean and paint this pipe to resist any further deterioration that could lead to a potential

		source of contamination. See attachment 5.
Facility	Category	Findings
EL001 - Elevated	Finished Water Storage	At the time of inspection, the sample tap on the Elevated Tank on Superior Drive was broken. Please replace the tap to facilitate the collection of water samples.
Facility	Category	Findings
1083002-003 - Well #3	Source	At the time of inspection, the casing vent for Well #3 was too low. The Well vent must be a minimum of 24 inches above the ground, screened with a 24 mesh corrosion resistant screen and facing downward.
Facility	Category	Findings
1083002-001-005 - Wells #1-5	Source	At the time of inspection, Wells #1-5 showed noticeable signs of flaking paint. Please clean and repaint the wells to resist any further deterioration that could lead to potential sources of contamination. See attachment 6.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

Facility	Category	Findings
Management	Other	Develop and implement a written inspection program for the storage tanks. For steel tanks, AWWA M42 recommends the interval for periodic inspections of the tank interior should be three to five years. It is advisable to wash out the tank at the time of inspection.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

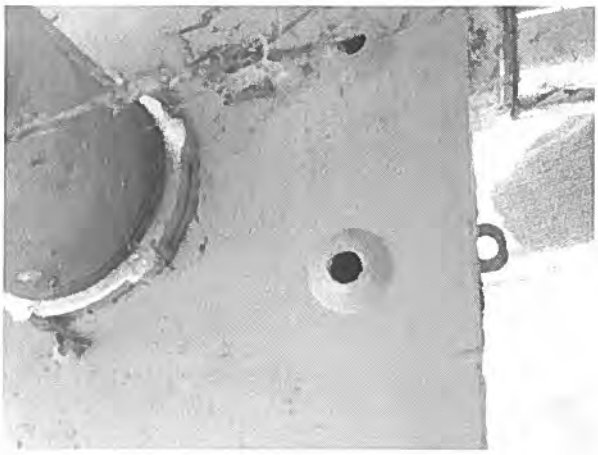
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7246 or by email at Rory.Dobbs@LA.Gov.

Respectfully,

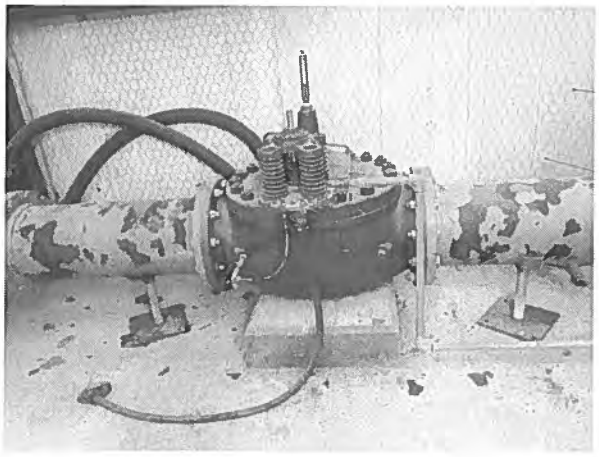
Rory Dobbs,
Engineer Intern II
LDH/OPH Engineering Services
Region VIII – Monroe

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments:



Attachment 1: Unsealed electrical box.



Attachment 2: Altitude valve in need of repainting.



Attachment 3: Elevated Tank #3 overflow.



Attachment 4: Ground Storage Tank overflow.



Attachment 5: Ground Storage Tank fill pipe.



Attachment 6: Well in need of cleaning and painting.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL: **7018 0680 0001 2497 7804**

April 30, 2019

Richard King
East Richland WW District
1032 Highway 80
Delhi, LA 71232

Re: Class I Sanitary Survey
East Richland WW District Public Water System
PWS ID LA1083003
Richland Parish

Dear Mr. King:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 29, 2019 sanitary survey inspection of the public water supply system for EAST RICHLAND WW DISTRICT (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Carol Justus	LDH/OPH Engineering Region 8
Scott Green	LDH/OPH Engineering Region 8
Sean Sikes	Warden & East Richland Water Systems

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/26/2014	10/01/2014	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: At the time of the inspection, it was noted that it appears what was previously understood as the East Richland Waterworks District is made up of several master meters with water being provided by the Town of Delhi to several unconnected distribution systems. If this is correct, a TCR monitoring plan and sampling locations will be required for each of the newly identified water systems. It would appear there are master meters located at the following addresses: Hwy 17 & Cook Road; Hwy 80 on RR Track spur that enters SAPA Aluminum Mill; Hwy 17 & Hwy 854; Hwy 17 & Bois D Arc Lane; Hwy 17 & Collins Road; Hwy 17 & Mallard Point; Hwy 17 & Poverty Point Parkway (South Entrance); Hwy 17 - North Marina of Poverty Point; Hwy 17 & Poverty Point Parkway (North Entrance); and Hwy 17 & Coves Creek Road. Please simply list how many customers are served by each meter and if more than one meter connects to a distribution system.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was noted that the system did not have the equipment necessary to validate their colorimeter. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Carol Justus, RS
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7354.

Respectfully,

Carol Justus

Carol Justus, RS

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL:
7018 0680 0001 2492 3436
February 22, 2019

RECEIVED
AUG 21 2019
ENGINEERING SERVICES

Hon. Harry Lewis, Mayor
RAYVILLE WATER SYSTEM
P O Box 878
Rayville, LA 71269

Re: Class I Sanitary Survey
RAYVILLE WATER SYSTEM Public Water System
PWS ID LA1083006
RICHLAND Parish

Dear Mayor Lewis:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 11, 2019 sanitary survey inspection of the public water supply system for RAYVILLE WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
David Standifer	Town Of Rayville
Lance Dorsey	Town Of Rayville
Jim Steele	Cenla Environmental Science
Penny Welch	Cenla Environmental Science
Anthony Harper	Cenla Environmental Science
Ashley Mandolfo	Cenla Environmental Science

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/26/2016	03/03/2016	Formal Enforcement	Minor	Finished Water Storage	EL001-ELEVATED STORAGE TANK
Comments: At the time of inspection the tank's paint was showing build up of mildew. Please have the tank cleaned and painted to prevent corrosion. 40 CFR 141.403 and LAC 51:XII.337.D - Paints or other materials used in the coating of the interior of cisterns, tanks, or other containers in which potable water is processed or stored shall be nontoxic to humans and shall be of such composition that the palatability of the water stored or processed shall not be adversely affected. The "Standard for Painting Steel Water Storage Tanks" published by the American Water Works Association shall be complied with. Determination of acceptability of coatings for potable water applications by the U.S. Environmental Protection Agency may be considered evidence of compliance with this Subsection.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of the inspection, it was noted the support stand for the brine feed to the water softeners had significant rust and needs to be replaced. Replace the support stand for the brine feed to the water softeners.
FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of the inspection, it was noted the water softeners were not functioning as they were originally designed. Repair the water softeners where they are functioning as they were designed.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the inspection, it was noted the Town of Rayville had adopted a Cross Connection Control Program, however the program had not yet been fully implemented. Implement the Cross Connection Control Program.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE TANK	Finished Water Storage	At the time of the inspection, a hole was noted on the northern side of the tank where the old inlet was sealed off which could allow possible contamination to enter the ground storage tank. Seal the area to prevented potential contamination from entering the tank.
FACILITY	CATEGORY	FINDINGS
1083006-002 - WELL #2	Source	At the time of the inspection, it was noted that well 2 lacked a raw water sample tap. Install a sample tap with a smooth nozzle and orient it upstream of the well discharge line check valve and with the nozzle installed in a downward direction.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of the inspection, it was noted that the system did not have the equipment necessary to validate the colorimeter for the system. Colorimeter should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for the low and high range readings (designed for the device) and validate the colorimeter according to the manufacturer's recommended procedure. The validation date, time, colorimeter model/SN and corrective actions taken when deviations of +/- 10 percent or more occur should be documented in a log that is kept by the system. Please notify this office when a validation tool is acquired.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the inspection, it was noted the MRT -007 located at Cottonland Road to have a significant leak. Repair the MRT -007 located at Cottonland Road.and McGowen Road. Also the town lacks a proper Point of Entry (POE). Install a POE on the transmission line between the point where the outfall piping of the elevated storage tank begins and before the connection to the distribution system.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED STORAGE TANK	Finished Water Storage	At the time of the inspection, significant rust was noted on the interior water piping. Have the paint on the tank evaluated by a tank painter and take appropriate action.
FACILITY	CATEGORY	FINDINGS
TP001 - WELLS 1, 2, 3 & 5	Treatment	At the time of the inspection it was noted the chlorine vent hose was not screened. Install a screen at the chlorine vent hose,
FACILITY	CATEGORY	FINDINGS
1083006-002 - WELL #2	Source	It was noted the well house for well 2 was in poor repair. Replace the well house at well 2 with a new structure.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
02/07/2019	0.082 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
02/07/2019	0.131 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
02/07/2019	0.072 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
11/05/2018	68 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
11/05/2018	89 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
11/05/2018	142 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
08/16/2018	89 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
08/16/2018	144 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
08/16/2018	64 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018

05/09/2018	138 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
05/09/2018	88 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: WELL #2

Category: Source

Attachment Comments: Well 2 lacks a raw water sample tap.



Attachment #2

Severity: Significant

Facility ID: GROUND STORAGE TANK

Category: Finished Water Storage

Attachment Comments: The piping is not completely sealed around the entry point to the ground storage tank.



Attachment #4

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments:



Attachment #5

Severity: Significant

Category: Other

Attachment Comments: Support stand for brine feed is corroded and needs to be replaced.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7016 1370 0000 8452 3832** – Return Receipt Requested

February 20, 2019

Elliot Colvin
Start Water System
P O Box 425
Start, LA 71279

Re: Class I Sanitary Survey
Start Water System Public Water System
PWS ID LA1083007
Richland Parish

Dear Mr. Colvin:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 14, 2019 sanitary survey inspection of the public water supply system for Start Water System (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tyler Lollis	LDH/OPH Engineering Services Region 8
Larry Allen	Start Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	During review of the water system records, it was discovered that the water system had not adopted and was not enforcing a Cross Connection Control Program (CCCP). The water system must adopt a formal Cross Connection Control Program. An up-to-date customer listing must be compiled showing the critical customers within the distribution system. All commercial customers should be assessed for proper backflow prevention devices. It is the responsibility of the water system to ensure all customers, residential and commercial, with auxiliary water, such as ponds, pools, fountains, animal watering troughs, etc., are properly filling these vessels using an air gap or an approved backflow prevention device. Customers must be given notification of their obligations as part of the water systems working CCCP. All correspondence and required annual testing must be kept on file by the water system for review during sanitary surveys and inspections by LDH. Please provide a written statement to the Region 8 Office to include actions that will be taken by the water system to adopt and enforce the CCCP as a requirement, create an up-to-date list of critical customers, and document current annual test reports for all customers required to maintain backflow preventers. Please feel free to contact this office for assistance with this item. There are also resources for these programs available on the LDH website at http://ldh.la.gov/index.cfm/page/549/n/281 under "Backflow Prevention."

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED #1	Finished Water Storage	The overflow for Elevated Tank #1 terminated high above the ground near the water reservoir and it was unclear if the overflow was screened due to the height. The overflow must be brought down to an elevated between 12 and 24 inches above ground surface, discharge over a drainage structure or splash pad, and be screened by a 4 mesh, corrosion resistant screen.
FACILITY	CATEGORY	FINDINGS
EL002 - ELEVATED #2	Finished Water Storage	The overflow for Elevated Tank #2 terminated high above the ground near the water reservoir and it was unclear if the overflow was screened due to the height. The overflow must be brought down to an elevated between 12 and 24 inches above ground surface, discharge over a drainage structure or splash pad, and be screened by a 4 mesh, corrosion resistant screen.

FACILITY	CATEGORY	FINDINGS
EL003 - ELEVATED #3	Finished Water Storage	There is a small portion of erosion occurring near the central concrete support of Elevated Tank #3. The concrete pad provides structural support for the elevated tank and must be supported firmly on all sides by soil. Fill the eroded section back in to grade standing water away and prevent tank integrity issues in the future. (See Attachment #1) Elevated Tank #3 did not have a properly working pressure gauge. Install a pressure gauge on the Elevated Tank #3 tap.
FACILITY	CATEGORY	FINDINGS
1083007-001 - WELL #1	Source	The paint on the Well #1 casing and discharge piping showed signs of corrosion, flaking, and rust. The well must be painted to protect the pipe from damage, pitting, and weather to prevent against the entrance of contamination. (See Attachment #2) Well #1 was not equipped with a flow meter. Install a means of measuring flow for Well #1.
FACILITY	CATEGORY	FINDINGS
1083007-002 - WELL #2	Source	The paint on the Well #2 casing and discharge piping showed signs of corrosion, flaking, and rust. The well must be painted to protect the pipe from damage, pitting, and weather to prevent against the entrance of contamination. (See Attachment #3) Well #2 was not equipped with a properly working pressure gauge or flow meter. Install a pressure gauge and a means of measuring flow for Well #2.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	There is a large tree just outside of the fence near the TP001 site. If the tree fell during a storm or weather event, it might damage the chlorine building or orthophosphate storage and cause a preventable disaster. The water system should consider cutting the tree down if possible or at least cut back the large limbs that hang over the fence-line. (See Attachment #4)
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	It was noted during the sanitary survey that the water system did not keep a customer complaint log. Effective August 1, 2018, community water systems are required by Act 292 to establish and maintain records of customer complaints. The aspects of the log include time and date of the complaint, location, the name of the customer or user, a brief description, and the corrective actions implemented to resolve the complaint. These records must be maintained by the water system for a minimum of 5 years and must be made available for review by LDH upon request. These records can be vital to identify problem areas in your distribution system. They can also support efforts to seek funding for various issues that may plague the water system. Please send our office a copy of the Start Water System complaint log form once it is finalized. Feel free to contact this Office for assistance with the form.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was noted that the system did not have the equipment necessary to validate their colorimeter. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired.
FACILITY	CATEGORY	FINDINGS
VFD – WELL #1 & #2	Source	This office recommends installing an air conditioning unit in the building where the Variable Frequency Drive control panels are housed to prevent the electrical controls from overheating.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Tyler Lollis,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1803097-002	Routine	6/11/2018		1.590	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7210.

Respectfully,

Tyler Lollis

Tyler Lollis, E.I.
Region 8 – Monroe
LDH/OPH Engineering Services

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering Services
File

Attachments



Attachment #1 – Erosion at Elevated Tank #3 Base



Attachment #2 – Well #1 Corroded Paint



Attachment #3 – Well #2 Paint Corroded



Attachment #4 – Tree Near Chlorine Building at TP001

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2497 7798

April 30, 2019

Tommy Carr
WARDEN WATER SYSTEM
1032 Hwy 80
Delhi, LA 71232

Re: Class I Sanitary Survey
WARDEN WATER SYSTEM Public Water System
PWS ID LA1083011
RICHLAND Parish

Dear Mr. Carr:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 29, 2019 sanitary survey inspection of the public water supply system for WARDEN WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Scott Green	LDH OPH Engineering Region 8
Carol Justus	LDH OPH Engineering Region 8
Sean Sikes	Warden & East Richland WS's

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was noted that the system did not have the equipment necessary to validate their colorimeter. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Scott Green,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
08/16/2018	85 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
05/09/2018	84 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Scott Green, R.S.

Scott Green, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health
CERTIFIED MAIL: **7018 0680 0001 2492 3443**

March 11, 2019

Mr. Marlin Jordan, President
ARCHIBALD WATER SYSTEM
P O Box 27
Archibald, LA 71218

Re: Class I Sanitary Survey
ARCHIBALD WATER SYSTEM Public Water System
PWS ID LA1083012
RICHLAND Parish

Dear Mr. Jordan:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 28, 2019 sanitary survey inspection of the public water supply system for ARCHIBALD WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Stephen K Ray	OPH Region VIII Engineering
Richard Griffin	Archibald Water System
Elaine Mckay	Archibald Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/29/2016	04/11/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-ELEVATED LA-856
Comments: At the time of inspection the over flow terminated at the bottom of the bowl of the elevated tank. Please have the overflow extended down to terminate between 12 and 24 inches from the ground surface. Also provide a four mesh non-corrodible screen to prevent the entrance of contaminants.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of the inspection, it was noted the elevated storage tank located in the Sugar Hill Subdivision was rusting all over the tank. Have the tank inspected, evaluated and take appropriate action.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the inspection, it was noted the Archibald Water System had adopted a cross connection control program. However, the program was not being enforced. Enforce the cross connection control program.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was noted that the system did not have the equipment necessary to validate the colorimeter for the system. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northeast Region VIII
Attn: Stephen K Ray, R.S.
P O Box 6118
Monroe LA 71201-6118

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
122	08/03/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2018 - 07/31/2018

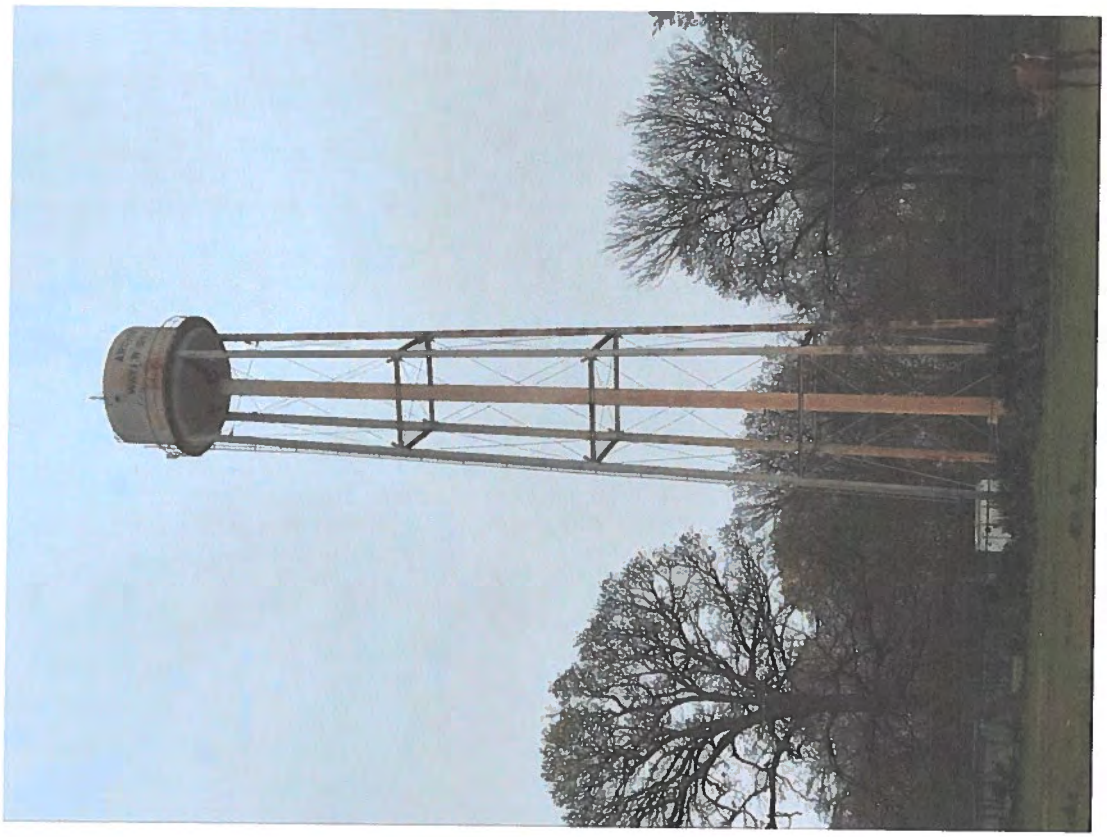
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Other

Attachment Comments: Rust occurring at the Sugar Hill Subdivision Elevated Tank



Attachment #2

Severity: Significant

Category: Other

Attachment Comments: Closeup of rust occurring at the Sugar Hill Subdivision Elevated Tank

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 0680 0001 2490 8433** – Return Receipt Requested

August 5, 2019

Alex Williams
Utilities Inc. of Louisiana
201 Holiday Boulevard, Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
Richland Heights Subd Public Water System
PWS ID LA1083015
Richland Parish

Dear Mr. Williams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 1, 2019 sanitary survey inspection of the public water supply system for Richland Heights Subd. Water System (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tyler Lollis	LDH/OPH Engineering Services Region VIII
William Paul Mckenney	Utilities Inc. of Louisiana

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/18/2016	11/28/2016	Sanitary Survey, Finished	Minor	Source	1083015-001-WELL #1, BRANCH CROSSING RD.
Comments: At the time of the inspection, it was noted the apron surrounding the well casing had cracks. Patch the cracks in the concrete apron or pour a new concrete apron.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
08/23/2013	09/09/2013	Sanitary Survey, Finished	Minor	System Management and Operation	Management
Comments: At the time of inspection, the system's supply consisted of a solitary well. The system is to make provision for a secondary source capable of suppling the system with the existing well out of service.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1083015-001 - WELL #1, BRANCH CROSSING RD.	Source	The community water supply only has one active groundwater well as a source. A minimum of two approved and active groundwater wells (or if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless an LDH-approved annual public notice is provided to customers. The total developed groundwater source capacity, unless otherwise specified by the reviewing authority, shall equal or exceed the design maximum day demand with the largest producing well out of service. All water sources and treatment processes must be approved by LDH.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TP WELL # 1, BRANCH CROSSING RD	Treatment	For sodium hypochlorite chemical feed systems, calibration tubes or mass flow monitors which allow for direct physical checking of actual feed rates must be fitted. Install a calibration tube or mass flow monitor within the sodium hypochlorite feed system.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and

include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - TP WELL # 1, BRANCH CROSSING RD	Treatment	At the time of inspection, the sodium hypochlorite day tank was filled to the 14.5-gallon mark, and the operator indicated that the water system uses approximately 3 gallons a month on average. Day tanks should hold no more than a 30-hour supply of chemical.
FACILITY	CATEGORY	FINDINGS
HD001	Finished Water Storage	During inspection of the hydro-pneumatic storage tank, it was noted that the tank was installed in 2015. For steel tanks, AWWA M42 recommends the maximum interval for periodic inspections of the tank interior should normally be three to five years. It is usually advisable to wash out the tank at the time of inspection.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Tyler Lollis,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7210.

Respectfully,

Tyler Lollis

Tyler Lollis, E.I.
Region 8 – Monroe
LDH/OPH Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH/OPH Engineering Services
File

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL:70181930000085540659

January 18, 2019

Susan Slay
FISHER WATER SYSTEM
P.O. Box 7
Fisher, LA 71426

Re: Class I Sanitary Survey
FISHER WATER SYSTEM Public Water System
PWS ID LA1085009
SABINE Parish

Dear Mayor Slay:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 16, 2019 sanitary survey inspection of the public water supply system for FISHER WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Danny Mortimer	OPH Region VII Engineering
Jeremy Koss	Many Water Treatment Plant

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The system currently has 3 working coliform testing taps and the POE site is not acceptable for sample collection or chlorine monitoring. At least 5 suitable sample taps must be provided in the distribution system for total coliform monitoring. To facilitate proper sample collection, there must be at least 12 inches of clearance below the nozzle of the tap(s). Also a new POE tap must be installed after all sotrage and treatment but be for the first customer. The tap cannot be located on a storage facility.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	No formal cross connection control plan was available. The water system must create and implement a cross connection control plan. Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT FISHER CEM RD OFF HWY 171	Treatment	The vent fan is installed near the top of the chlorine building. The fan needs to be moved near the floor of the chlorine building. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1085009-002 - WELL #2	Source	Well #2 does not have a means of measuring flow. The system needs to install a working flow meter.
FACILITY	CATEGORY	FINDINGS
1085009-003 - WELL #3	Source	Well #3 does not have a means of measuring flow. The system needs to install a working flow meter.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT FISHER CEM RD OFF HWY 171	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized **See Attachment #2**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Danny Mortimer, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
7004610	05/03/2018	LEAD CONSUMER NOTICE (LCR)	01/01/2015 - 12/31/2017

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7432.

Respectfully,

Danny Mortimer
District 4 Sanitarian
OPH District 4 Engineering
318-676-7432

cc: Amanda Laughlin, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

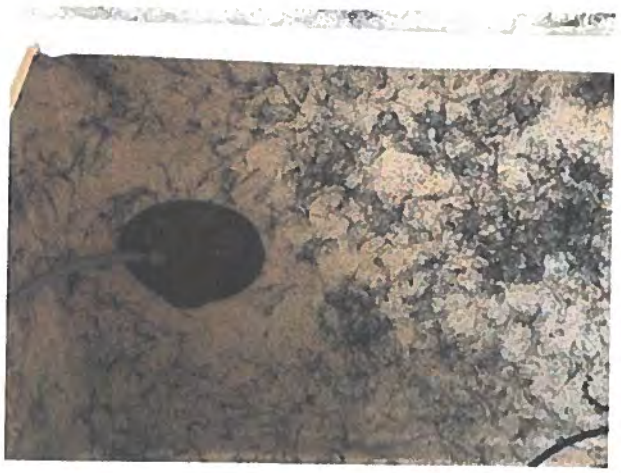
Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1
Severity: Minor
Facility ID: MAIN PLANT FISHER CEM RD OFF HWY 171
Category: Treatment
Attachment Comments: A. #1 - Vent Fan Location



Attachment #2
Severity: Recommendations
Facility ID: MAIN PLANT FISHER CEM RD OFF HWY 171
Category: Treatment
Attachment Comments: A. #2 - Missing Scales

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 1830 0000 9275 0744 – Return Receipt Requested

June 25, 2019

Kenneth Freeman
CITY of MANY WATER SYSTEM
P.O. Box 1330
Many, LA 71449-1330

Re: Class I Sanitary Survey
CITY of MANY WATER SYSTEM Public Water System
PWS ID LA1085016
SABINE Parish

Dear Mr. Freeman:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 17, 2019 sanitary survey inspection of the public water supply system for CITY of MANY WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
James Soileau III	LDH-OPH Engineering Services
Hannah Beatty	LDH-OPH Engineering Services
Jeremy Koss	Many Water Treatment Plant
Andrea Payton	LDH-OPH Engineering Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	Soil is eroded in the area between near the ladder at the clearwell. The hole must be filled with dirt and graded to drain away from the well to prevent ponding of water and further erosion near the facilities. **See Attachment #23**
FACILITY	CATEGORY	FINDINGS
Management	Security	All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked. The fencing at the Patrick Lane Station was damaged and shall be repaired to prevent unauthorized access to the water system. The clearwell ladder was not secured to prevent unauthorized access to the top of the storage tank. A ladder guard shall be added, or the ladder shall be removed 6 feet off of the ground. **See Attachment #6 and #5**
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	Dedicated Standby power shall be provided by any community water supply and any non-community water supply serving a hospital so that water may be treated and/or pumped to the distribution system during outages to meet the average daily demand during the month of maximum water use. To ensure continuous service when the primary power has been interrupted, a standby power supply shall be provided through connection to at least two independent public power sources, or portable or in-place auxiliary power The generator at the Patrick Lane Station was not in working order at the time of the inspection. The generator shall be repaired.
FACILITY	CATEGORY	FINDINGS
GR002 - GST #2, ANDRIES STREET (EAST WELL)	Finished Water Storage	Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures. The level control gauge was no longer in use and shall be capped and abandoned to prevent the entrance of contaminants into the storage tank. The tanks outer painting seemed to be extremely deteriorated and shall be cleaned and repainted so as to prevent the entrance of harmful contaminants into the storage tank. **See Attachment #11, #8, #10 and #9**
FACILITY	CATEGORY	FINDINGS
GR004 - GST #4 - ANDRIES STREET (WEST TANK)	Finished Water Storage	Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures. The overflow piping was equipped with a flapper valve but did not have a 24-mesh screen installed underneath. A screen shall be

		installed. **See Attachment #7**
FACILITY	CATEGORY	FINDINGS
GR003 - GST #3, HWY 6	Finished Water Storage	The overflow piping did not have a mesh screen behind the flapper valve. A screen shall be added to prevent the entrance of contamination into the ground storage tank. Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures.
FACILITY	CATEGORY	FINDINGS
EL003 - EST #3 - HWY 6 & MIDDLE CREEK ROAD	Finished Water Storage	The screen on the overflow for the elevated tank was torn at the time of the inspection. The screen shall be replaced. Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures. **See Attachment #22**
FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER PLANT	Treatment	The feeder pumps in the pipe gallery and the chlorine dioxide room were not secured and could be knocked off, disrupting continuous dosing of chemicals. The pumps shall be secured to a surface to prevent the disruption of chemical dosing. General equipment design shall be such that feeders will be able to supply, at all times, the necessary amounts of chemicals at an accurate rate throughout the range of feed. **See Attachment #2 and #1**
FACILITY	CATEGORY	FINDINGS
1085016-003 - WELL #2, PATRICK PLACE (NORTH)	Source	There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. Nearly half of the well slab is covered by dirt, which makes the quality of the well slab unknown. There were holes in the back of the electrical box, and the well casing was not flush with the well cap and one could see directly into the well. The well slab shall be cleared of all dirt, the holes in the back of the electrical box shall be filled, and the well casing shall be made flush with the well cap. **See Attachment #14, #13 and #15**

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR002 - GST #2, ANDRIES STREET (EAST WELL)	Finished Water Storage	The overflow for a ground- level storage reservoir shall open downward and be screened with twenty-four mesh non-corrodible screen. The screen shall be installed within the overflow pipe at a location least susceptible to damage by vandalism. If a flapper valve is used, a screen shall be provided inside the valve. There

		seemed to be 3 separate overflows on the ground storage tank at the time of the inspection. Each overflow terminated at the top of the storage tank. The overflows shall be brought down to an elevation 12-24 inches off the ground and shall discharge over a splash pad. The overflows shall be equipped with a 24-mesh screen to protect against contamination.
FACILITY	CATEGORY	FINDINGS
EL002 - EST #2 - HWY 6 & HIGHLAND AVENUE	Finished Water Storage	The overflow for the elevated tank terminated at the top of the elevated tank. All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. A 4-mesh screen shall be added to the overflow as well. **See Attachment #21**
FACILITY	CATEGORY	FINDINGS
TP002 - PATRICK LANE STATION	Treatment	General equipment design shall be such that chemicals that are incompatible are not stored or handled together. The chlorine and ammonia were being stored in the same room. Chlorine and ammonia must be stored in separate locations, and shall be separated. **See Attachment #18**
FACILITY	CATEGORY	FINDINGS
TP002 - PATRICK LANE STATION	Treatment	Liquid chemical storage tanks must have a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge. There was no secondary containment for the ammonia on site. Secondary containment shall be provided.
FACILITY	CATEGORY	FINDINGS
TP003 - NATCHITOCHES HWY STATION	Treatment	The fan and the light in the chlorine room were not working at the time of the inspection. The fan and light shall be replaced.
FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER PLANT	Treatment	There was no secondary containment for the ammonia at the surface water treatment plant. Secondary containment shall be provided. Liquid chemical storage tanks must have a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge.
FACILITY	CATEGORY	FINDINGS
1085016-002 - WELL #1, PATRICK PLACE (SOUTH)	Source	The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained. The pressure gauge was not in working order at the time of the inspection. The pressure gauge shall be replaced. **See Attachment #17**
FACILITY	CATEGORY	FINDINGS
1085016-005 - WELL #4 - 1208 ANDRIES ST	Source	The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained. There was no pressure gauge on the discharge piping at the time of the inspection. A pressure gauge shall be added.
FACILITY	CATEGORY	FINDINGS
1085016-004 - WELL #3, HWY 6	Source	The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring

EAST		flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained. There was no pressure gauge on the discharge piping at the time of the inspection. A pressure gauge shall be added.
FACILITY	CATEGORY	FINDINGS
1085016-003 - WELL #2, PATRICK PLACE (NORTH)	Source	The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained. There was not a working flow meter on the discharge piping at the time of the inspection. A working flow meter shall be added.
FACILITY	CATEGORY	FINDINGS
1085016-002 - WELL #1, PATRICK PLACE (SOUTH)	Source	The discharge piping shall be protected against the entrance of contamination. The well discharge piping is showing signs of algae growth, and the air release valve is showing signs of corrosion. The well discharge piping and air release valve must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. The air relief valve is leaking. The air relief valve needs to be repaired or replaced to eliminate the potential for contamination from the questionable quality water being retained in the air relief valve after start up. **See Attachment #16**
FACILITY	CATEGORY	FINDINGS
1085016-003 - WELL #2, PATRICK PLACE (NORTH)	Source	The discharge piping shall be protected against the entrance of contamination. The well discharge piping is showing signs of corrosion. The well discharge piping must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. **See Attachment #12**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The vegetation at the Andres Well Site and the HWY 6 Site was overgrown. The tree limbs should be cut back and maintained on an appropriate schedule. **See Attachment #20**
FACILITY	CATEGORY	FINDINGS
1085016-001 - TOLEDO BEND INTAKE	Source	Design of intake structures shall provide for withdrawal of water from more than one level if quality varies with depth. The intake structure only had 1 level with which to pull raw water from. The ability to pull water from multiple levels in the raw water reservoir should be added.
FACILITY	CATEGORY	FINDINGS
TP002 - PATRICK LANE STATION	Treatment	The chlorine cylinders on site were chained together in a group. Chlorine cylinders should be individually chained to prevent upset. **See Attachment #19**
FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER PLANT	Treatment	There were no weighing scales available for the 1-ton chlorine cylinders at the surface water treatment plant. Weighing scales should be provided for weighing cylinders at all plants utilizing chlorine gas.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: James Soileau III, E.I.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-5422.

Respectfully,

James Soileau

James Soileau III, E.I.
Region 7 Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Significant

Facility ID: SURFACE WATER PLANT

Category: Treatment

Attachment Comments: Pumps are not secured.

Office of Public Health ▪ Northwest Region VII
1525 Fairfield Avenue, Room 569 ▪ Shreveport, Louisiana 71101
Phone #: 318-676-7470 ▪ Fax #: 318-676-5170 ▪ www.ldh.la.gov
"An Equal Opportunity Employer"



Attachment #2

Severity: Significant

Facility ID: SURFACE WATER PLANT

Category: Treatment

Attachment Comments: Pumps are not secured.



Attachment #5

Severity: Significant

Category: Security

Attachment Comments: Ladder is not secured to prevent unauthorized access.

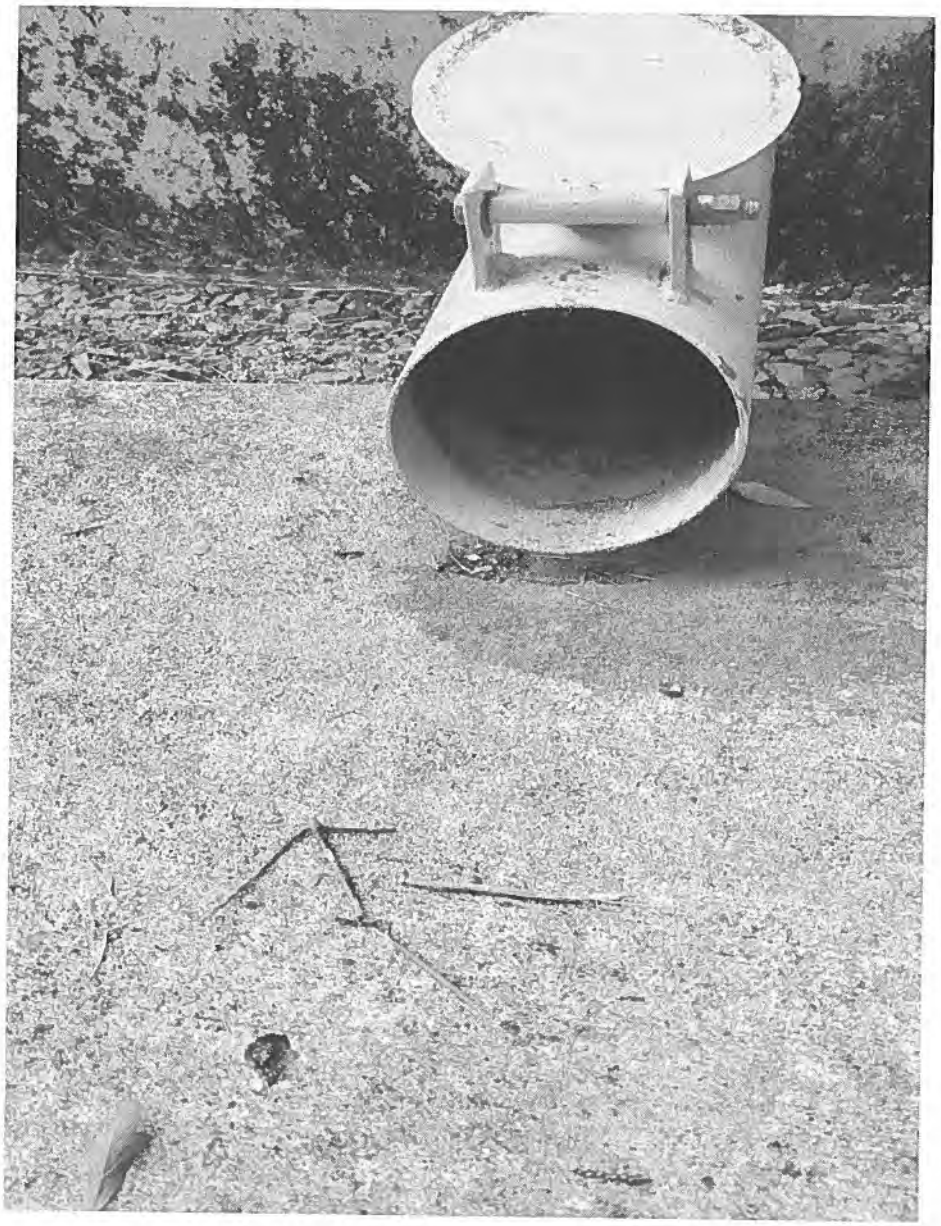


Attachment #6

Severity: Significant

Category: Security

Attachment Comments: Fence is broken.



Attachment #7

Severity: Significant

Facility ID: GST #4 - ANDRIES STREET (WEST TANK)

Category: Finished Water Storage

Attachment Comments: No screen installed on overflow.



Attachment #8

Severity: Significant

Facility ID: GST #2, ANDRIES STREET (EAST WELL)

Category: Finished Water Storage

Attachment Comments: Overflow terminates at the top of the ground storage tank, and the paint on the storage tank is in poor condition.



Attachment #9

Severity: Significant

Facility ID: GST #2, ANDRIES STREET (EAST WELL)

Category: Finished Water Storage

Attachment Comments: Overflow terminates at the top of the ground storage tank, and the paint on the storage tank is in poor condition.



Attachment #10

Severity: Significant

Facility ID: GST #2, ANDRIES STREET (EAST WELL)

Category: Finished Water Storage

Attachment Comments: Level gauge is not capped.



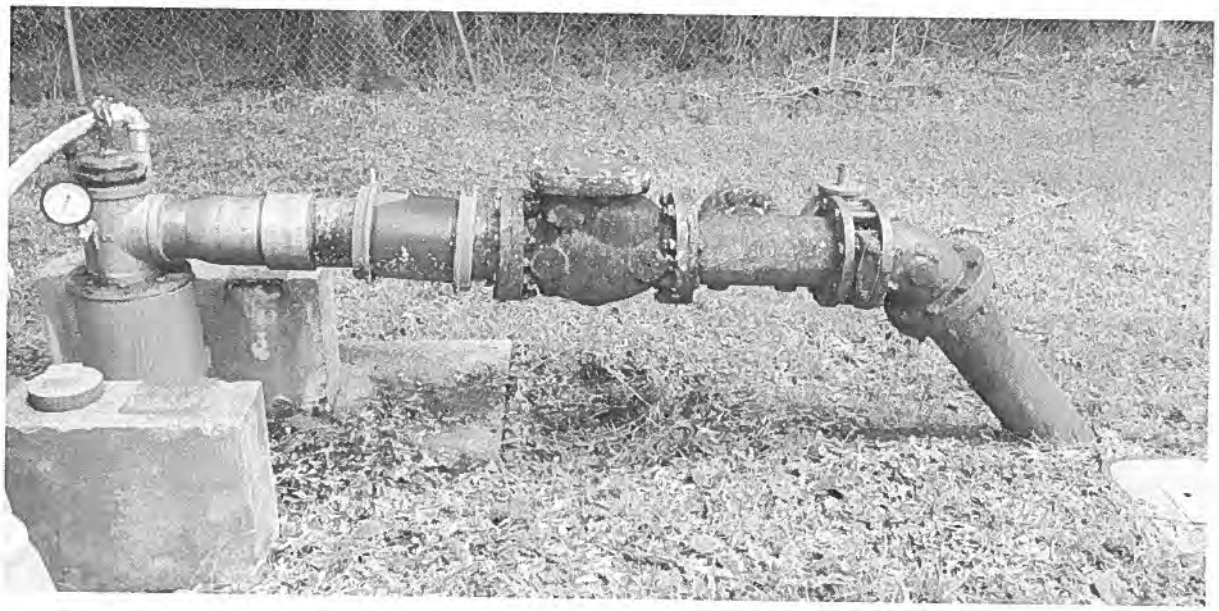
Attachment #11

Severity: Significant

Facility ID: GST #2, ANDRIES STREET (EAST WELL)

Category: Finished Water Storage

Attachment Comments: Overflow terminates at the top of the ground storage tank, and the paint on the storage tank is in poor condition.



Attachment #12

Severity: Minor

Facility ID: WELL #2, PATRICK PLACE (NORTH)

Category: Source

Attachment Comments: The discharge piping was corroded.



Attachment #13

Severity: Significant

Facility ID: WELL #2, PATRICK PLACE (NORTH)

Category: Source

Attachment Comments: Well slab was covered with dirt.



Attachment #14

Severity: Significant

Facility ID: WELL #2, PATRICK PLACE (NORTH)

Category: Source

Attachment Comments: Holes in the back of the electrical box.



Attachment #15

Severity: Significant

Facility ID: WELL #2, PATRICK PLACE (NORTH)

Category: Source

Attachment Comments: Well casing was not flush with the well cap.



Attachment #16

Severity: Minor

Facility ID: WELL #1, PATRICK PLACE (SOUTH)

Category: Source

Attachment Comments: Discharge piping was corroded and the air release valve was leaking.



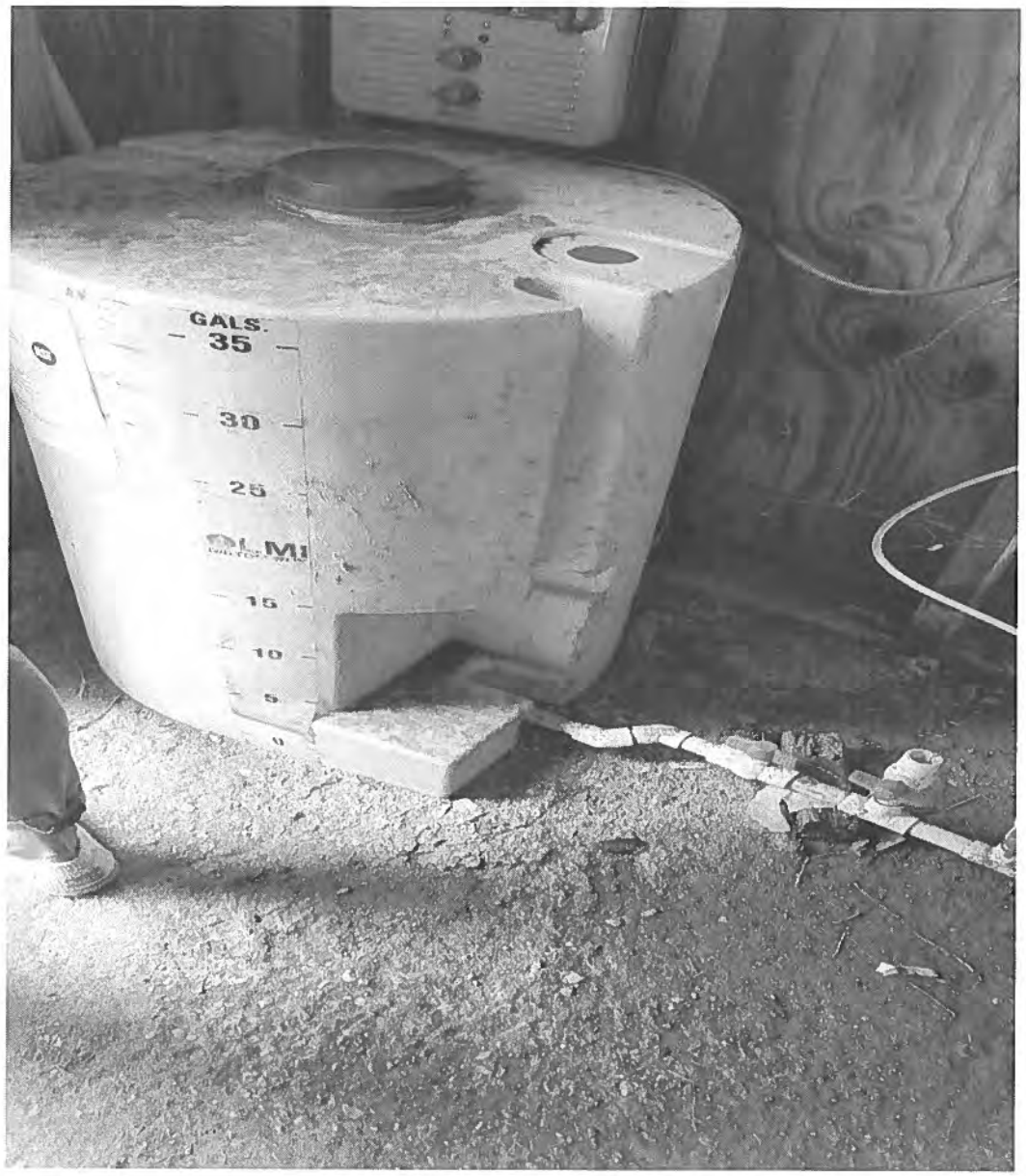
Attachment #17

Severity: Minor

Facility ID: WELL #1, PATRICK PLACE (SOUTH)

Category: Source

Attachment Comments: Pressure gauge was in poor condition.



Attachment #18

Severity: Minor

Facility ID: PATRICK LANE STATION

Category: Treatment

Attachment Comments: Ammonia was being stored in the same room as chlorine.



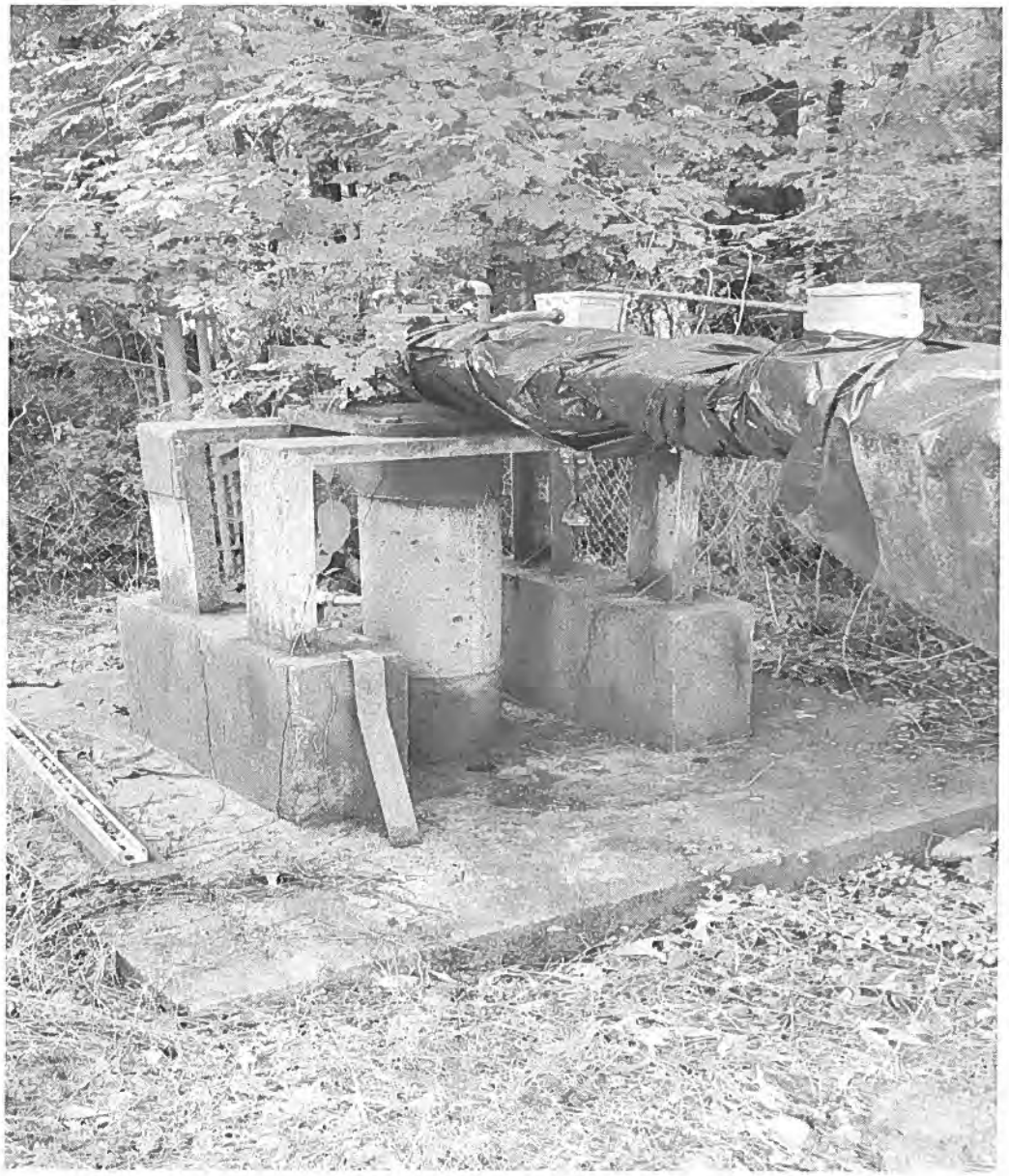
Attachment #19

Severity: Recommendations

Facility ID: PATRICK LANE STATION

Category: Treatment

Attachment Comments: Chlorine cylinders were not chained separately.



Attachment #20

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: Vegetation surrounding the well was overgrown.



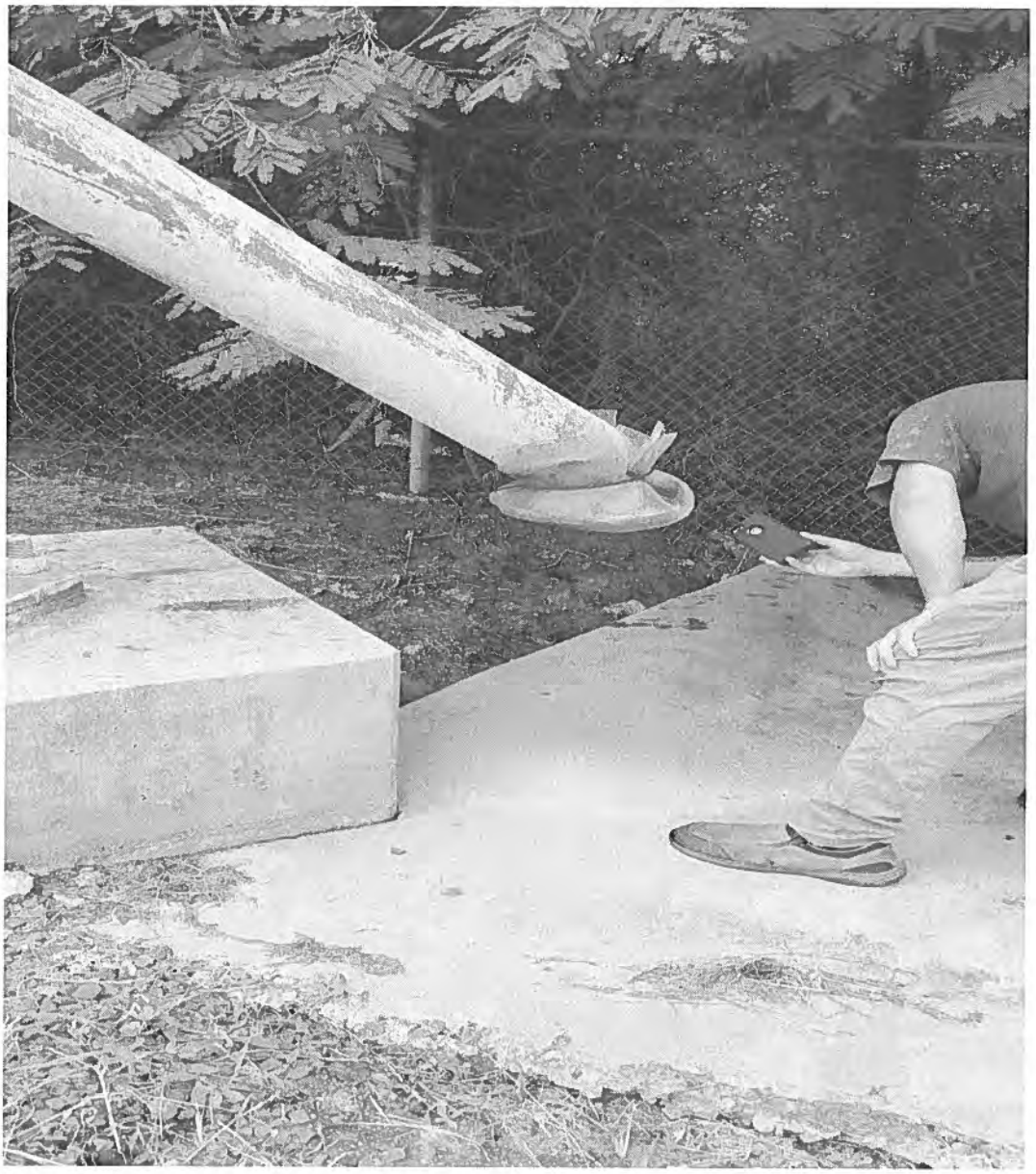
Attachment #21

Severity: Minor

Facility ID: EST #2 - HWY 6 & HIGHLAND AVENUE

Category: Finished Water Storage

Attachment Comments: Overflow piping terminated at the top of the elevated tank.



Attachment #22

Severity: Significant

Facility ID: EST #3 - HWY 6 & MIDDLE CREEK ROAD

Category: Finished Water Storage

Attachment Comments: The overflow screen was torn.



Attachment #23

Severity: Significant

Category: Other

Attachment Comments: The ground surrounding the clearwell was eroded.

Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: NOBLE WATER SYSTEM		PWS ID#: 1085017
Contact Name: JESSE SEPULVADO		Phone #: 318-645-4356
PWS Address: P.O. Box 129 NOBLE LA 71462		E-mail:
Name of Lead Assessor: DANNY MORTIMER		Date Completed: 7/17/2019
Level 2 Trigger	*E. coli* Positive: YES ☐NO X	If yes, which sample(s) from Section II?
	2nd Level 1: YES X NO ☐	Date of 1st Level 1: 11/13/2018

II. Positive Sample Information (Use page 7 to report additional positive monthly samples)

Positive Sample #1:	Sample POC#:TCR-006	Sample POC Name: Hwy 171 and Pine Rd
Sample Date: 7/8/2019	Name of Sample Collector: Randle Holaway	
Chlorine Residual: Free X Total ☐ Not Measured ☐		0.02 mg/L
Was the sample collected according to the sample siting plan?		YES X NO ☐
Was the condition of the sample tap appropriate for collection?		YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES X NO ☐

Positive Sample #2:	Sample POC#:TCR-006	Sample POC Name: Hwy 171 and Pine Rd
Sample Date: 7/11/2019	Name of Sample Collector: Randle Holaway	
Chlorine Residual: Free X Total ☐ Not Measured ☐		0.03 mg/L
Was the sample collected according to the sample siting plan?		YES X NO ☐
Was the condition of the sample tap appropriate for collection?		YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES X NO ☐

Positive Sample #3:	Sample POC#:RPDN	Sample POC Name: 180 Pine Rd
Sample Date: 7/11/2019	Name of Sample Collector: Randle Holaway	
Chlorine Residual: Free X Total ☐ Not Measured ☐		0.0 mg/L
Was the sample collected according to the sample siting plan?		YES X NO ☐
Was the condition of the sample tap appropriate for collection?		YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES X NO ☐

Positive Sample #4:	Sample POC#:RPUP	Sample POC Name: 160 Pine Rd
Sample Date: 7/11/2019	Name of Sample Collector: Randle Holaway	
Chlorine Residual: Free X Total ☐ Not Measured ☐		0.01 mg/L
Was the sample collected according to the sample siting plan?		YES X NO ☐
Was the condition of the sample tap appropriate for collection?		YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES X NO ☐

III. Assessment Questions

A. Source – Well

**If PWS does not use a well source check here and skip to subsection B* ☐

Which well sources were not used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Was a new source activated?		X		
2. Is the ground graded to prevent surface water flow towards the well?	X			
3. Does the well casing extend at least 18" above the ground?	X			
4. Is the exposed portion of the well casing in good condition?	X			
5. Does the well have a secured sanitary seal well cap?	X			
6. Is the sanitary seal well cap vented and screened?	X			
7. Is there a down turned well vent that is at least 24 inches above the ground surface?	X			
8. Are appropriate backflow prevention devices installed, maintained and tested on all cross connections?	X			
9. Does raw water quality data indicate changes to the source water quality?				X
10. Has source yield changed?				X
11. Are there obvious sources of contamination in the vicinity of the well?		X		
12. Was the well pump recently repaired or replaced?		X		
13. Are there signs of vandalism at the well?		X		
14. Have there been any unusual weather events that may have impacted the well?		X		
15. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the well?		X		

Assessor Name: Danny Mortimer District IV Sanitarian

B. Source – Surface Water

**If PWS does not use a surface water source check here and skip to subsection C* X

Which surface water sources were used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Is the surface water intake screened and maintained?				
2. Is the pump house protected from unauthorized personnel?				
3. Does raw water quality data indicate changes to the source water quality?				
4. Are there obvious sources of contamination within the nearby watershed?				
5. Are there signs of vandalism at the surface water intake?				
6. Have severe weather events such as heavy rainfall, rapid snowmelt, drought, or reservoir turnover occurred?				
7. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the source?				

Assessor Name: Danny Mortimer District IV Sanitarian

C. Treatment Processes

Questions:	YES	NO	N/A	Unk.
1. Have there been interruptions in any treatment processes?		X		
2. Has the treatment plant(s) or finished water pump(s) experienced any power interruptions?		X		
3. Has there been any recent installation or repair of treatment equipment?		X		
4. Have there been changes to any treatment processes?		X		
5. Does water quality data indicate inadequate/inappropriate treatment of water?		X		
6. Are all treatment processes operational and maintained?		X		
7. Is there an air gap between treatment instrumentation and waste lines?		X		
8. Were there any failures to meet required CT values?		X		
9. Did treatment plant flow rates exceed the permitted capacity?		X		
10. Is the PWS meeting all permit special conditions (alternative treatment technologies)?		X		
11. Did a review of the turbidity data reveal any anomalies?		X		
12. Did a review of chlorine residual data reveal any anomalies or deficiencies?	X			

Assessor Name: Danny Mortimer District IV Sanitarian

D. Distribution System

Questions:	YES	NO	N/A	Unk.
1. Have line breaks and repairs, or large firefighting events occurred?		X		
2. If samples were collected from inside a building, has there been any recent plumbing work conducted at the site?		X		
3. If samples were collected from inside a building, does the site have additional water treatment installed?		X		
4. Is there evidence that the system experienced low or negative pressure?		X		
5. Was there any scheduled flushing of the distribution system?		X		
6. Are pump stations protected from unauthorized personnel?		X		
7. Are appropriate backflow prevention devices installed, maintained, and tested on all cross connections?		X		
8. Are air relief valves maintained and operational without leaks?		X		
9. Are pump stations maintained and equipment operational?		X		
10. Are fire hydrants and blow offs maintained and operational without leaks?		X		
11. Does water quality data collected in the distribution system show results indicative of an issue?		X		
12. Have any water related customer complaints been received?		X		
13. Is there any evidence of intentional contamination in the distribution system?		x		

Assessor Name: Danny Mortimer District IV Sanitarian

E. Storage Tanks

**If no storage tank check here and skip to section IV.* ☐

Questions:	YES	NO	N/A	Unk.
1. Is the pressure tank maintaining an appropriate minimum pressure?	X			
2. Are all vents and overflow pipes screened?	X			
3. Is the tank maintained and free of rust, holes and leaks?		x		
4. Are there any unsealed openings in the storage facility such as access doors, vents or joints?		X		
5. Are signs of vandalism visible?		X		
6. Are roof hatches and manhole openings tightly covered and locked?	x			
7. Do downspouts and overflow pipes drain water away from structure?	x			
8. Have all storage tanks been inspected and cleaned within the last 5 years?	x			
9. **Were there any repair activities associated with the storage tanks?**		x		

Assessor Name: Danny Mortimer District IV Sanitarian

F. Water Quality Data Table

Parameter	Number of Each Sample Type Collected		
	Raw (0)	Entry Point (1)	Distribution (2)
Chlorine Residual (mg/L)		1.8 Free	1.5 Free
Turbidity (NTU)			
Coliform Bacteria			
Other (specify below)			

G. Issue Descriptions and Corrective Actions **(Use page 8 to report additional issues)**

** No issues were found during the assessment:* ☐

Issue Description (list section letter and #)	Corrective Action
At the time of sampling the Chlorine residual throughout the system was very low and did not meet the State mandatory minimum of 0.5 mg/L	

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

H. Verification

I hereby certify that the information contained herein is true and correct to the best of my knowledge, information and belief.

Lead Assessor's Name (print): Danny Mortimer District IV Sanitarian

Lead Assessor's Name Signature:  **Date:7/18/2019**

5/15/2019

Note - The completed form must be completed within 30 days of a public water system triggering a Level 2 Assessment.

Positive Sample #5:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #6:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #7:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #8:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #9:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL:

October 3, 2019

Randy Savoy
PEG LEG COVE WATER SYSTEM
P.O. Box 430
Scott, LA 70583

Re: Class I Sanitary Survey
PEG LEG COVE WATER SYSTEM Public Water System
PWS ID LA1085018
SABINE Parish

Dear Mr. Savoy:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 26, 2019 sanitary survey inspection of the public water supply system for PEG LEG COVE WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Yatowski Grant	LDH OPH Engineering Services
Paul Gibbs	LDH OPH Engineering Services
Randy Savoy	Howell Environmental Companies

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations - No unresolved observations were recorded in this category.

Significant Deficiencies - No observations were recorded in this category.

Deficiencies - No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Yatowski Grant,
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7867.

Respectfully,

Yatowski Grant

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 1830 0000 9275 1154**

April 24, 2019

Mayor Barbara Campbell
TOWN of PLEASANT HILL WATER SYSTEM
P.O. Box 125
Pleasant Hill, LA 71065

Re: Class I Sanitary Survey
TOWN of PLEASANT HILL WATER SYSTEM, Public Water System
PWS ID LA1085021
SABINE Parish

Dear Mayor Campbell:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 28, 2019 sanitary survey inspection of the public water supply system for PLEASANT HILL WATER SYSTEM, TOWN of (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Autumn Permenter	LDH-OPH Engineering District 4
William Charlot	LDH-OPH Engineering Services
James Monroe	LDH-OPH Engineering Services
Andrea Payton	LDH-OPH Engineering Services
Joshua Ryals	Pleasant Hill Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/25/2016	05/27/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-EST #2, TEXAS STREET
Comments: ELEVATED STORAGE TANK NEEDS TO BE CLEANED AND PAINTED.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/03/2013	06/12/2013	Sanitary Survey, Finished	Significant	Other	EL002-EST #2, TEXAS STREET
Comments: There is open area where gate/building used to stand. Area should be completely fenced to prevent entry.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/03/2013	06/12/2013	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-EST #2, TEXAS STREET
Comments: The exterior of tank shows considerable rust and wear. The tank should be cleaned and painted. Also an interior inspection is recommended.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The injector pump for the liquid ammonium sulfate is not secured and resting on the chemical container. The injector pump should be secured to prevent equipment failure and ensure continuous and proper dosing of chemical. (Refer to Figure 1)
FACILITY	CATEGORY	FINDINGS
Management	Security	The gate at the Elevated Tank (Texas Street) site is gapped allowing for possible entrance by an unauthorized person. Please make necessary adjustments to the security gate/fence to prevent unauthorized access to the facility and submit labeled photographic documentation of completed modifications. (Refer to Figure 2)
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	No formal cross connection control plan was available. The water system must create and implement a cross connection control plan. Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was noted that the system did not have the equipment necessary to validate their colorimeter. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The electrical panels and boxes at the Elevated Tank (Texas Street) are showing signs of rust and corrosion. All electrical work shall conform to the requirements of the National Electric code or to relevant state and/or local codes. Please make necessary repairs to ensure continuous electrical service and operation of the controls at the elevated tank site. (Refer to Figure 3)
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The point of entry (POE) tap was not in an approved location. The POE tap must be located such that it draws water directly from the water main to provide for samples that are most representative of the water quality being provided to customers. Please relocate or install a point of entry tap on the water main after treatment and storage, but prior to the first customer.
FACILITY	CATEGORY	FINDINGS
EL001 - EST #1, FIRST STREET	Finished Water Storage	A pipe of unknown origin in the ground at the Elevated Tank is a conduit for storm water runoff and potential contaminates from site. Pipe must be properly plugged and abandoned or removed. (Refer to Figure 4)
FACILITY	CATEGORY	FINDINGS
EL001 - EST #1, FIRST STREET	Finished Water Storage	From review the finished water storage facilities (elevated towers, ground storage tanks, and hydropneumatic tanks) should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages' interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities could benefit from an inspection.
FACILITY	CATEGORY	FINDINGS
EL002 - EST #2, TEXAS STREET	Finished Water Storage	From review the finished water storage facilities (elevated towers, ground storage tanks, and hydropneumatic tanks) should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent

		inspections to support the overall health of the finished water storages' interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities could benefit from an inspection. The tank is showing signs of rust, corrosion and flaking paint. The tank must be cleaned, treated and painted to resist further corrosion and deterioration that could lead to a potential source of contamination or failure of the tank. (Refer to Figure 5)
FACILITY	CATEGORY	FINDINGS
1085021-003 - WELL #3	Source	The screening on the air release-vacuum relief valve is damaged. The air release-vacuum relief valve must be covered with a 24 mesh corrosion resistant screen. Replace the air relief valve screen to prevent the entrance of contaminants.
FACILITY	CATEGORY	FINDINGS
1085021-003 - WELL #3	Source	The well discharge piping is showing signs of rust, corrosion and flaking paint. The well discharge piping must be cleaned, treated and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.
FACILITY	CATEGORY	FINDINGS
1085021-001 - WELL #1, FIRST STREET	Source	The wells pressure gauge is broken. The wells discharge piping must be equipped with a working pressure gauge.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT ELEVATED TANK SITE	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN	Treatment	The chlorine gas room must have separate switches for

PLANT ELEVATED TANK SITE		the fan and lights located outside of the chlorine room. Install separate switches outside of the chlorine room to control the lighting and ventilating fan.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Autumn Permenter, PE
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
4095191	01/30/2019	FAILURE ADDRESS DEFICIENCY (GWR)	

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (318) 676-7477 or Autumn.Permenter@la.gov.

Respectfully,

Autumn Permenter, P.E.
District Engineer – District IV
LDH/OPH - Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering



Figure 1 - Injector Pump for the Liquid Ammonium Sulfate



Figure 2 - Gap in Gate at the Elevated Tank (Texas Street)



Figure 3 - Rust and Corrosion on the Electrical Panels and Boxes at the Elevated Tank (Texas Street)



Figure 4 - Pipe of Unknown Origin in the Ground at the Elevated Tank (First Street)

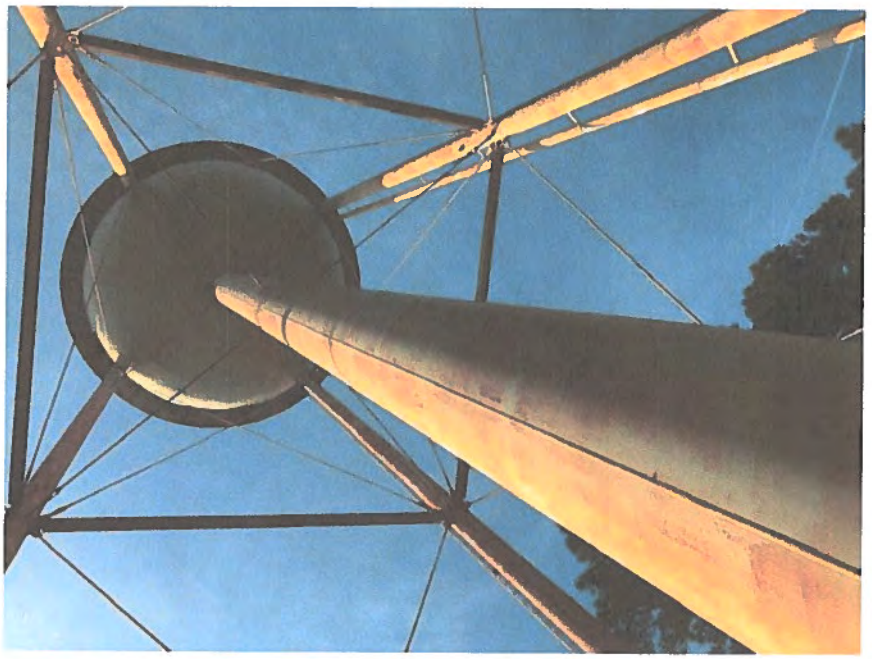


Figure 5 - Tank is Showing Signs of Rust and Corrosion

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 1830 0001 0572 2843

January 23, 2019

Mayor G. J. Martinez
Town Of Zwolle Water System
P.O. Box 1038
Zwolle, LA 71486

Re: Class I Sanitary Survey
Town of Zwolle Water System
PWS ID LA1085032
Sabine Parish

Dear Mayor Martinez:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 22, 2019 sanitary survey inspection for the Town of Zwolle Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Zahira Tieso	LDH-OPH District IV Engineering
Rayford Sims	Town of Zwolle

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1085032-001 - WELL #1	Source	There was a hole on the well #1 that allows for a pathway for contamination into the water well. The casing must be completely sealed to prevent the entrance of foreign material into the water well. **See Attachment #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TANK	Finished Water Storage	A 24 mesh screen is installed within the overflow pipe of the Elevated Tank. The screen must be replaced for with a 4 mesh, non-corrodible screen. The screen must be installed within the overflow pipe at a location least susceptible to damage by vandalism. If a flapper is used, a screen must be provided inside the valve. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TANK	Finished Water Storage	A threaded sample tap is installed at the elevated tank. The elevated tank must be equipped with a smooth-nosed sampling tap to facilitate bacteriological and chemical analyses, when needed.
FACILITY	CATEGORY	FINDINGS
1085032-005 - WELL #5	Source	The shutoff valve on well #5 discharge piping was leaking. The shutoff valve must be replaced.
FACILITY	CATEGORY	FINDINGS
1085032-007 - WELL #7	Source	The vent of well #7 was loose. The vent must be secured onto the casing and seal.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	General site cleanup is recommended at the wells field site. Remove trees and excessive vegetation on the fence. Repair the sections of the fence that have been damaged.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Zahira Tieso, P.E.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
10/25/2018	90 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
04/09/2018	89 UG/L	80 UG/L	TTHM	01/01/2018 - 03/31/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
7006832	11/07/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	10/01/2018 - 10/31/2018
7006830	10/04/2018	INADEQUATE MIN	09/01/2018 - 09/30/2018

		CHLORINE RESIDUAL(GW&SW)	
7006829	09/06/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018
7006828	08/03/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2018 - 07/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact Autumn Permenter at 318-676-7477 or Autumn.Permemter@la.gov.

Respectfully,

Zahira Tieso, P.E.
Engineer Manager
LDH/OPH Engineering Services
Northwest Region VII

cc: Amanda Laughlin, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1
Severity: Minor
Facility ID: ELEVATED TANK
Category: Finished Water Storage

Attachment Comments: Screen on the overflow pipe



Attachment #2
Severity: Significant
Facility ID: WELL #1
Category: Source
Attachment Comments: Hole on well #1 casing

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 1830 0000 9275 0720- Return Receipt Requested

June 25, 2019

G. J. Martinez
Town of Zwolle Water System
P.O. Box 1038
Zwolle, LA 71486

Re: Class 2 Follow-Up Sanitary Survey Site Visit
Town of Zwolle Water System Public Water System
PWS ID LA1085032
Sabine Parish

Dear Mr. Martinez:

The Department of Health and Hospitals would like to thank you and the site visit participants for the courtesy and assistance provided during the June 11, 2019 Follow-Up Sanitary Survey inspection of the public water supply TOWN of ZWOLLE WATER SYSTEM. These inspections are part of our program to ensure compliance with the EPA Code of Federal Regulations Title 40 Parts 141-142 and Title 51 of the Louisiana Administrative Code.

This letter provides a summary of items noted in previous sanitary surveys in addition to during this follow-up sanitary survey. If significant deficiencies have been listed on the subsequent pages you are required to correct the deficiencies and provide written documentation of your corrective actions including the date(s) resolved. You may also request additional time beyond the 60 days in writing by providing a detailed plan of corrective action that includes proposed completion dates. Failure to respond to this letter in writing within 60 days of receipt may result in Enforcement Action.

Parties Present

Name	Organization
James Soileau III	LDH-OPH Region 7
Floyd Smith	LDH District 4 Engineering
Ray Touchstone	CENLA Environmental Science

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
10/25/2018	90 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period

NOTICE OF DEFICIENCIES / NOTICE OF VIOLATIONS

Based upon review of the available records and visual examination of the facilities, the following deficiencies require your immediate attention.

Unresolved Observations – Deficiencies cited during previous site visits

Visit Date	Notify Date	Reason	Severity	Category	Facility
01/22/2019	01/23/2019	Sanitary Survey, Finished	Significant	Source	1085032-001-WELL #1
Comments: There was a hole on the well #1 that allows for a pathway for contamination into the water well. The casing must be completely sealed to prevent the entrance of foreign material into the water well.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
01/22/2019	01/23/2019	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED TANK
Comments: A threaded sample tap is installed at the elevated tank. The elevated tank must be equipped with a smooth-nosed sampling tap to facilitate bacteriological and chemical analyses, when needed.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
01/22/2019	01/23/2019	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED TANK
Comments: A 24 mesh screen is installed within the overflow pipe of the Elevated Tank. The screen must be replaced for with a 4 mesh, non-corrodible screen. The screen must be installed within the overflow pipe at a location least susceptible to damage by vandalism. If a flapper is used, a screen must be provided inside the valve.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
01/22/2019	01/23/2019	Sanitary Survey, Finished	Minor	Source	1085032-005-WELL #5
Comments: The shutoff valve on well #5 discharge piping was leaking. The shutoff valve must be replaced.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
01/22/2019	01/23/2019	Sanitary Survey, Finished	Minor	Source	1085032-007-WELL #7
Comments: The vent of well #7 was loose. The vent must be secured onto the casing and seal.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked. Due to the additional piping that is protruding from the discharging piping on well #7 as a result of the pilot study being performed, the security gate for this well was unable to be closed or locked. The piping needed for the pilot study shall be rearranged in a manner that allows for the security gate to be closed and locked.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The water system is currently permitted for the use of free chlorine but, when sampling the wells, the inspectors found consistent levels of ammonia present. The results of water quality testing, performed on-site by LDH at the time of the survey, are as follows:

Site Location	Total Ammonia Level (PPM)	Free Ammonia (PPM)	Mono-Chloramine (PPM)	Nitrite (PPM)	Free/Total Chlorine
POE-001	0.60	0.00	2.35	0.00	1.55/3.5
TCR-008	0.14	0.10	0.00	0.00	0.06/0.05
MRT-009	0.22	0.08	0.68	0.00	0.81/0.74
Well #1	0.81				
Well #2	0.81				
Well #3	0.73				
Well #4	0.81				
Well #5	0.75				
Well #6	0.79				
Well #7	0.79				

The Town of Zwolle Water System is permitted and identified in the Louisiana Monitoring Plan Portal (MPP) as a free chlorine system (secondary disinfection, in the distribution system). To operate as a free chlorine system The Town of Zwolle Water System must ensure that sufficient free chlorine is added to groundwater to carry adequate free chlorine residual throughout the distribution system.

Naturally occurring free ammonia, where present in groundwater and not fully destroyed by breakpoint chlorination, combines with free chlorine to form chloramines (measured as total chlorine).

Systems that use chloramine for disinfection need to be permitted, and listed in the MPP, as Total Chlorine.

		Based on the above results The Town of Zwolle Water System's groundwater contains naturally occurring ammonia and breakpoint chlorination is not being achieved, therefore, the system is operating as an unpermitted total chlorine (chloramine) system. The system may either: 1. Remain a free chlorine system and submit to this office a Monitoring and Control Plan (MCP) to ensure proper treatment. The MCP shall characterize the chlorine demand of the source water(s), the amount of free chlorine required to achieve proper treatment and identify monitoring to be performed to ensure proper treatment is consistently being achieved. 2. Become a monochloramine system by using and/or adding ammonia. The system shall submit to this office a MCP which requires the same as above, the chlorine demand of the source water and the amount of chlorine required to achieve proper treatment. In addition, a permit will be required for the conversion. The permit will require a chloramine test to identify the type of chloramines created in the system, a Nitrification Control Plan, dose calculations, and a public notice.
FACILITY	CATEGORY	FINDINGS
1085032-002 - WELL #2	Source	There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. The conduit was exposed and there were holes in the back of the electrical box, which could both provide a pathway for contamination into the well casing. The holes shall be sealed and the conduit shall be properly covered.
FACILITY	CATEGORY	FINDINGS
1085032-007 - WELL #7	Source	There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. The top of the well casing had gaps in the center of it, and the vent piping could be completely removed from the well casing when pulled on. The gaps in the casing shall be closed and the vent piping shall be properly connected to the well casing so that it cannot be removed.
FACILITY	CATEGORY	FINDINGS
1085032-001 - WELL #1	Source	There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. The Well slab was not completely flush with the well casing, and shall be sealed to prevent the entrance of contaminants into the well.

FACILITY	CATEGORY	FINDINGS
1085032-003 - WELL #3	Source	There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. There were holes in the back of the electrical box and the well casing was compromised. The holes shall be filled and the well casing shall be repaired to prevent the entrance of contaminants into the well.
FACILITY	CATEGORY	FINDINGS
1085032-006 - WELL #6	Source	There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. There were holes in the back of the electrical box which could provide the entrance of contaminants into the well casing. The holes shall be sealed.
FACILITY	CATEGORY	FINDINGS
1085032-005 - WELL #5	Source	There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. There were holes in the back of the electrical box, and there seemed to be an old drawdown port on the well casing that had not been properly sealed. The current drawdown gauge that was being used was severely corroded and did not have a glass screen on the front. These could provide an entrance for contaminants into the well casing. The holes shall be sealed, the old drawdown port shall be removed and sealed, and the current drawdown gauge shall be repainted and repaired, or replaced.

Minor Deficiencies

FACILITY	CATEGORY	FINDINGS
1085032-006 - WELL #6	Source	The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained. There was no check valve on the discharge piping at the time of the inspection. The flow meter for this well was not working properly. A check valve shall be added and the flow meter shall be repaired or replaced.
FACILITY	CATEGORY	FINDINGS
1085032-005 - WELL #5	Source	The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained. There was no check valve on the well and the flow meter was not working properly at the time of the inspection. A check valve shall be added and the flow meter shall be repaired or replaced.
FACILITY	CATEGORY	FINDINGS
1085032-001 - WELL	Source	The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a

#1		smooth nosed sampling tap located at a point where positive pressure is maintained. There was no check valve on the well at the time of the inspection. A check valve shall be installed.
FACILITY	CATEGORY	FINDINGS
1085032-002 - WELL #2	Source	The well discharge piping is showing signs of rust, corrosion, and flaky painting. The well discharge piping must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.
FACILITY	CATEGORY	FINDINGS
1085032-003 - WELL #3	Source	The well discharge piping is showing signs of rust, corrosion, and flaky painting. The well discharge piping must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.
FACILITY	CATEGORY	FINDINGS
1085032-005 - WELL #5	Source	The well discharge piping is showing signs of rust, corrosion, and flaky painting. The well discharge piping must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.
FACILITY	CATEGORY	FINDINGS
1085032-006 - WELL #6	Source	The well discharge piping is showing signs of rust, corrosion, and flaky painting. The well discharge piping must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.
FACILITY	CATEGORY	FINDINGS
1085032-004 - WELL #4	Source	The well discharge piping is showing signs of rust, corrosion, and flaky painting. The well discharge piping must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.
FACILITY	CATEGORY	FINDINGS
1085032-001 - WELL #1	Source	The well discharge piping is showing signs of rust, corrosion, and flaky painting. The well discharge piping must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.

The deficiencies listed in the above table titled "NOTICE OF DEFICIENCIES / NOTICE OF VIOLATIONS" must be corrected and a written response submitted to the department within 60 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the DHH-OPH Enforcement Units. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided by the Public Water System to the Surveying Office within 60 days of receipt of this letter with details regarding your corrective actions and any time extensions you may propose or you will be cited with a Treatment Technique violation which requires you to notify your consumers of the violation incurred.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

DHH/OPH Engineering Services – Northwest Region VII
Attn: James Soileau III, E.I.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-5422.

Respectfully,

James Soileau

James Soileau III, E.I.
Region 7 Engineer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7012 1010 0000 1527 5880

June 5, 2019

P. M. Woods
EBARB WWKS DIST #1 - MARSH
P.O. Box 1366
Zwolle, LA 71486

Re: Class I Sanitary Survey
EBARB WWKS DIST #1 - MARSH Public Water System
PWS ID LA1085041
SABINE Parish

Dear Mr. Woods:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 27, 2019 sanitary survey inspection of the public water supply system for EBARB WWKS DIST #1 - MARSH (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Kelly Herrick	LDH OPH Engineering Services
Ernest Marsh	Marsh's Water And Sewer Co.
Floyd Smith	LDH District 4 Engineering

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	Sample taps shall be provided so that water samples can be obtained from appropriate locations in each unit of operation of treatment, and from the finished water. Taps shall be consistent with sampling needs and shall not be of the petcock type. Taps used for obtaining samples for bacteriological analysis shall be of the smooth-nosed type without interior or exterior threads, shall not be of the mixing type, and shall not have a screen, aerator, or other such appurtenance. The point of entry sample tap is threaded.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Kelly Herrick, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1806422-001	Routine	11/8/2018		0.960	1.190

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

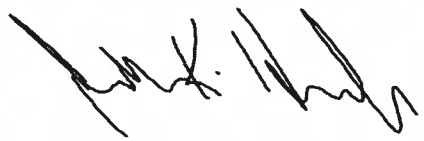
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-5179.

Respectfully,



Kelly Herrick, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 1830 0000 9275 2090**

September 10, 2019

David Rogers
UNION SPRINGS WATER SYSTEM
13 Main Street
Converse, LA 71419

Re: Class I Sanitary Survey
UNION SPRINGS WATER SYSTEM Public Water System
PWS ID LA1085044
SABINE Parish

Dear Mr. Rogers:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 9, 2019 sanitary survey inspection of the public water supply system for UNION SPRINGS WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Autumn Permenter	LDH-OPH Engineering District 4
Hannah Beatty	LDH-OPH Engineering Services
William "Bill" Preston	Union Springs Water System
Charles Sanderson	Union Springs Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	No formal cross connection control plan was available. The water system must create and implement a cross connection control plan. Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	It was noted during the sanitary survey that the water system did not keep a customer complaint log. Effective August 1, 2018, community water systems are required by Act 292 to establish and maintain records of customer complaints. The aspects of the log include time and date of the complaint, location, the name of the customer or user, a brief description, and the corrective actions implemented to resolve the complaint. These records must be maintained by the water system for a minimum of 5 years and must be made available for review by LDH upon request. These records can be vital to identify problem areas in your distribution system. They can also support efforts to seek funding for various issues that may plague the water system.
FACILITY	CATEGORY	FINDINGS
GR001 - GST #1, MAIN PLANT	Finished Water Storage	From review the finished water storage facilities (elevated towers, ground storage tanks, and) should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages' interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities could benefit from an inspection. **(Refer to Figure 1)**
FACILITY	CATEGORY	FINDINGS
GR002 - GST #2, BOOSTER STATION	Finished Water Storage	From review the finished water storage facilities (elevated towers, ground storage tanks, and) should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages' interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities

		could benefit from an inspection. **(Refer to Figure 2)**
FACILITY	CATEGORY	FINDINGS
1085044-001 - WELL #1, MAIN PLANT	Source	The well discharge piping is showing signs of rust, corrosion and flaking paint. The well discharge piping must be cleaned, treated and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. **(Refer to Figure 3)**
FACILITY	CATEGORY	FINDINGS
1085044-001 - WELL #1, MAIN PLANT	Source	The well is not equipped with a means of measuring flow. A means of measuring flow should be provided.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP002 - TP @ BOOSTER STATION	Treatment	Full and empty cylinders of chlorine gas should be stored in areas not in direct sunlight or exposed to excessive heat.
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT REC SITE 4 RD	Treatment	The chlorine feed room is not equipped with an inspection window. A shatter resistant inspection window is recommended where chlorine gas is fed.
FACILITY	CATEGORY	FINDINGS
TP002 - TP @ BOOSTER STATION	Treatment	The spare chlorine gas cylinders are not properly secured. Full and empty cylinders of chlorine gas must be restrained in position at all times to prevent upset. Properly secure all chlorine gas cylinders.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Autumn Permenter, PE
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
08/05/2019	0.124 MG/L	0.080 MG/L	TTHM	07/01/2019 - 09/30/2019
05/15/2019	0.123 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
02/07/2019	0.123 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
11/09/2018	94 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
7001160	08/22/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2019 - 08/31/2019

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (318) 676-7477 or Autumn.Permenter@la.gov.

Respectfully,

Autumn Permenter, P.E.
District Engineer – District IV
LDH/OPH - Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

ATTACHMENT



Figure 1 – Ground Storage Tank at Main Plant



Figure 2 – Ground Storage Tank at Booster Plant



Figure 3 – Well Discharge Piping at Main Plant

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 1830 0001 0572 3147

October 23, 2019

Roy Joe Harris
Pendleton Water Association
62 Queens Road
Many, LA 71449

Re: Class I Sanitary Survey
Pendleton Water Association Public Water System
PWS ID LA1085046
Sabine Parish

Dear Mr. Harris:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 8, 2019 sanitary survey inspection of the public water supply system for PENDLETON WATER ASSOCIATION (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Andrea Payton	LDH-OPH Engineering Services
Anthony Farrell	Pendleton Water Association
Payton Farrell	Pendleton Water Association
James Soileau III	LDH-OPH Engineering Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
01/27/2015	03/12/2015	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: It appears that the highest turbidity recorded at any time for the combined filter effluent is 0.09 NTU. While that information might be correct, sometimes chart recorders and online equipment will not record over a set number. Please research and make sure that the turbidimeter is recording all the way to the maximum turbidity leaving the filters.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	A strong odor of chlorine was experienced during the visit therefore operator performed a leak test. The leak test proved that there was a leak present and shall be repaired as soon as possible (see Photo No. 1).
FACILITY	CATEGORY	FINDINGS
Management	Other	The treatment and storage site has excess clutter including trash and debris. The site should be cleaned, mowed, and maintained to prevent accidents for water plant personnel and to protect system piping and infrastructure (see Photos 2 & 3).



Photo No. 1



Photo No. 2



Photo No. 3

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate (Photo No. 4).
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	There is a large pit at the base of the tank where the intake was installed, this area shall be backfilled to prevent erosion, or harm to the plant personnel (Photo No. 5).
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND TANK	Finished Water Storage	The overflow for a ground- level storage reservoir does not have a screen over the flap, a screen shall be provided inside the valve (Photo No. 6).
FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER PLANT	Treatment	The chemical feeder pump should be secured to prevent equipment failure and ensure continuous and proper dosing of chemical.



Photo No. 4



Photo No.5



Photo No. 6

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Andrea Payton,
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
08/05/2019	0.063 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2019 - 09/30/2019
08/05/2019	0.086 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2019 - 09/30/2019
06/25/2019	.078 MG/L	.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2019 - 06/30/2019
06/25/2019	.084 MG/L	.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2019 - 06/30/2019
02/22/2019	0.109 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
02/22/2019	0.101 MG/L	0.060 MG/L	TOTAL	01/01/2019 - 03/31/2019

			HALOACETIC ACIDS (HAA5)	
02/22/2019	0.085 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
11/09/2018	105 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
11/09/2018	110 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
11/09/2018	89 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
11/09/2018	84 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7489.

Respectfully,

Andrea Payton

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7019 0700 0001 4668 7622**

November 15, 2019

John Adair
BELMONT WATERWORKS INC
PO Box 28
Belmont, LA 71406

Re: Class I Sanitary Survey
BELMONT WATERWORKS INC Public Water System
PWS ID LA1085053
SABINE Parish

Dear Mr. Adair:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 14, 2019 sanitary survey inspection of the public water supply system for BELMONT WATERWORKS INC (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Danny Mortimer	OPH Region VII Engineering
Randy Byrd	Belmont Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/11/2017	05/12/2017	Sanitary Survey, Finished	Minor	Source	1085053-002-WELL #2
Comments: The well casing and the discharge piping shows signs of corrosion. The well casing and discharge piping must be cleaned and painted.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	The fencing around wells #2 and #3 need to be repaired and cleared of tree limbs to prevent unauthorized entry.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The system needs to adopt and implement a cross connection control plan.
FACILITY	CATEGORY	FINDINGS
1085053-002 - WELL #2	Source	There was a hole in the well slab. The hole/pipe needs to be sealed to prevent possible contamination.
FACILITY	CATEGORY	FINDINGS
1085053-003 - WELL #3	Source	There was cracking in the concrete slab of well #3. The cracks need to be sealed/repaired to prevent possible contamination.
FACILITY	CATEGORY	FINDINGS
1085053-001 - WELL #1	Source	Well #1 needs to have a smooth nozzled tap installed.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT HWY 175 AT MOFFETT LN	Treatment	The vent fan for the chlorine treatment building was not working. The fan needs to be repaired to provide proper ventilation.
FACILITY	CATEGORY	FINDINGS
1085053-001 - WELL #1	Source	The vent for well #1 was broken. The well vent needs to be repaired and reinstalled.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Danny Mortimer, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
09/17/2019	0.105 MG/L	0.080 MG/L	TTHM	07/01/2019 - 09/30/2019
06/07/2019	0.094 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
03/01/2019	0.081 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
12/18/2018	0.081 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
7006500	10/23/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	10/01/2019 - 10/31/2019
7006499	10/07/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	

7006497	09/10/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	09/01/2019 - 09/30/2019
7006496	07/24/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2019 - 07/31/2019
7006494	06/07/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
7006493	04/09/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
7006492	04/02/2019	CCR REPORT	
7006489	02/07/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
7006490	02/07/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7432.

Respectfully,

Danny Mortimer
District 4 Sanitarian
OPH District 4 Engineering
318-676-7432

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering



Attachement #1:

Well #1 needs to have a smooth nozzle sample tap.

Attachment #2 :

Well #1 needs vent pipe repaired



Attachment #3 :

Fencing for well #3 needs to be cleared and repaired

Attachment #4 :

Fencing for well #2 needs to be cleared and repaired



Attachment #5 :

Hole in well slab needs to be sealed

Attachment #6 :

Cracks in well #3 slab need to be repaired

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7012 1010 0000 1527 9833**

October 18, 2019

Ben Richard
HARBOR MHP WATER SYSTEM
590 Hwy 754
Church Point, LA 70525

Re: Class I Sanitary Survey
HARBOR MHP WATER SYSTEM Public Water System
PWS ID LA2085079
SABINE Parish

Dear Mr. Richard:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 18, 2019 sanitary survey inspection of the public water supply system for HARBOR MHP WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tiffany Roberson	LDH Engineering Region 7
Jesse Sepulvado	Representative

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/31/2014	08/15/2014	Sanitary Survey, Finished	Minor	Source	2085079-001-WELL #1
Comments: PIPING AND CASING NEED TO CLEANED AND REPAINTED.					

Significant Deficiencies: No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Bacteriological test and chemical test results reports from the laboratory shall be kept on file and retained for not less than ten (10) years. During the sanitary survey, the test results were not available for review. All such records shall be made available for review during inspections and sanitary surveys of the public water system performed by LDH.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Chlorine residuals must be monitored daily at the water production (POE) site. A critical point (MRT), the location in the water system furthest from treatment, must be monitored daily. An additional chlorine residual check must be made monthly at the ACR site. These points were established for the water system during the submittal of the Monitoring Plan on the Monitoring Portal website. A free chlorine residual of 0.5 mg/L is required at all times and at all locations tested. Please start measuring and recording the residuals at the locations described using a digital chlorine analyzer. Residuals must also be recorded on signed and dated "LDH Approved Chlorine Residual Forms", which can be found at: http://new.dhh.louisiana.gov/index.cfm/page/1725
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	TCR-003, located at 73 Harbor Point Drive, was taken out. At least 5 suitable sample taps must be provided in the distribution system for total coliform monitoring. For smaller systems, a point of collection or sample tap shall be identified for/at each service connection. To facilitate proper sample collection, there must be at least 12 inches of clearance below the nozzle of the tap(s). This includes the distance above grass or weeds. Contact the OPH Region 5 Engineering.
FACILITY	CATEGORY	FINDINGS
2085079-001 - WELL #1	Source	The well's outer casing, casing vent piping, the base plate supporting the pump, and the discharge piping are showing signs of rust, corrosion and flaking paint. The well's outer casing, casing vent piping, base plate support and discharge piping must be cleaned, treated and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. **See Attachment #1 and #2**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to

correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Tiffany Roberson, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year
No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year
No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year
No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7867.

Respectfully,

Tiffany Roberson

Tiffany Roberson, R.S.
Sanitarian
cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments





Attachment #1

Severity: Minor

Facility ID: WELL #1

Category: Source

Attachment Comments: The well's outer casing, casing vent piping, the base plate supporting the pump, and the discharge piping are showing signs of rust, corrosion and flaking paint. The well's outer casing, casing vent piping, base plate support and discharge piping must be cleaned, treated and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7012 1010 0000 1527 9857**

October 18, 2019

Ruth Cargle
R R & L PARK
275 Mossy Point Drive
Boyce, LA 71409

Re: Class I Sanitary Survey
R R & L PARK Public Water System
PWS ID LA2085087
SABINE Parish

Dear Mrs. Cargle:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 9, 2019 sanitary survey inspection of the public water supply system for R R & L PARK (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tiffany Roberson	LDH Engineering Region 7
Ruth Cargle	R R & L PARK

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Operator Compliance with State Requirements	The water system is not under the control and supervision of a duly certified operator. The water system, per population and system design at the time of the survey, must be placed under the supervision and control of a certified operator holding at least level XXX certifications in the categories of Water Production and Water Distribution. The operator certification office can be reached by phone at 225-342-7508. The operator certification website is: http://www.dhh.louisiana.gov/index.cfm/page/416

Deficiencies
No observations were recorded in this category

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Tiffany Roberson, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7867.

Respectfully,

Tiffany Roberson

Tiffany Roberson, R.S.
Chemical San

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7012 1010 0000 1527 9857**

October 18, 2019

Ruth Cargle
R R & L PARK
275 Mossy Point Drive
Boyce, LA 71409

Re: Class I Sanitary Survey
R R & L PARK Public Water System
PWS ID LA2085087
SABINE Parish

Dear Mrs. Cargle:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 9, 2019 sanitary survey inspection of the public water supply system for R R & L PARK (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tiffany Roberson	LDH Engineering Region 7
Ruth Cargle	R R & L PARK

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Operator Compliance with State Requirements	The water system is not under the control and supervision of a duly certified operator. The water system, per population and system design at the time of the survey, must be placed under the supervision and control of a certified operator holding at least level XXX certifications in the categories of Water Production and Water Distribution. The operator certification office can be reached by phone at 225-342-7508. The operator certification website is: http://www.dhh.louisiana.gov/index.cfm/page/416

Deficiencies
No observations were recorded in this category

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Tiffany Roberson, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7867.

Respectfully,

Tiffany Roberson

Tiffany Roberson, R.S.
Chemical San

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7007 3020 0002 8524 9801

June 25, 2019

Maria Diamond
DOMINO SUGAR
7417 N. Peters Rd.
Arabi, LA 70032

Re: Class I Sanitary Survey
DOMINO SUGAR Public Water System
PWS ID LA2087001
ST BERNARD Parish

Dear Ms. Diamond:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 11, 2019 sanitary survey inspection of the public water supply system for DOMINO SUGAR (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Parker Allen	LDH-OPH-Engineering Services Region 1
David Berens	American Sugar Refining
Maria Diamond	American Sugar Refining
Barry Mareno	American Sugar Refining

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing,

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
GR003 – CLEARWELL	Finished Water Storage	There is no overflow for the clearwell. The overflow must be screened with 24-mesh. LAC 51:XII.225.I.1 - All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. LAC 51.XII.225.K.4 - Finished water storage structures shall be vented. The overflow pipe shall not be considered a vent. Open construction between the sidewall and roof is not permissible. Vents shall, on ground-level structures, open downward with the opening at least 24 inches above the roof or sod and covered with twenty-four mesh non-corrodible screen. The screen shall be installed within the pipe at a location least susceptible to vandalism.
FACILITY	CATEGORY	FINDINGS
GR003 – CLEARWELL	Finished Water Storage	The vent for the clearwell does not appear to have a 24 mesh screen. The size of the screen could not be determined during the survey. Additionally, the clearwell hatch is not watertight, and the gasket on the hatch needs to be replaced. **See attachment #1 and #2** LAC 51.XII.225.K.4 - Finished water storage structures shall be vented. The overflow pipe shall not be considered a vent. Open construction between the sidewall and roof is not permissible. Vents shall, on ground-level structures, open downward with the opening at least 24 inches above the roof or sod and covered with twenty-four mesh non-corrodible screen. The screen shall be installed within the pipe at a location least susceptible to vandalism. LAC 51:XII.337.C - Any vent, overflow, or water level control gauge provided on tanks or other structures

		containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The cap for the vial for the DR 2800 is missing, thus not following the manufacturer's analytical method. LAC 51:XII.367.F - Chlorine residuals shall be measured in accordance with the analytical methods set forth in Section 1105.C of this Part.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The water pipes are showing signs of corrosion. This corrosion can result in leaks if not treated. The water pipes are to be cleaned and treated to prevent further corrosion. There was some active leaks in the chemical house near the polymer storage. It was informed that there is an active work order to correct the leak.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Metro Region I
Attn: Parker Allen,
1450 Poydras Street, Suite 1273, Benson Towers
New Orleans, Louisiana 70112

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 504-599-0140.

Respectfully,

Parker Allen, E.I.

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering
John Williams, P.E., Deputy Chief Engineer, LDH-OPH-Engineering
Alicia Martinez, P.E., District 1 Engineer, LDH-OPH-Engineering

Attachments

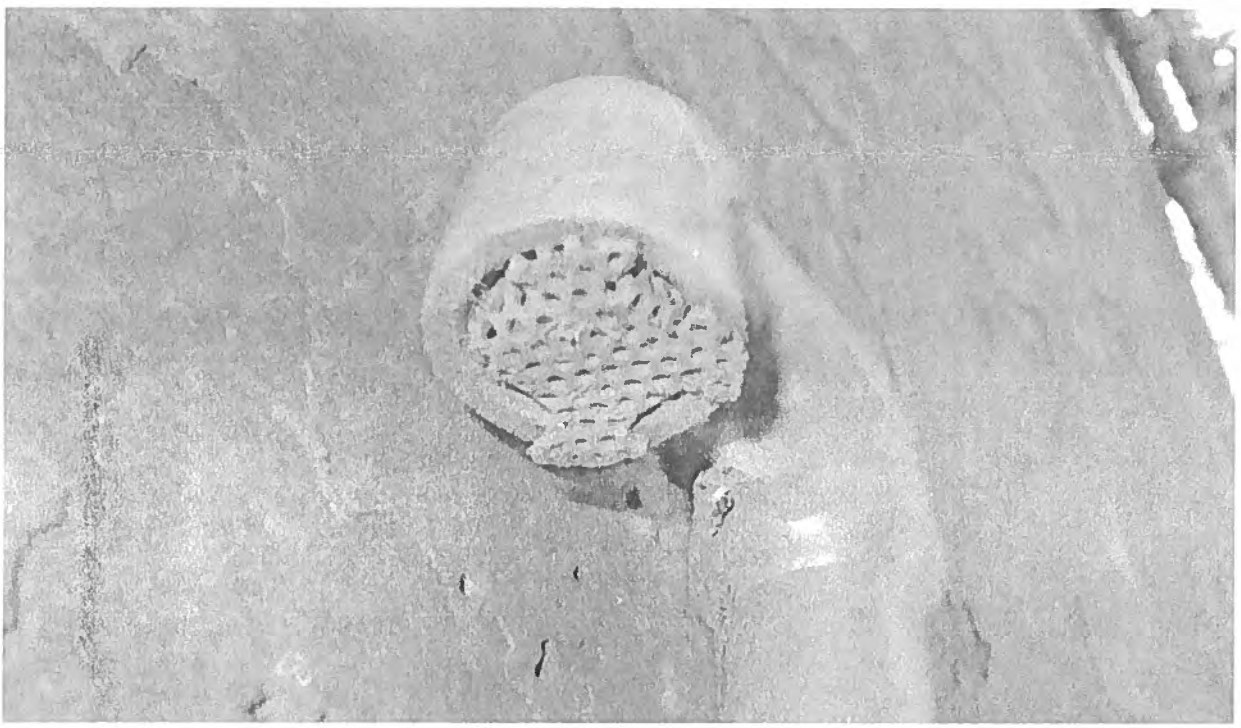
Attachment #1

Severity: Significant

Facility ID: GR003 - CLEARWELL

Category: Finished Water Storage

Attachment Comments: The vent for the clearwell does not appear to have a 24 mesh screen. The size of the screen could not be determined during the survey.



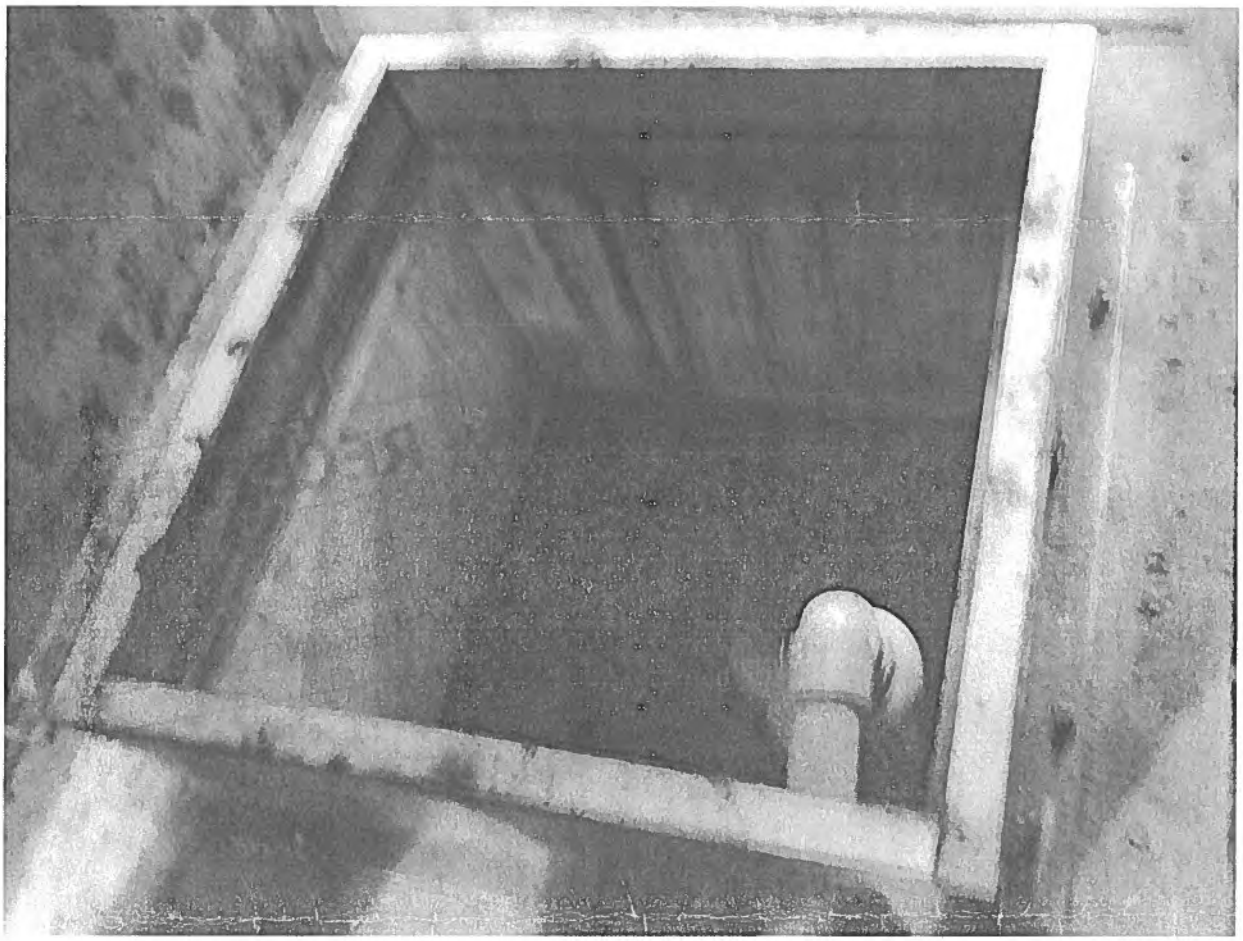
Attachment #2

Severity: Significant

Facility ID: GR003 - CLEARWELL

Category: Finished Water Storage

Attachment Comments: The clearwell hatch is not watertight, and the gasket on the hatch needs to be replaced.



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7015 3010 0000 4003 7539

July 15, 2019

Thomas "Pevey" Lee
WATER WORKS DISTRICT 2 - CROSS ROADS
P. O. Box 658
Greensburg, LA 70441

Re: Class I Sanitary Survey
WATER WORKS DISTRICT 2 - CROSS ROADS Public Water System
PWS ID LA1091001
ST HELENA Parish

Dear Mr. Lee:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 2, 2019 sanitary survey inspection of the public water supply system for WATER WORKS DISTRICT 2 - CROSS ROADS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Jie Gu	LDH-OPH Region IX Engineering Manager
Corey Harris	LDH-OPH Region IX Engineer
Thomas "Pevey" Lee	Water Works District #2 of St. Helena
John Yent	Water Works District #2 of St. Helena

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing,

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/05/2017	07/28/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-EAST GROUND
Comments: All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface; the overflow pipe ends on the ground at the time of inspection.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/05/2017	07/28/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR002-WEST GROUND
Comments: All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface; at the time of inspection, the overflow exceeded 24 inches.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/05/2017	07/28/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	HD002-HYDROPNEUMATIC
Comments: The tank is not equipped with a smooth-nosed sampling tap at the time of inspection.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/05/2017	07/28/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	HD002-HYDROPNEUMATIC
Comments: There are numerous rust spots on the tank surface at the time of inspection. Adequate protection from corrosion must be provided.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD002 - HYDROPNEUMATIC	Finished Water Storage	There was a hole under the hydropneumatic tank that would allow surface water to collect at the time of inspection. **See Attachment #1** LAC 51:XII.225.R - The area surrounding a ground-level structure shall be graded in a manner that will prevent surface water from standing within 50 feet of it.
FACILITY	CATEGORY	FINDINGS
GR001 - EAST GROUND	Finished Water Storage	There was no level indicator for the east ground storage tank at the time of inspection. LAC 51:XII.231.D - Adequate controls shall be provided to maintain levels in distribution system storage structures. Level indicating devices should be provided at a central location.
FACILITY	CATEGORY	FINDINGS
GR002 - WEST GROUND	Finished Water Storage	There was no level indicator for the west ground storage tank at the time of inspection. LAC 51:XII.231.D - Adequate controls shall be provided to maintain levels in distribution system storage structures. Level indicating devices should be provided at a central location.
FACILITY	CATEGORY	FINDINGS
1091001-002 - WELL NO. 2(SUBMERSIBLE)	Source	The well discharge piping was rusted at the time of inspection. **See Attachment #2** LAC 51:XII.169.H.3.a.iii - The discharge piping shall be protected against the entrance of contamination.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that Water Works District #2 – Cross Roads is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written inspection program for the ground storage tanks. For steel tanks AWWA M42 recommends the maximum interval for periodic inspections of the tank interior should normally be three (3) years. It is usually advisable to wash out the tank at the time of inspection.

2. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9007713	08/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: HYDROPNEUMATIC

Category: Finished Water Storage

Attachment Comments: There was a hole under the hydropneumatic tank that would allow surface water to collect at the time of inspection.



Attachment #2

Severity: Minor

Facility ID: WELL NO. 2(SUBMERSIBLE)

Category: Source

Attachment Comments: The discharge piping was rusted at the time of inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 8664 3924

October 8, 2019

Donald Langston
GREENSBURG WATER SYSTEM
P O Box 160
Greensburg, LA 70441

Re: Class I Sanitary Survey
GREENSBURG WATER SYSTEM Public Water System
PWS ID LA1091004
ST HELENA Parish

Dear Mr. Langston:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 24, 2019 sanitary survey inspection of the public water supply system for Greensburg Water System (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	**Organization**
Eric Brown	LDH-OPH Region IX Engineer
Donald Langston	Town of Greensburg

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1091004-003 - GREENSBURG WELL # 3 (2017)	Source	There was only one source of water at the time of inspection. Provide for at least two (2) approved sources of water. Consult with a licensed Professional Engineer (LA) or licensed well driller as necessary. Discuss actions with LDH prior to taking action. Please contact LDH for questions related to public notification in lieu of construction. LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless otherwise specified by the state health officer.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	The elevated tower vent was equipped with a twenty-four mesh at the time of inspection. Provide a compliant vent covered with four mesh non-corrodible screen, or with finer mesh in combination with an automatically resetting pressure vacuum relief mechanism. LAC 51:XII.225.K.6 - The vents shall, on elevated tanks and standpipes, open downward, and be fitted with either four mesh non-corrodible screen, or with finer mesh non-corrodible screen in combination with an automatically resetting pressure vacuum relief mechanism, as required by the state health officer.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, PWS shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that PWS has implemented with respect to the matters detailed in the complaint. PWS shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.

2. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that PWS is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9001317	08/28/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2019 - 08/31/2019

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown, E.I.

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7005 1820 0002 1133 7107

November 5, 2019

Kenny Giardina
MONTPELIER WATER SUPPLY
36310 Hwy 16
Montpelier, LA 70422

Re: Class I Sanitary Survey
MONTPELIER WATER SUPPLY Public Water System
PWS ID LA1091006
ST HELENA Parish

Dear Giardina:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 31, 2019 sanitary survey inspection of the public water supply system for MONTPELIER WATER SUPPLY (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
Donald Langston	Town Of Greensburg Water

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/09/2017	12/04/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: The chlorine testing kit looked old and dirty and the testing vials showed signs of stains at the time of inspection. Also the testing reagent expired on November 2015. Please keep the instrument updated and clean and please replace the expired reagent to ensure accurate readings.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/07/2014	12/03/2014	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT PLANT
Comments: Where chlorine gas is used, the room should be constructed to provide the following: separate switches for the fan and lights should be located outside of the chlorine room and at the inspection window. Outside switches should be protected from vandalism. A signal light indicating fan operation should be provided at each entrance when the fan can be controlled from more than one point.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/07/2014	12/03/2014	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT PLANT
Comments: Where chlorine gas is used, the room should be constructed to provide the following: air inlets should be through louvers near the ceiling and louvers for chlorine room air intake and exhaust should facilitate airtight closure.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of inspection the water system did not have a written and signed Cross Connection Control Plan on file. The water system must develop a cross connection control plan outlining the backflow prevention policies and procedures. The water system must implement the plan and maintain documentation of customers surveyed, identification of customers requiring backflow prevention devices, a record of annual testing for each device, and enforcement actions taken at non-compliant connections. LAC 51:XII.344.B - In order to protect its water supply from potential contamination, each water supplier shall develop and implement a written backflow prevention plan outlining the policies and procedures it will use to verify that its customers comply with mandatory containment practices, ...

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	At the time of inspection, a bottle for chlorine leak detection was not provided. Obtain and have readily available for chlorine leak detection a bottle of concentrated ammonium hydroxide (56%). The concentrated ammonia solution is used locate gas leaks at fittings and pipe connections. A white cloud or vapor indicates a leak. LAC 51:XII.207.C - A bottle of concentrated ammonium hydroxide (56 per cent ammonia solution) shall be available for chlorine leak detection.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	At the time of inspection, there was no automatic switch-over provided for the chlorine gas. Repair, refurbish or install required automatic switchover. LAC 51:XII.179.B.4 - Automatic switch-over of chlorine cylinders shall be provided to assure continuous disinfection.
FACILITY	CATEGORY	FINDINGS
1091006-002 - WELL #2 (HWY 16 WEST)	Source	At the time of inspection, Well #2 showed signs of corrosion on the well casing. Provide required protection. LAC 51:XII.169.H.3.a.viii - The discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage and freezing; **See Attachment #1**

FACILITY	CATEGORY	FINDINGS
1091006-003 - WELL #3 (HWY 16 WEST)	Source	At the time of inspection, Well #3 showed signs of corrosion on the upper casing and vent. Provide required protection. LAC 51:XII.169.H.3.a.viii - The discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage and freezing; **See Attachment #2**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, Montpelier Water Supply shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that PWS has implemented with respect to the matters detailed in the complaint. Montpelier Water Supply shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.

2. In accordance with the provisions found in ACT No. 292, Montpelier Water Supply is here-by notified that PWS is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.

2. Develop and implement a written inspection program for the ground storage tank. For steel tanks AWWA M42 recommends the maximum interval for periodic inspections of the tank interior should normally be three (3) years. It is usually advisable to wash out the tank at the time of inspection. At the time of inspection the tank was said to be "disposable/throwaway storage tank" and hasn't been inspected in approximately 30 years. The internal condition of the tank is unknown and it is recommended that the ground storage tank be inspected or replaced.

3. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

4. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

5. Develop and implement a valve exercising program. A valve exercise program will help locate closed values and ensures looped pipelines are operating as designed.

6. At the time of inspection the area around the slab for Well #3 is starting to erode. It is recommended that maintenance is done before the well casing is exposed to possible contaminants.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9008618	10/17/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	10/01/2019 - 10/31/2019
9008617	10/08/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	09/01/2019 - 09/30/2019
9008616	08/28/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2019 - 08/31/2019

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: WELL #2 (HWY 16 WEST)

Category: Source

Attachment Comments: Well #2 Corrosion



Attachment #2

Severity: Minor

Facility ID: WELL #3 (HWY 16 WEST)

Category: Source

Attachment Comments: Well #3 Corrosion

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8457

July 17, 2019

Jim Hitchens
WWKS DISTRICT 2 of ST HELENA
PO Box 658
Greensburg, LA 70441

Re: Class I Sanitary Survey
WWKS DISTRICT 2 of ST HELENA Public Water System
PWS ID LA1091007
ST HELENA Parish

Dear Mr. Hitchens:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 2, 2019 sanitary survey inspection of the public water supply system for WWKS DISTRICT 2 of ST HELENA (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
Eric Brown	LDH-OPH Region IX Engineer
Jie Gu	LDH-OPH Region IX Engineer
Thomas "Pevey" Lee	WWKS Dist 2 Of St Helena
John Yent	WWKS Dist 2 Of St Helena

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/05/2017	07/28/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-ELEVATED HWY 10
Comments: The sampling tap is threaded. Please replace it with a smooth-nosed one.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/05/2017	07/28/2017	Sanitary Survey, Finished	Minor	Source	1091007-003-WELL NO. 3 ON CLEVELAND
Comments: The well discharge piping showed signs of corrosion at the time of inspection. The surface need to be resurfaced and painted.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	The fence for Well #2 on Hwy 10 and Well #1 on Hwy 1045 have been compromised and is in need of repair. Per LAC 51:XII.315.A, all public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked; said areas shall be locked when unattended. The fence shall be resistant to climbing and at least 6 feet high. **See Attachment #1 and #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND ON HWY449	Finished Water Storage	Storage tank overflow did not terminate at the correct height. Per LAC 51:XII.225.I.1, all water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches

		above the ground surface, and discharges over a drainage inlet structure or a splash plate. No overflow may be connected directly to a sewer or a storm drain. All overflow pipes shall be located so that any discharge is visible. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1091003-003 - MERLIN LANE WELL	Source	Merlin Lane well did not have a working pressure gauge. Per LAC 51:XII.169.H.3.iv, the discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, and a means of measuring flow.
FACILITY	CATEGORY	FINDINGS
1091007-003 - WELL NO. 3 ON CLEVELAND	Source	Well #3 on Cleveland did not have a working pressure gauge. Per LAC 51:XII.169.H.3.iv, the discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, and a means of measuring flow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, PWS shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that PWS has implemented with respect to the matters detailed in the complaint. PWS shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.

2. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that WWKS District 2 of St. Helena is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written inspection program for the ground storage tank. For steel tanks AWWA M42 recommends the maximum interval for periodic inspections of the tank interior should normally be three (3) years. It is usually advisable to wash out the tank at the time of inspection.

2. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

3. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

4. A well pumping test was not routinely performed and recorded. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

5. Rotating pump shafts and couplings were exposed at Merlin Lane Well, Hwy 449 Well, and Well #3 on Cleveland. This presents a risk to employee safety; rigid guards, shields, squirrel cages, etc. were generally not provided. Per LAC 51:XII.157.A, consideration shall be given to the safety of water plant personnel and visitors.

6. Discharging pipe from Well #3 on Cleveland showed signs of corrosion and thus maintenance is recommended.

7. There was only one switch for the fan and the light outside of all the chlorine rooms. It is recommended to install separate switches for the venting fan and for the lights per LAC:51:XII.209.h.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
2081612	08/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Security

Attachment Comments: Knocked down fence at Well #2

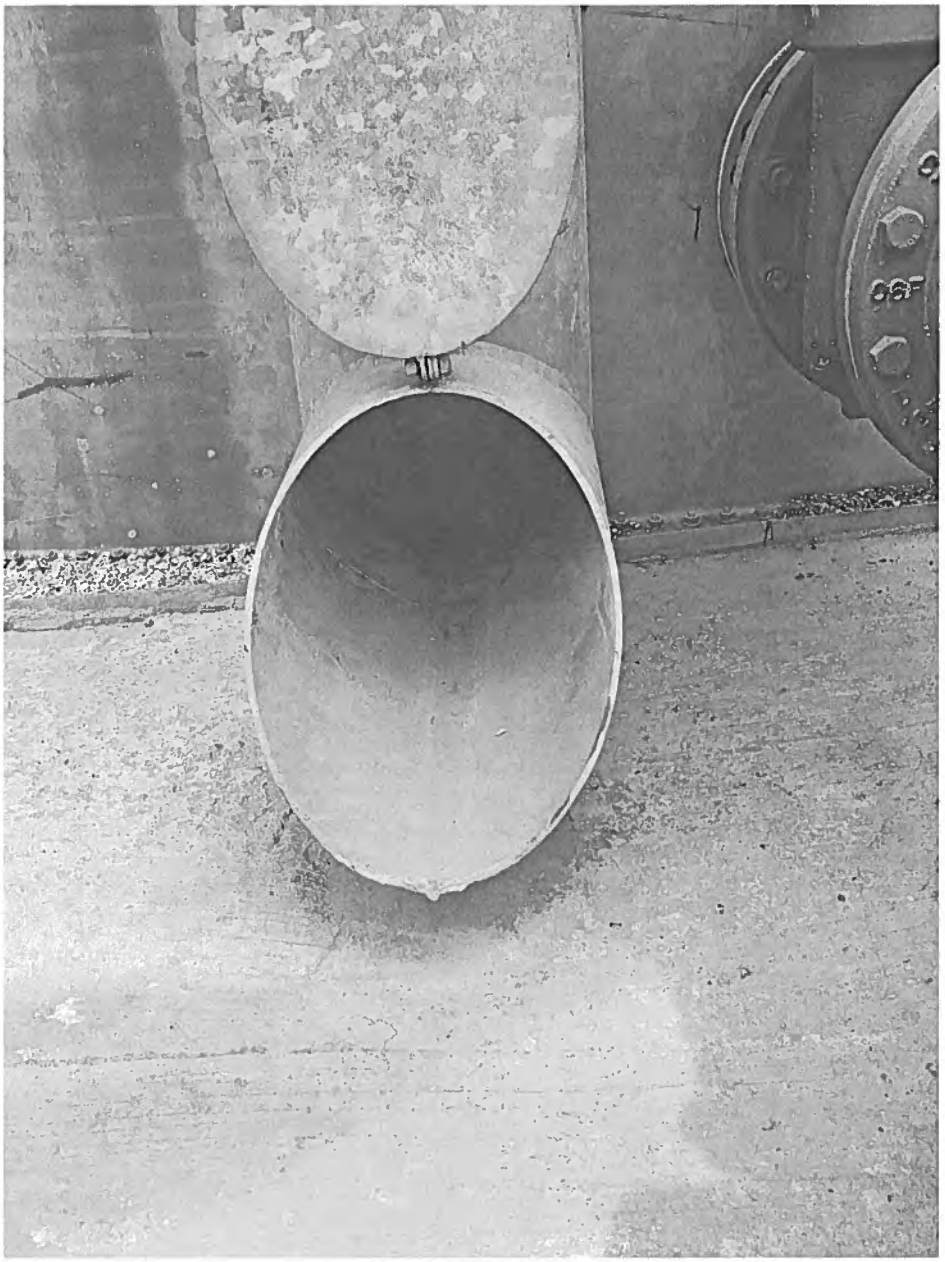


Attachment #2

Severity: Significant

Category: Security

Attachment Comments: Hole in fence at Well #1



Attachment #3

Severity: Minor

Facility ID: GROUND ON HWY449

Category: Finished Water Storage

Attachment Comments: Overflow for the ground storage tank on HWY 449

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7015 3010 0000 4003 7638

July 17, 2019

Jim Hitchens
WATER WORKS DISTRICT 2 - PHASE 3
PO Box 658
Greensburg, LA 70441

Re: Class I Sanitary Survey
WATER WORKS DISTRICT 2 - PHASE 3 Public Water System
PWS ID LA1091008
ST HELENA Parish

Dear Mr. Hitchens:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 2, 2019 sanitary survey inspection of the public water supply system for WATER WORKS DISTRICT 2 - PHASE 3 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH-OPH Region IX Engineer
Eric Brown	LDH-OPH Region IX Engineer
Corey Harris	LDH-OPH Region IX Engineer
Thomas "Pevey" Lee	WWKS Dist 2 Of St Helena
John Yent	WWKS Dist 2 Of St Helena

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing,

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	The discharge piping from the pump station showed severe signs of corrosion at the time of the inspection. Per LAC 51:XII.225.S, proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
TP001 - W.WKS.DIST.2 PHASE 3 WELL - HWY 38	Treatment	There was only one switch for the fan and the light outside of the chlorine room. Per LAC 51: XII.209. h, separate switches for the ventilating fan and for the lights shall be located outside and at the inspection window. Outside switches must be protected from vandalism. A signal light indicating ventilating fan operation shall be provided at each entrance when the fan can be controlled from more than one point.
FACILITY	CATEGORY	FINDINGS
TP002 - HWY 38 WELL	Treatment	There was only one switch for the fan and the light outside of the chlorine room. Per LAC 51: XII.209. h, separate switches for the ventilating fan and for the lights shall be located outside and at the inspection window. Outside switches must be protected from vandalism. A signal light indicating ventilating fan operation shall be provided at each entrance when the fan can be controlled from more than one point.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to

correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, PWS shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that PWS has implemented with respect to the matters detailed in the complaint. PWS shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.
2. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that PWS is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written inspection program for the ground storage tank. For steel tanks AWWA M42 recommends the maximum interval for periodic inspections of the tank interior should normally be three (3) years. It is usually advisable to wash out the tank at the time of inspection.
2. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling,

number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

3. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

4. A well pumping test was not routinely performed and recorded - pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

5. The flow meter and chlorine injection point were located underground at the Phase 3 well site. It is recommended to relocate the flow meter to the ground level so that the readings can be easily accessed and analyzed for daily operation. It is also recommended to relocate the chlorine injection point to the ground level so that leaks can be easily identified and repaired.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: GROUND

Category: Finished Water Storage

Attachment Comments: The discharge piping from the pump station showed severe signs of corrosion at the time of the inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70171000000031758181

May 13, 2019

Jeffery Jacobs
NATALBANY CREEK CAMPGROUND
111 Energy Parkway
Lafayette, LA 70508

Re: Class I Sanitary Survey
NATALBANY CREEK CAMPGROUND Public Water System
PWS ID LA2091032
ST HELENA Parish

Dear Jacobs:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 7, 2019 sanitary survey inspection of the public water supply system for NATALBANY CREEK CAMPGROUND (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
Jie Gu	LDH-OPH Region IX Engineer
Joey Auster	Dove Environmental

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND TANK	Finished Water Storage	Per LAC 51:XII.225.I.1, all water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. At the time of inspection, there was no overflow provided for the raw water storage tank.
FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC TANK	Finished Water Storage	Per LAC 51:XII.225.S, proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. At the time of inspection, the hydropneumatic tank showed wear in its paint. Maintenance and inspections should be performed routinely to prevent further damage. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND TANK	Finished Water Storage	Per LAC 51:XII.225.S, proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. At the time of inspection, the raw water tank showed wear in its paint. Maintenance and inspections should be performed routinely to prevent further damage. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND TANK	Finished Water Storage	Per LAC 51:XII.231.D, adequate controls shall be provided to maintain levels in distribution system storage structures. Level indicating devices should be provided at a central location. At the time of inspection, there was no way to measure water level on the raw water storage tank.

FACILITY	CATEGORY	FINDINGS
TP002 - WELL 002 TREATMENT PLANT	Treatment	Per LAC 51:XII.203.I.4.b, liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge. Liquid Chlorine did not have secondary containment at time of inspection. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
2091032-002 - NATALBANY CREEK CAMPGROUND WELL #2	Source	Per LAC 51:XII.169.H.3.a.iv, the discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, and a means of measuring flow. At the time of inspection there was no check valve, pressure gauge, or flow meter at the well. **See Attachment #4**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of inspection, corrosion and rust was observed on piping and threading. Maintenance and inspections should be performed routinely to prevent further damage. **See Attachment #5**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: HYDROPNEUMATIC TANK

Category: Finished Water Storage

Attachment Comments: At the time of inspection the hydropneumatic storage tank showed signs of wear and corrosion.



Attachment #2

Severity: Minor

Facility ID: GROUND TANK

Category: Finished Water Storage

Attachment Comments: At the time of inspection the raw water storage tank showed signs of wear and corrosion.



Attachment #3

Severity: Minor

Facility ID: WELL 002 TREATMENT PLANT

Category: Treatment

Attachment Comments: Chemical storage tank did not have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge.



Attachment #4

Severity: Minor

Facility ID: NATALBANY CREEK CAMPGROUND WELL #2

Category: Source

Attachment Comments: At the time of inspection the well did not have a check valve, pressure gauge, or flow meter.



Attachment #5

Severity: Recommendations

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: At the time of inspection piping showed signs of corrosion and rusting.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7011 3500 0001 8744 2038 : RETURN RECEIPT REQUESTED

November 4, 2019

Patrick P. St Pierre
Lutcher Waterworks
P.O.Box 456
Lutcher, LA 70071

Re: Class I Sanitary Survey
Lutcher Waterworks Public Water System
PWS ID LA1093003
ST JAMES Parish

Dear Mayor St Pierre:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 30, 2019 sanitary survey inspection of the public water supply system for LUTCHER WATERWORKS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
David Boggs	LDH Engineering Region 3
Damien Laiche	City of Lutcher
Blaine Cantillo	City of Lutcher

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/06 /2015	08/06/ 2015	Water Treatment Plant Site Visit	Minor	M&R and Data Verification	Management
Comments: 40 CFR 141.403 and LAC 51:XII.1107.B - Bench top and continuous monitoring turbidimeters shall be calibrated using a turbidity primary standard at a frequency of no less than once every 90 days. The instruments shall be calibrated in accord with the manufacturer's instructions.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
08/06 /2015	08/06/ 2015	Water Treatment Plant Site Visit	Minor	System Management and Operation	Management
Comments: Records of validations/calibrations on each temperature measuring device shall be maintained for at least three years.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1093003-001 - SURFACE WATER INTAKE	Source	40 CFR 141.403 and LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells(or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless and LDH-approved annual public notice is provided to customers. **One of the raw water pumps is inoperable. See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	40 CFR 141.403 and TSS 5.4.5.2.c - The aqua ammonia room shall be equipped as in Section 5.4.1 with the following changes: An exhaust fan shall be installed to withdraw air from high points in the room and makeup air shall be allowed to enter at a low point. **The exhaust fan is inoperable and located in the wrong location. The exhaust fan shall be located from a high point in the aqua ammonia enclosure instead of the current floor location. See Attachment #2**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Teche Region III
Attn: David Boggs,
1434 Tiger Drive
Thibodaux, Louisiana 70301

The following compliance history is provided your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
B1904049-004	Routine	9/16/2019			0.530

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
09/04/2019	0.061 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2019 - 09/30/2019

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-449-5007 ext. 345.

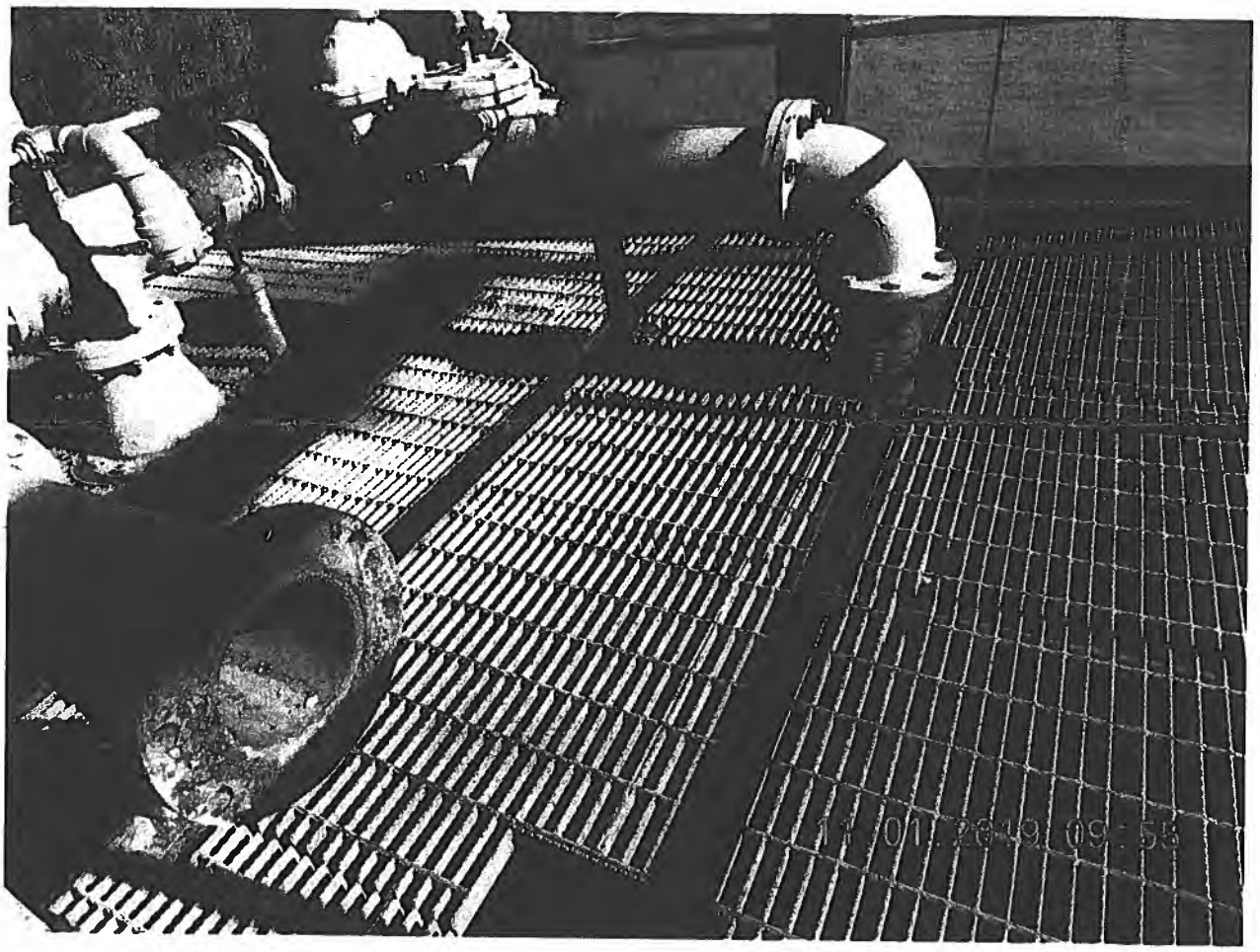
Respectfully,

David Boggs

David Boggs,
Engineer Intern
OPH – Region 3

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



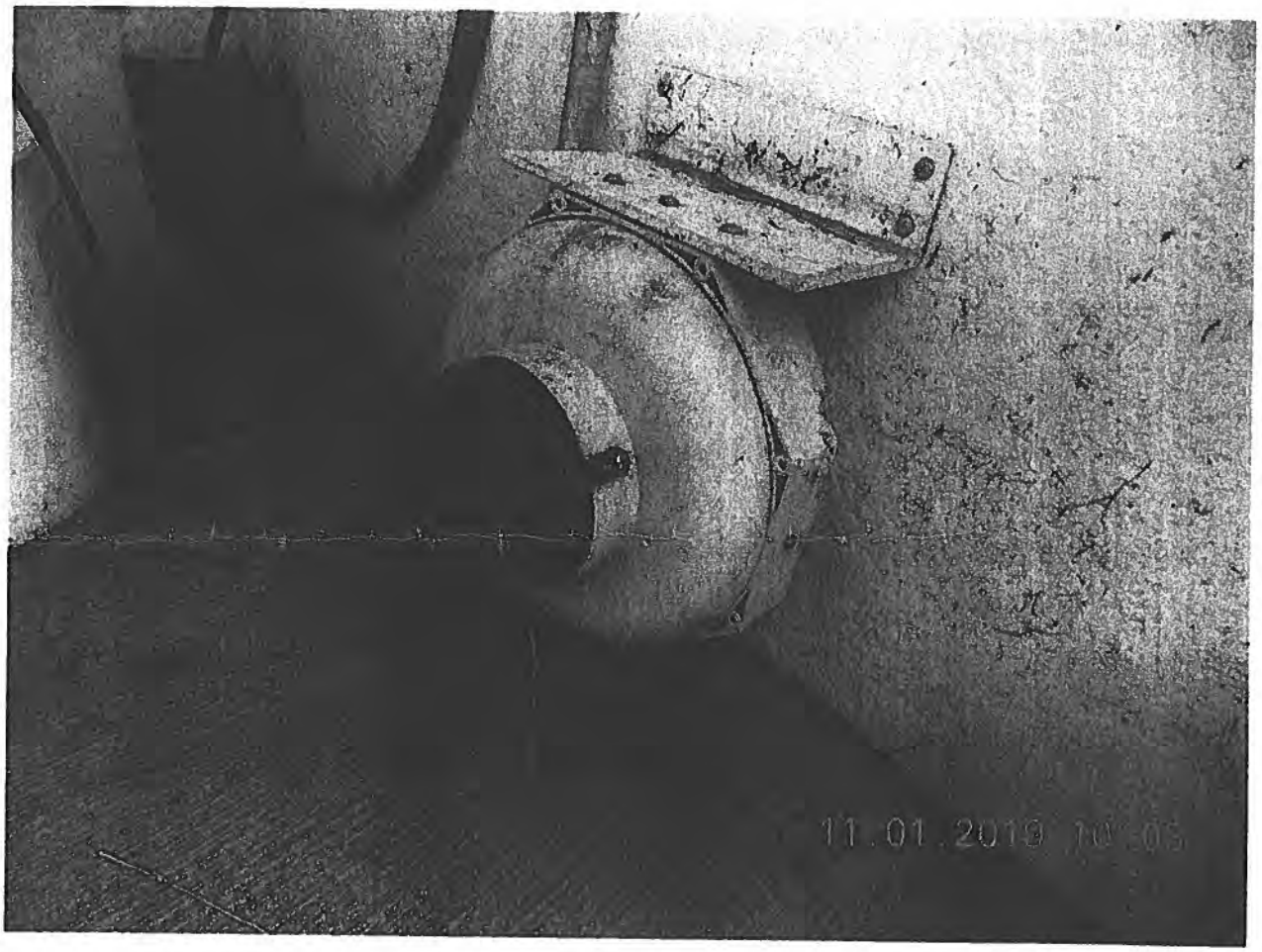
Attachment #1

Severity: Significant

Facility ID: SURFACE WATER INTAKE

Category: Source

Attachment Comments: One of the raw water pumps is inoperable.



Attachment #2

Severity: Minor

Facility ID: TREATMENT PLANT

Category: Treatment

Attachment Comments: The aqua ammonia ventilation fan is inoperable. It is also located on the floor. The fan should be located near the roof of the enclosure.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7011 3500 0001 8744 1758 : RETURN RECEIPT REQUESTED

August 13, 2019

Natalie Robottom
PLEASURE BEND WATER SUPPLY
1811 West Airline Hwy
Laplace, LA 70068

Re: Class I Sanitary Survey
PLEASURE BEND WATER SUPPLY Public Water System
PWS ID LA1095006
ST JOHN THE BAPTIST Parish

Dear Ms. Robottom:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 18, 2019 sanitary survey inspection of the public water supply system for PLEASURE BEND WATER SUPPLY (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
David Boggs	LDH Engineering Region 3
Reed Alexander	Representative

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2019	06/14/2019	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: 40 CFR 141.403 and LAC 51:XII.344 - Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods. Pleasure Bend first started implementing its Cross Connection Control Program in March of 2010, therefore after eight (8) years all customers not in compliance with the systems Cross Connection Control Policy need to be disconnected.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	LAC 51:XII.319.D.2 and LAC 51:XII.135.A, Standby Power - Dedicated standby power shall be provided by any community water supply and any non-community water supply serving a hospital so that water can be treated and/or pumped to the distribution system during power outages to meet the average daily demand during the month of maximum water use. The water supply does not have auxiliary power.
FACILITY	CATEGORY	FINDINGS
GR001 - PLEASURE BEND GROUND STORAGE TANK	Finished Water Storage	LAC 51:XII.319.D.19 - no drain on a water storage structure shall have a direct connection to a sewer or storm drain. The design shall allow draining the storage facility for cleaning or maintenance without causing loss of pressure in the distribution system LAC 51:XII.231.C - The storage structure drain shall discharge to the ground surface with no direct connection to a sewer or storm drain. The ground storage tank drain has a direct connection to a ditch/storm drainage. **See Attachment #3 and #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - PLEASURE BEND GROUND STORAGE TANK	Finished Water Storage	LAC 51:XII.225.I.1 - All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate... The overflow does not discharge over a splash pad.
FACILITY	CATEGORY	FINDINGS
1095006-001 - PLEASURE BEND WELL	Source	LAC 51:XII.327.A.11-12 - All potable water well casings shall be vented to atmosphere as provided in §327.A.12 below, with the exception that no vent will be required when single-pipe jet pumps are used.; All potable water well vents shall be so constructed and installed as to prevent the entrance of contamination. All vent openings shall be piped water tight to a point not less than 24 inches above the highest flood level which may have occurred in a 10-year period, but in no case less than 24 inches above the ground surface. Such vent openings and extensions thereof shall be not less than 1/2 inch in diameter, with extension pipe firmly attached thereto. The openings of the vent pipes shall face downward and shall be screened to prevent the entrance of foreign matter. The well contains a drawdown tube that is capped, but no vent. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Teche Region III
Attn: David Boggs,
1434 Tiger Drive
Thibodaux, Louisiana 70301

The following compliance history is provided your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
06/24/2019	0.086 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2019 - 06/30/2019
06/24/2019	0.085 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2019 - 06/30/2019
06/24/2019	0.086 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
06/24/2019	0.088 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
03/01/2019	0.077 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
03/01/2019	0.076 MG/L	0.060 MG/L	TOTAL HALOACETIC	01/01/2019 - 03/31/2019

			ACIDS (HAA5)	
03/01/2019	0.082 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
03/01/2019	0.081 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
11/30/2018	0.075 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
11/30/2018	0.071 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
11/30/2018	0.081 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
11/30/2018	0.081 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
09/14/2018	70 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
09/14/2018	67 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
09/14/2018	88 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
09/14/2018	89 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
3005082	06/11/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	05/01/2019 - 05/31/2019
3005077	03/01/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
3005072	11/27/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2018 - 06/30/2018
3005071	09/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2018 - 07/31/2018
3005066	09/07/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-449-5007 ext. 345.

Respectfully,

David Boggs

David Boggs,
Engineer Intern
OPH – Region 3

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



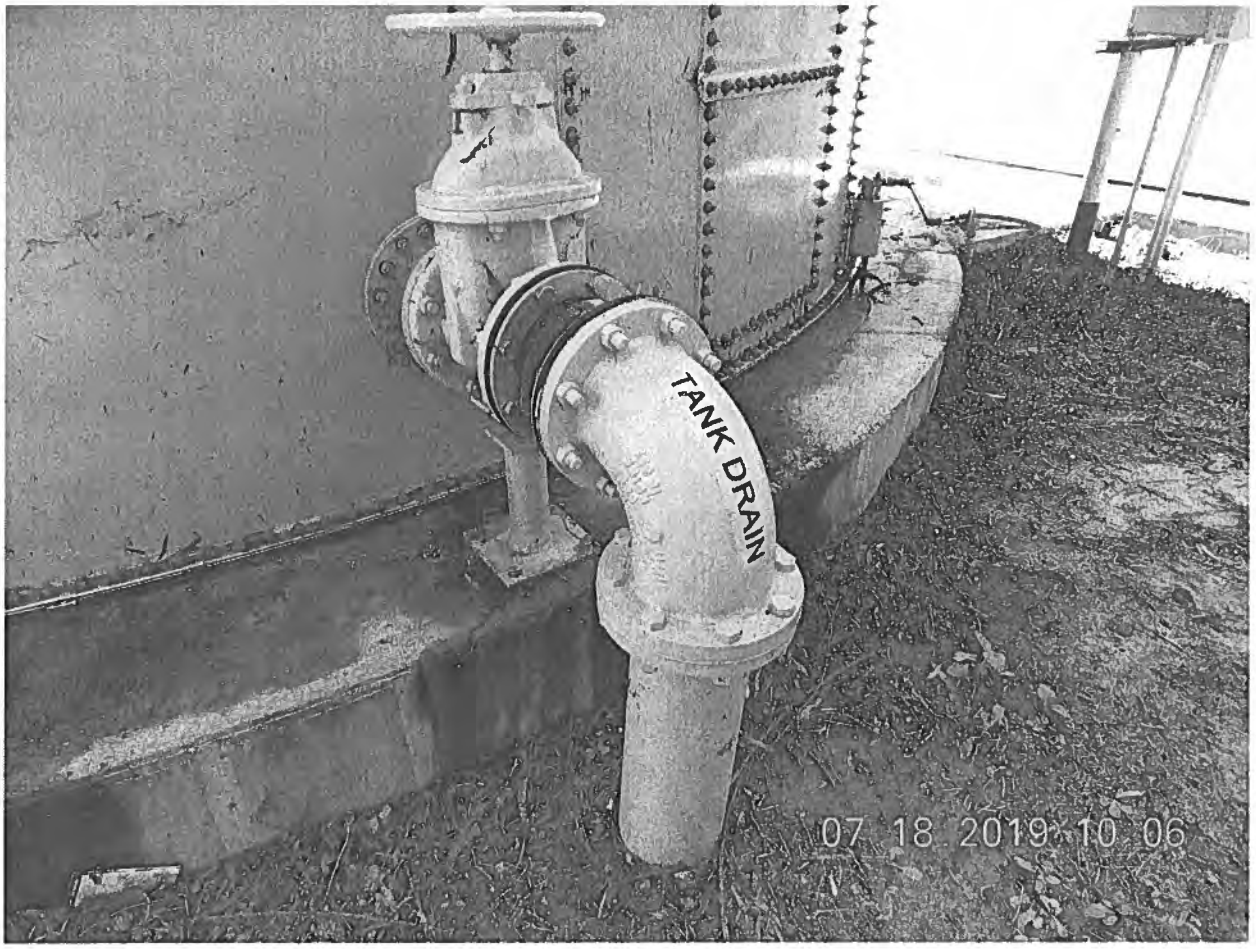
Attachment #1

Severity: Minor

Facility ID: PLEASURE BEND WELL

Category: Source

Attachment Comments: The wellhead contains a capped drawdown tube, but no vent.



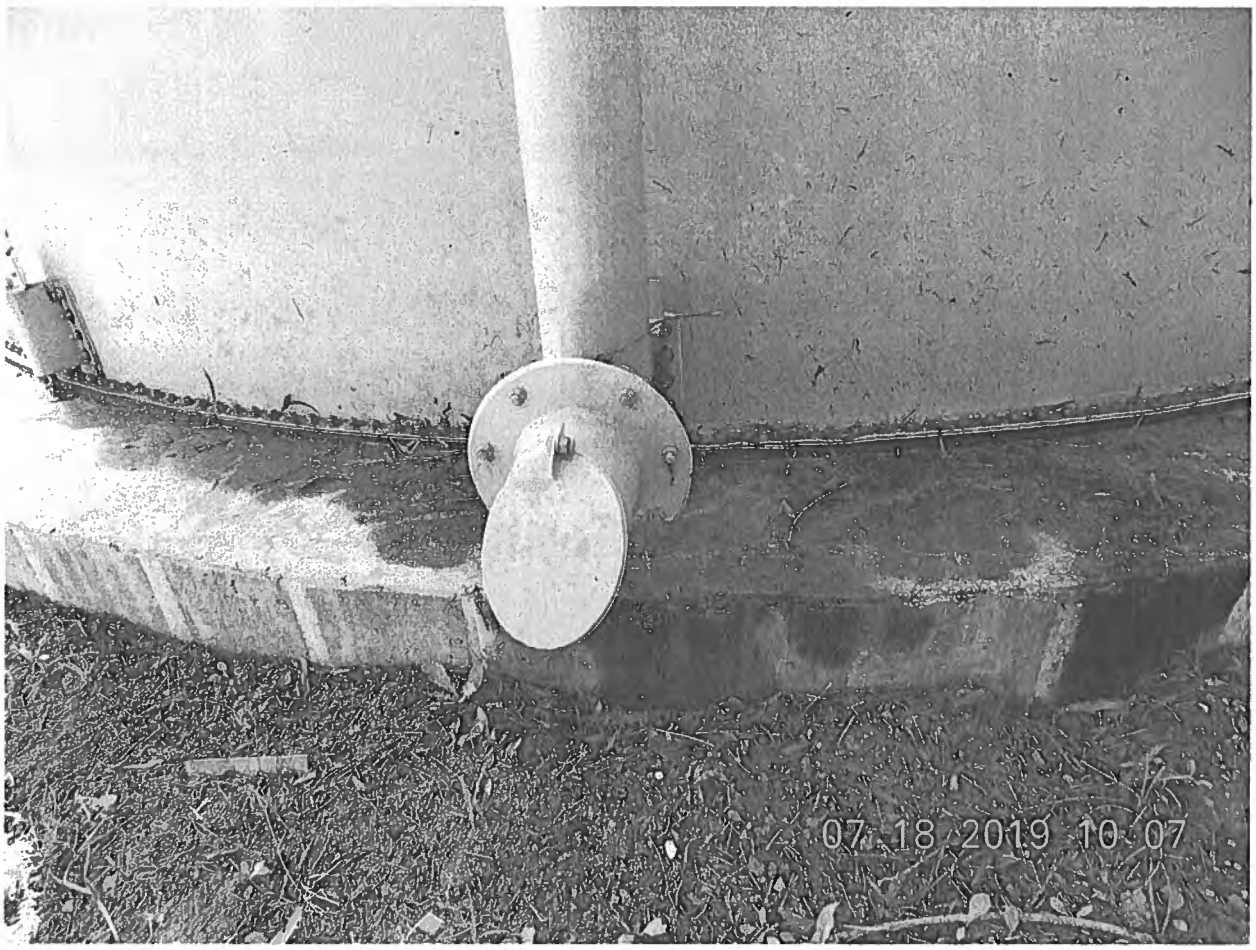
Attachment #2

Severity: Significant

Facility ID: PLEASURE BEND GROUND STORAGE TANK

Category: Finished Water Storage

Attachment Comments: The ground storage tank has a drain with a direct connection to a ditch/storm drainage.



Attachment #3

Severity: Significant

Facility ID: PLEASURE BEND GROUND STORAGE TANK

Category: Finished Water Storage

Attachment Comments: The overflow does not discharge over a splash pad.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

RECEIVED
JUN 19 2019
ENGINEERING SERVICES

CERTIFIED MAIL: 7007 2680 0002 3072 9319

June 14, 2019

Natalie Robottom
Pleasure Bend Water Supply
1811 West Airline Hwy
Laplace, LA 70068

Re: Class I Sanitary Survey
Pleasure Bend
PWS ID LA1095006
St John the Baptist Parish

Dear Ms. Robottom:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 13, 2019 sanitary survey inspection of the public water supply system for Pleasure Bend. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Frank Naquin	LDH Engineering Region 3
Reed Alexander	St. John Parish Water

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	40 CFR 141.403 and LAC 51:XII.344 - Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods. Pleasure Bend first started implementing its Cross Connection Control Program in March of 2010; therefore, after eight (8) years all customers not in compliance with the systems Cross Connection Control Policy need to be disconnected.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Teche Region III
Attn: Frank Naquin, R.S.
1434 Tiger Drive
Thibodaux, Louisiana 70301

The following compliance history is provided your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
03/01/2019	0.077 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
03/01/2019	0.076 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
03/01/2019	0.082 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
03/01/2019	0.081 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
11/30/2018	0.075 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018

11/30/2018	0.071 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
11/30/2018	0.081 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
11/30/2018	0.081 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
09/14/2018	70 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
09/14/2018	67 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
09/14/2018	88 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
09/14/2018	89 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
3005077	03/01/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
3005072	11/27/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2018 - 06/30/2018
3005071	09/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2018 - 07/31/2018
3005066	09/07/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018
3005065	06/14/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	05/01/2018 - 05/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-449-5007 ext. 337.

Respectfully,

Frank Naquin, R.S.
Sanitarian Program Coordinator

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7007 2680 0002 3072 9289

February 26, 2019

Brande Watkins
Gators Den Cajun Cafe
10 Manchac Way
Akers, LA 70421

Re: Class I Sanitary Survey
Gators Den Cajun Café Public Water System
PWS ID LA2095009
St John the Baptist Parish

Dear Ms. Watkins:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 26, 2019 sanitary survey inspection of the public water supply system for Gators Den Cajun Cafe. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Frank Naquin	LDH OPH Region III
Heather Bourg	LDH St James Parish
Barry Richard	LDH OPH Region III
Brande Watkins-Coxen	Gators Den

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices. System needs hose bibb vacuum breakers on all threaded faucets. **See Attachment #1**

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Teche Region III
Attn: Frank Naquin, R.S.
1434 Tiger Drive
Thibodaux, Louisiana 70301

The following compliance history is provided your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
3001313	08/01/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2018 - 07/31/2018
3001312	07/05/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2018 - 06/30/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-449-5007 ext. 337.

Respectfully,

Frank Naquin, R.S.
Sanitarian Program Coordinator

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Hose attached to faucet with a backflow device.

John Bel Edwards
GOVERNOR



Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

December 12, 2019

Brande Watkins
Gators Den Cajun Cafe
10 Manchac Way
Akers, LA 70421

Re: Class II Follow up Sanitary Survey
Gators Den Cajun Café Public Water System
PWS ID LA2095009
St John the Baptist Parish

Dear Ms. Watkins:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 08, 2019 follow up sanitary survey inspection of the public water supply system for Gators Den Cajun Cafe. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Frank Naquin	LDH OPH Region III
Brande Watkins-Coxen	Gators Den

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of deficiencies were cited during a previous sanitary survey on February 26, 2019.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices. System needs hose bibb vacuum breakers on all threaded faucets.

The follow up survey revealed all significant deficiencies have been corrected. Your cooperation is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-449-5007 ext. 337.

Respectfully,

Frank Naquin, R.S.
Sanitarian Program Coordinator

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

OFFICE OF PUBLIC HEALTH • REGIONAL OFFICE • REGION III
1434 TIGER DRIVE • THIBODAUX, LA 70301
Phone #: 985/449-5007 • Fax #: 985/449-5011
"AN EQUAL OPPORTUNITY EMPLOYER"

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7007 2680 0002 3072 9272

February 26, 2019

Benajah Peterson
Beacon Lounge
201 Carter Street
Vidalia, LA 71373

Re: Class I Sanitary Survey
Beacon Lounge Public Water System
PWS ID LA2095040
St John the Baptist Parish

Dear Mr. Peterson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 26, 2019 sanitary survey inspection of the public water supply system for Beacon Lounge. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Frank Naquin	LDH OPH Region III
Heather Bourg	LDH St James Parish
Barry Richard	LDH OPH Region III
Brande Watkins-Coxen	Beacon Lounge

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices. System needs hose bibb vacuum breakers on all threaded faucets. **See Attachment #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	Storage containers of tanks shall be sited out of the sunlight in a cool area and shall be vented to the outside of the building. System's chlorine storage tank needs protecting from the sunlight and weather. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Teche Region III
Attn: Frank Naquin, R.S.
1434 Tiger Drive
Thibodaux, Louisiana 70301

The following compliance history is provided your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
216	09/10/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018
215	08/01/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2018 - 07/31/2018
214	07/05/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2018 - 06/30/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-449-5007 ext. 337.

Respectfully,

Frank Naquin, R.S.
Sanitarian Program Coordinator

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

OFFICE OF PUBLIC HEALTH • REGIONAL OFFICE • REGION III
1434 TIGER DRIVE • THIBODAUX, LA 70301
Phone #: 985/449-5007 • Fax #: 985/449-5011
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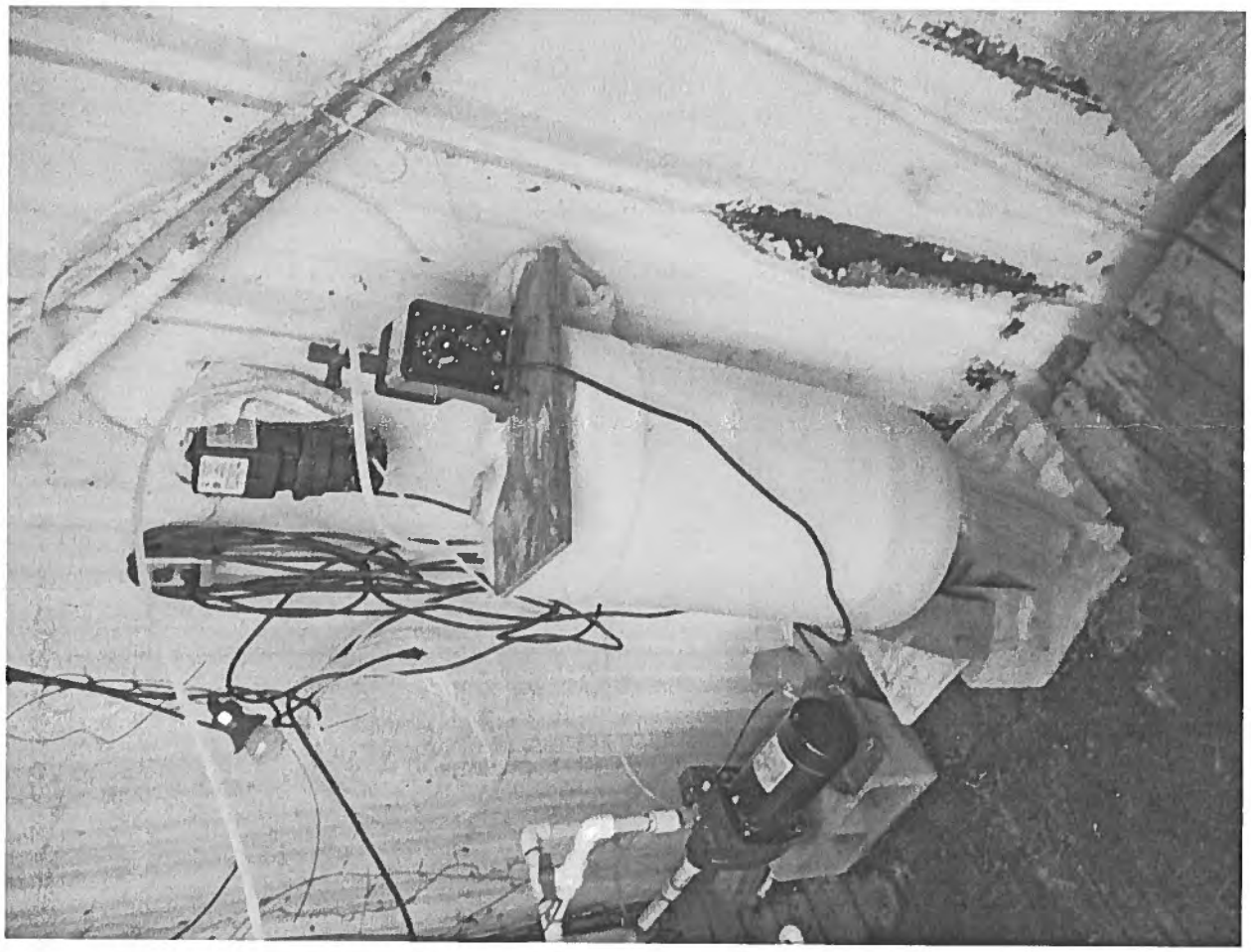
Attachments



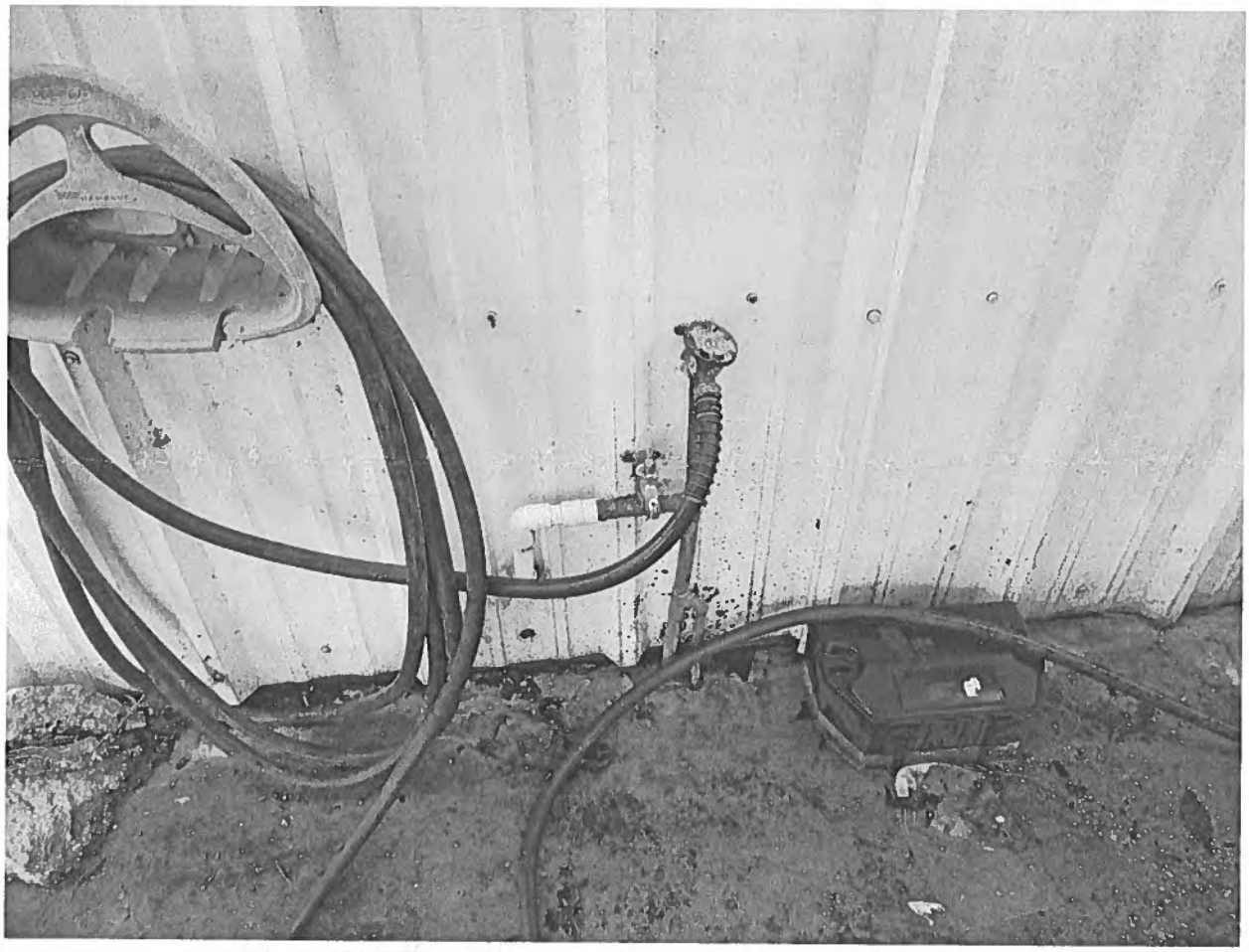
Attachment #1

Severity: Minor

Facility ID: TREATMENT PLANT

Category: Treatment

Attachment Comments: Chlorine storage tank is not protected from sunlight and weather.



Attachment #2

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Hose attached to faucet without backflow protection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

December 12, 2019

Benajah Peterson
Beacon Lounge
201 Carter Street
Vidalia, LA 71373

Re: Class 2 Follow up Sanitary Survey
Beacon Lounge Public Water System
PWS ID LA2095040
St John the Baptist Parish

Dear Mr. Peterson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 08, 2019 sanitary survey inspection of the public water supply system for Beacon Lounge. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Frank Naquin	LDH OPH Region III
Brande Watkins-Coxen	Beacon Lounge

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of deficiencies were cited during a previous sanitary survey on February 26, 2019.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices. System needs hose bibb vacuum breakers on all threaded faucets.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	Storage containers of tanks shall be sited out of the sunlight in a cool area and shall be vented to the outside of the building. System's chlorine storage tank needs protecting from the sunlight and weather.

The follow up survey revealed all significant deficiencies have been corrected. Your cooperation is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-449-5007 ext. 337.

Respectfully,

Frank Naquin, R.S.
Sanitarian Program Coordinator

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

OFFICE OF PUBLIC HEALTH • REGIONAL OFFICE • REGION III
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GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 1450 0000 1658 0227

June 27, 2019

Bill Fontenot
GRAND PRAIRIE WATER SYSTEM
4642 Grand Prairie Hwy
Washington, LA 70589

Re: Class I Sanitary Survey
GRAND PRAIRIE WATER SYSTEM Public Water System
PWS ID LA1097002
ST LANDRY Parish

Dear Mr. Fontenot:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 19, 2019 sanitary survey inspection of the public water supply system for GRAND PRAIRIE WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Dillan Crawford	LDH/OPH Region IV Engineering
Dustin Perron	Te-Mamou Water District & Grand Prairie Water Syst

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/12/2017	07/18/2017	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: At the time of the site visit no records of a working cross connection control plan were available for review. Please provide this office with documentation (test reports and/or copies of correspondences and a list of customers requiring backflow prevention) sent and received to and from customers concerning their responsibilities as it related to testing backflow prevention assemblies or installation of assemblies, where required. The water system must demonstrate that there is a working cross connection program.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
07/12/2017	07/18/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GROUND STORAGE TANK
Comments: The overflow pipe is not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen. ***(See Attachment A.1)***					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
07/12/2017	07/18/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GROUND STORAGE TANK
Comments: The level gauge for the ground storage tank is broken. The level gauge shall be repaired and brought back to working order, unless the water system implements another way of maintaining the water level in this structure. ***(See Attachment A.2)***					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
07/12/2017	07/18/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GROUND STORAGE TANK
Comments: The overflow on the ground storage tank must be brought down to an elevation between 12 and 24 inches above the ground surface and discharge over a drainage or splash plate. ***(See Attachment A.1)***					

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/12/2017	07/18/2017	Sanitary Survey, Finished	Minor	Source	1097002-002-WELL #2 - FURTHEST FROM FAUBOURG ROAD
Comments: The well is not equipped with a functioning check valve and a means of measuring flow. The check valve appeared to be broken at the time of the visit. A check valve and a means of measuring flow must be provided. ***(See Attachment A.3)***					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1097002-001 - WELL #1 - E WELL NEAR GD STORAGE TANK	Source	The well is currently inactive due to it pulling nothing but sand. The water system has no desire to put the well back into service. The well must be properly plugged and abandoned. All wells that are not being used as a source of water must be properly plugged and abandoned in accordance with all of Louisiana's applicable standards, rules and regulations. Upon completion, provide written documentation to LDH stating that the well has been properly plugged and abandoned.
FACILITY	**CATEGORY**	**FINDINGS**
1097002 002 WELL #2 - FURTHEST FROM FAUBOURG ROAD	Source	This well is currently inactive. At least two (2) sources of groundwater are not provided. The total developed groundwater source capacity must equal or exceed the design maximum day demand with the largest producing well out of service. A backup or emergency connection to another approved public water supply may suffice as a second source of water provided that source can meet the demand. All sources of water must be approved by LDH.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Dillan Crawford,
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
4005174	04/02/2019	CCR REPORT	
4005172	02/19/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
4005169	07/05/2018	FAILURE ADDRESS DEFICIENCY (GWR)	
4005168	06/29/2018	PUBLIC NOTICE RULE LINKED TO VIOLATION	

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5746.

Respectfully,

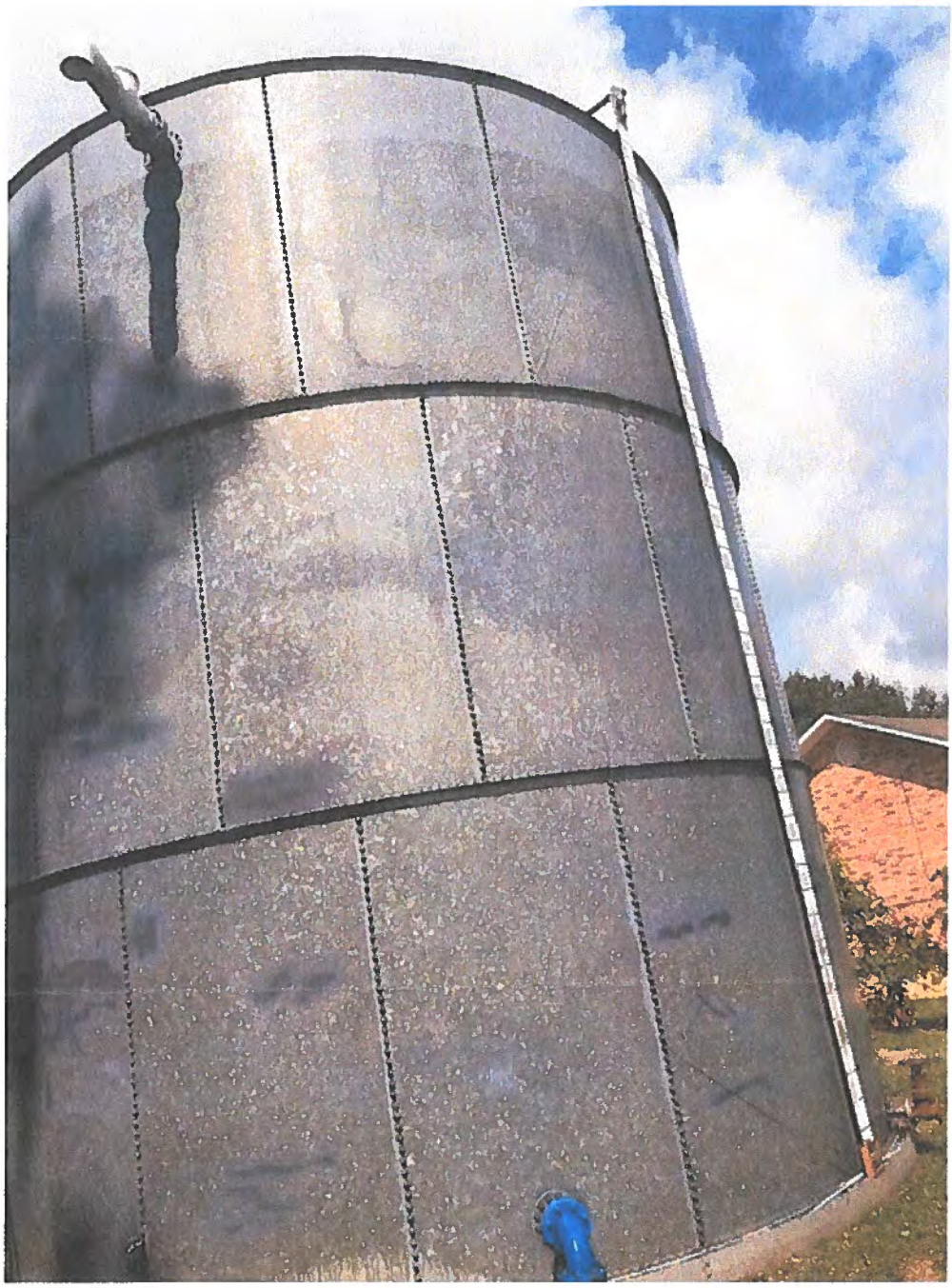
Dillan Crawford,

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering

Attachment A.1 Overflow pipe is not screened and it needs to be brought down 12 to 24 inches above splash pad

Category: **Storage**

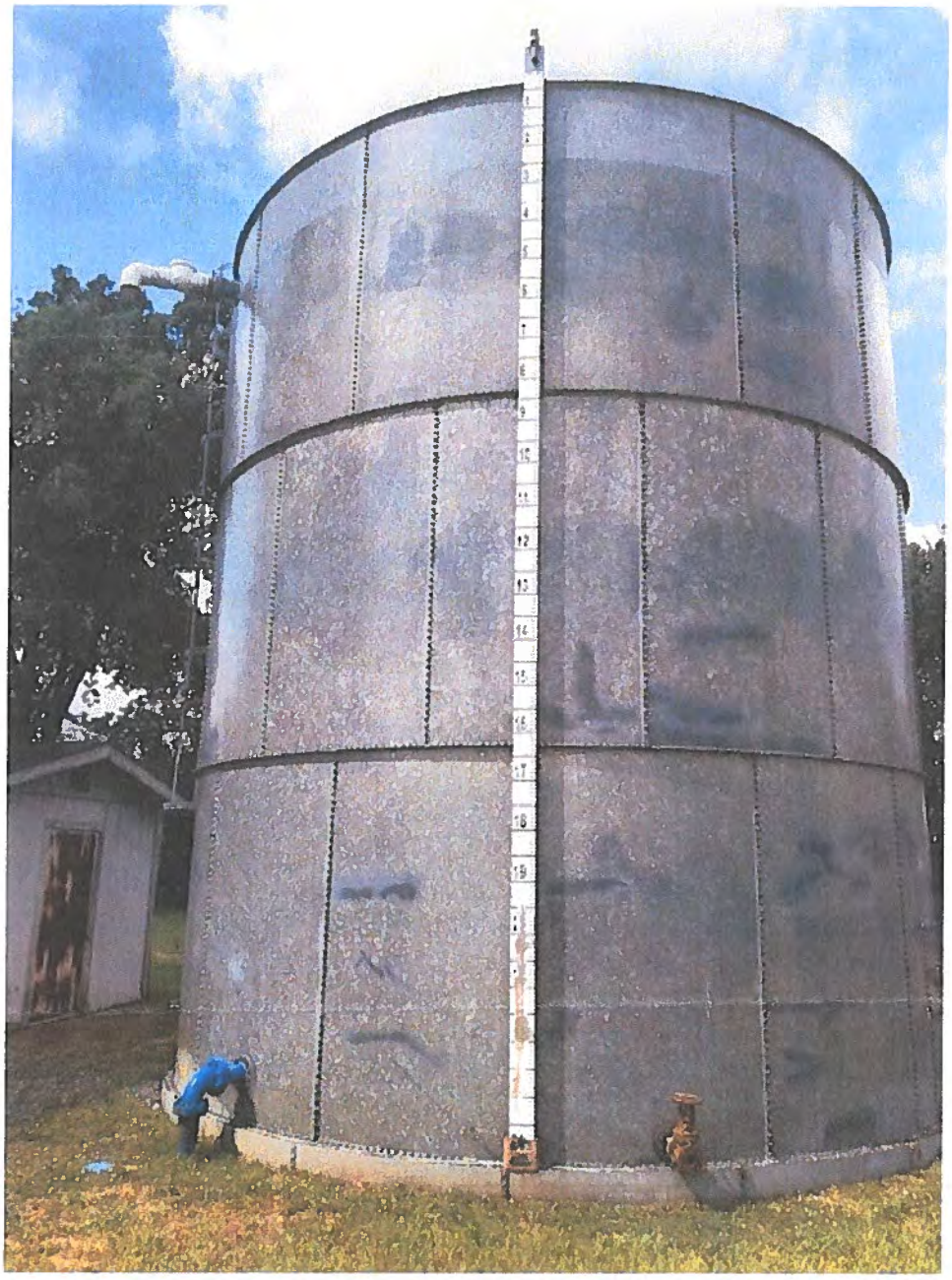
Facility Id: GR001-GROUND STORAGE TANK



Attachment A.2 Level Gauge is Broken

Category: **Storage**

Facility Id: GR001-GROUND STORAGE TANK



Attachment A.3 No Flow Meter

Category: **Source**

Facility Id: 1097002-002-WELL #2 - FURTHEST FROM FAUBOURG ROAD



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 1450 0000 1658 2832

February 28, 2019

Jimmy Fogleman
Morrow Water System, Inc.
P.O. Box 271
Morrow, LA 71356

Re: Class I Sanitary Survey
Morrow Water System Inc.
PWS ID #: LA 1097009
St. Landry Parish

Dear Mr. Fogleman:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 14, 2019 sanitary survey inspection of the public water supply system for Morrow Water System, Inc. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Hayden K. Keigley	LDH/OPH Region 4 Engineering
Brent T. Bouy	LDH/OPH Region 4 Engineering
Jimmy Fogleman	Morrow Water System, Inc.
Mayonce Franks	Morrow Water System, Inc.
Mary Normand	Morrow Water System, Inc.

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 Hydropneumatic Tank	Finished Water Storage	The hydropneumatic tank is not equipped with an approved sample tap. The finished water storage facility must be equipped with a smooth-nosed sampling tap. Install an approved tap on the hydropneumatic tank in a downturned direction to facilitate the collection of water samples for bacteriological and chemical analyses, when needed.
FACILITY	**CATEGORY**	**FINDINGS**
GR001 Ground Storage Tank	Finished Water Storage	The screen for the ground storage tank overflow pipe is not adequate. The overflow pipe for the ground storage tank must be screened with twenty-four mesh, non-corrodible screen. Install a twenty-four mesh, non-corrodible screen on the ground storage tank overflow pipe to provide sanitary protection at all times. **(See Attachment A-2)**
FACILITY	**CATEGORY**	**FINDINGS**
TP001 Treatment Plant	Treatment	The water system has only one chlorine gas cylinder installed. Systems that require chlorination to protect the water supply must have secondary gas cylinder installed with an automatic switchover mechanism. Weighing scales must be provided where chlorine gas is utilized for disinfection. Install a second chlorine gas cylinder with automatic switchover capabilities and a weighing scale to provide for continuous chlorine injection and continuous disinfection. **(See Attachments A-3 & A-4)**

FACILITY	CATEGORY	FINDINGS
TP001 Treatment Plant	Treatment	There is no secondary containment provided for the zinc orthophosphate being used for chemical treatment. Secondary containment must be provided for liquid chemical storage tanks to prevent uncontrolled discharge from accidental spillage, failure of the primary containment system or equipment failure. Provide a secondary means of containment with a sufficient containment volume for the zinc orthophosphate chemical storage tank.
FACILITY	**CATEGORY**	**FINDINGS**
1097009-004 Well #4 South Well	Source	The exhaust/relief piping for the air release-vacuum relief valve is not properly screened. The relief piping must be covered with a 24 mesh, corrosion resistant screen. Replace the current screening on the relief piping with a 24 mesh, non-corrodible screen to protect against potential entrance of contaminants. **(See Attachment A-1)**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH/OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 Treatment Plant	Treatment	The water system has only one zinc orthophosphate chemical feed pump installed. Systems which require chemical feed for protection of the water supply must have sufficiently sized replacement equipment on standby. Please provide documentation that a replacement chemical feed pump has been provided onsite for the zinc orthophosphate being used by the water system for treatment.

FACILITY	CATEGORY	FINDINGS
TP001 Treatment Plant	Treatment	The point of entry (POE) sampling site needs to be relocated for proper sampling. The POE sample tap must be smooth nosed and oriented in a downward position to collect samples for bacteriological and chemical analysis. The POE sampling site must be located after all treatment processes, pumps, and storage tanks on a common pipe headed to the distribution system prior to the first customer. The POE sampling site should be truly representative of the water being supplied to the customers. This task must be completed prior to the next POE sampling event by LDH. If not completed, the water system could receive a monitoring violation that requires public notice to all customers LDH Region 4 engineering staff can be reached at (337) 262-5634 to discuss appropriate locations for the new POE sample tap. **(See Attachment A-5)**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Hayden K. Keigley, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (337) 262-5634.

Respectfully,

Hayden K. Keigley, P.E.
LDH/OPH Engineer 4

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Mayonce Franks, Morrow Water System, Inc.

Attachments

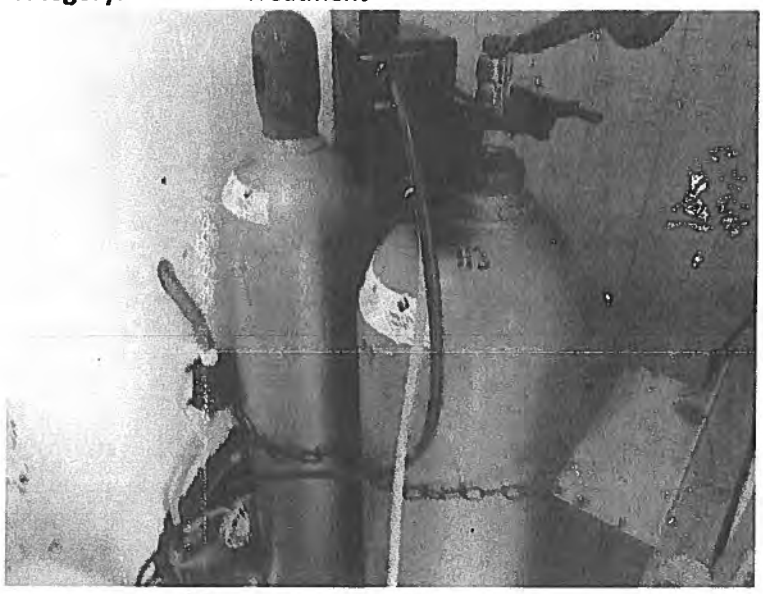
Attachment A-1: Inadequate Screen on Air Relief Piping/Exhaust
Facility ID: Well #4 – South Well
Category: Source



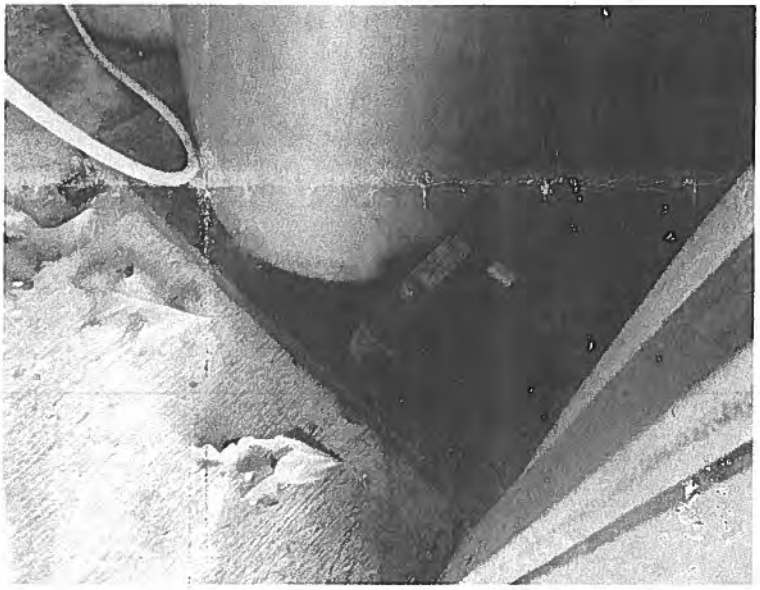
Attachment A-2: Inadequate Screen on Overflow Piping Discharge
Facility ID: Ground Storage Tank
Category: Finished Water Storage



Attachment A-3: Only One (1) Chlorine Gas Cylinder Installed
Facility ID: Treatment Plant
Category: Treatment



Attachment A-4: Only One (1) Weighing Scale for Chlorine Cylinder
Facility ID: Treatment Plant
Category: Treatment



Attachment A-5: POE Sampling Site Installed on Valve
Facility ID: Treatment Plant
Category: Treatment



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7014 2870 0001 8149 4619

January 22, 2019

Julius Alsandor
City of Opelousas Water System
PO Box 1879
Opelousas, LA 70571-1879

Re: Class I Sanitary Survey
City of Opelousas Water System
PWS ID LA1097010
St Landry Parish

Dear Alsandor:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 9, 2019 sanitary survey inspection of the public water supply system for City of Opelousas Water System (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Brent Bouy	LDH|OPH Region 4 Engineering
Brent Aymond	Opelousas City Of Water System
Michael Landry	City Of Opelousas Water Plant
Ebenezer Omojola	LDH|OPH Region 4 Engineering
Israel Roberts	City Of Opelousas Water Plant

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/20/2013	04/22/2013	Sanitary Survey, Finished	Minor	Source	1097010-003-WELL #6 -NW OF PLANT BY SLUDGE BASIN
Comments: Please provide the following information for the well: Draw Down Depth, Static Water Level Depth, Well Diameter, Total Well Depth, Depth of Grout, and Well Pump Capacity.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/20/2013	04/22/2013	Sanitary Survey, Finished	Minor	Source	1097010-004-WELL #7 - WEST OF CLECO ELEC SUBSTATION
Comments: Please provide the following information for the well: Draw Down Depth, Static Water Level Depth, Well Diameter, Total Well Depth, Depth of Grout, and Well Pump Capacity.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/20/2013	04/22/2013	Sanitary Survey, Finished	Minor	Source	1097010-007-MEDSOUTH WELL #1 - NEXT TO PLANTGATE
Comments: Please provide the following information for the well: Draw Down Depth, Static Water Level Depth, Well Diameter, Total Well Depth, Depth of Grout, and Well Pump Capacity.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/20/2013	04/22/2013	Sanitary Survey, Finished	Minor	Source	1097010-008-WELL #8 - AT PLNT ENTR BY GENERATOR
Comments: Please provide the following information for the well: Draw Down Depth, Static Water Level Depth, Well Diameter, Total Well Depth, Depth of Grout, and Well Pump Capacity.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/20/2013	04/22/2013	Sanitary Survey, Finished	Minor	Source	1097010-009-WELL #2- ON RAILROAD

					AVE BY OLD CLR WELL
Comments: Please provide the following information for the well: Draw Down Depth, Static Water Level Depth, Well Diameter, Total Well Depth, Depth of Grout, and Well Pump Capacity.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/20/2013	04/22/2013	Sanitary Survey, Finished	Minor	Source	1097010-012-MEDSOUTH WELL #2 - NEXT TO GRND STORAGE
Comments: Please provide the following information for the well: Draw Down Depth, Static Water Level Depth, Well Diameter, Total Well Depth, Depth of Grout, and Well Pump Capacity.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	The security fence surrounding Well #7 is not tall enough to prevent unauthorized access and is in disrepair. The well must be located inside of a continuous, climb-resistant fence that is at least six feet in height. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	There is no customer list with backflow devices being managed by the water system and up-to-date testing reports for the cross connection control devices could not be confirmed. A customer listing should be compiled showing applicable customers and installed devices. All commercial customers should be assessed for proper backflow prevention devices. The water system should have a procedure for addressing existing customers that do not currently have the required protection device or a current inspection report. All cross connection control devices must be tested annually by a certified tester.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	This office was made aware that Ventrua Foods in Opelousas has a private well as a water source to serve its facilities during a failed/compromised public water system. The use of a non-potable source is prohibited when there is a connection to a public water system. There shall be no physical connection between a public water supply and any other water supply which is not of equal sanitary quality and under an equal degree of official supervision. The City of Opelousas is

		responsible for managing contamination risks from its customer base. The City of Opelousas must communicate and oversee the discontinued use of the existing private well in conjunction with the available domestic meter.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Bacteriological and chemical test result reports from the laboratory shall be kept on file and retained for not less than ten (10) years. During the sanitary survey, the test results were not available for review. All such records shall be made available for review during inspections and sanitary surveys of the public water system performed by LDH.
FACILITY	CATEGORY	FINDINGS
GR002 - MEDSOUTH WELL GROUND STORAGE	Finished Water Storage	The screen for the ground storage overflow pipe is damaged. The overflow pipe must be screened with a twenty-four mesh, non-corrodible screen. Replace the damaged screen to provide sanitary protection at all times. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1097010-007 - MEDSOUTH WELL #1 - NEXT TO PLANTGATE	Source	The air release-vacuum relief valve is not equipped with an exhaust/relief piping terminating in a down-turning position. Add the exhaust/relief piping to terminate in a down-turned position at least 18 inches above floor level and be covered with a 24 mesh corrosion resistant screen. **See Attachment #6**
FACILITY	CATEGORY	FINDINGS
1097010-007 - MEDSOUTH WELL #1 - NEXT TO PLANTGATE	Source	The chlorine injection point at the discharge piping is leaking with noticeable corrosion in the area. Repair the leak and replace any piping/connection that show signs of corrosion near the area of the chlorine injection point to eliminate the potential for contamination. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1097010-004 - WELL #7 - WEST OF CLECO ELEC SUBSTATION	Source	The well's discharge piping is not equipped with a flow-measuring device and the check valve needs to be replaced. A means for measuring flow shall be provided and the discharge piping shall be equipped with a working check valve. Install a device to measure flow to detect any changes in operating conditions and a working check valve.
FACILITY	CATEGORY	FINDINGS
1097010-008 - WELL #8 - AT PLNT ENTR BY	Source	The well's discharge piping is not equipped with a flow-measuring device. A means for measuring flow must be provided. Install a device to measure flow to detect any

GENERATOR		changes in operating conditions.
FACILITY	CATEGORY	FINDINGS
1097010-009 - WELL #2- ON RAILROAD AVE BY OLD CLR WELL	Source	The well's discharge piping is not equipped with a flow-measuring device. A means for measuring flow must be provided. Install a device to measure flow to detect any changes in operating conditions.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - WELLS #2,#6,#7,#8 TREATMENT PLNT	Treatment	The water system filter gallery piping coating is showing signs of rust, corrosion, and flaking paint. The piping shall be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. It is recommended that the pipe have a color scheme to support the quality of water in each pipe. In situations where two colors do not have sufficient contrast to easily differentiate between them, a six-inch band of contrasting color should be on one of the pipes at approximately 30 inch intervals. The name of the liquid should also be on the pipe. In some cases it may be advantageous to provide arrows indicating the direction of flow. **See Attachment #5 and #4**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Brent Bouy, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
4010462	08/01/2018	LEAD CONSUMER NOTICE (LCR)	01/01/2015 - 12/31/2017

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5316.

Respectfully,

Brent Bouy, P.E.
Region 4 Engineer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

Attachments



Attachment #1
Facility ID: WELL #7 - WEST OF CLECO ELEC SUBSTATION
Category: Security



Attachment #2
Facility ID: MEDSOUTH WELL #1 - NEXT TO NTGATE
Category: Source

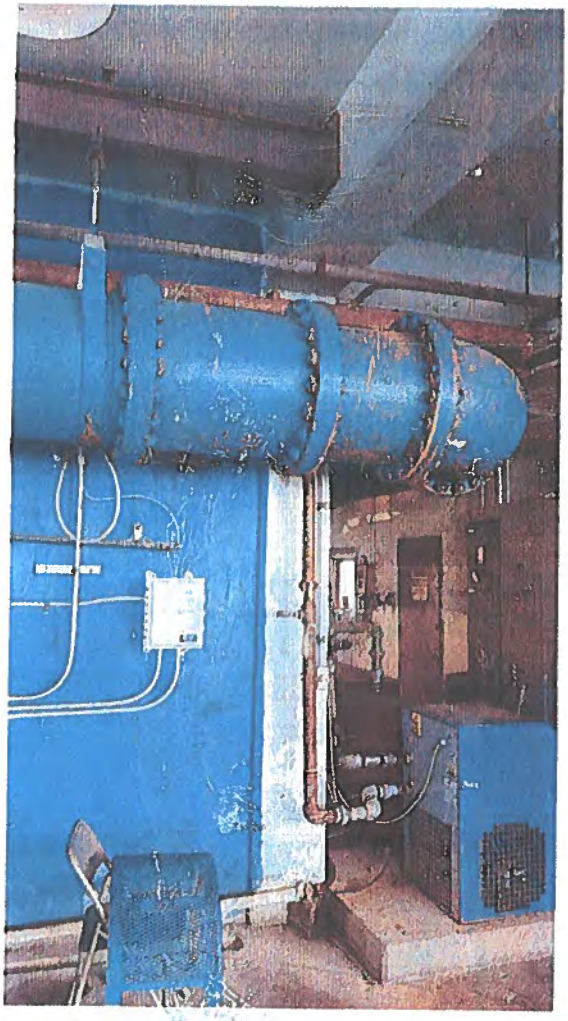
Office of Public Health • Acadian Region IV

825 Kaliste Saloom Rd • Brandywine 3 • Ste. 100 • Lafayette, Louisiana 70508
Phone #: 337-262-5311 • Fax #: 337-262-5638 • www.ldh.la.gov

"An Equal Opportunity Employer"



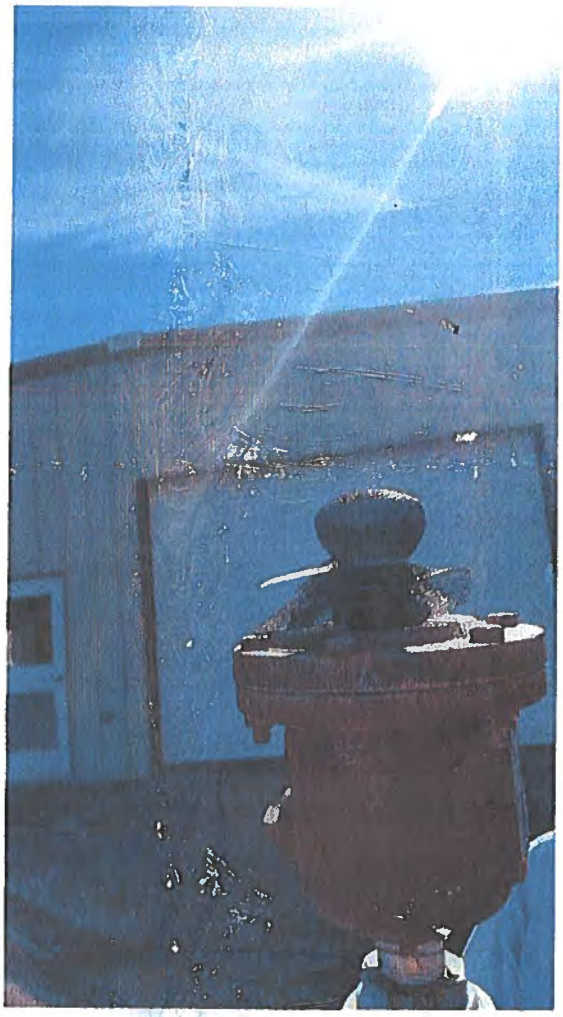
Attachment #3
Facility ID: MEDSOUTH WELL GROUND STORAGE
Category: Finished Water Storage



Attachment #4
Facility ID: WELLS #2,#6,#7,#8 TREATMENT PLNT
Category: Treatment



Attachment #5
Facility ID: WELLS #2,#6,#7,#8 TREATMENT PLNT
Category: Treatment



Attachment #6
Facility ID: MEDSOUTH WELL #1 - NEXT TO PLANTGATE
Category: Source

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 0530 0000 1957 5099

April 22, 2019

Carroll Snyder
TOWN of KROTZ SPRINGS WATER SYSTEM
P O Box 218
Krotz Springs, LA 70750

Re: Class I Sanitary Survey
TOWN of KROTZ SPRINGS WATER SYSTEM
PWS ID LA1097003
ST LANDRY Parish

Dear Mayor Snyder:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 16, 2019 sanitary survey inspection of the public water supply system for TOWN of KROTZ SPRINGS WATER SYSTEM. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Steven R. Joubert	OPH-Region V Engineering
Brent Bouy	OPH-Region IV Engineering
Hayden K. Keigley	OPH-Region IV Engineering
Nina Snyder	Town Of Krotz Springs Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The water system has a program in place to support Cross Connection Control. There are available testing results for known devices. From conversation and a review of the customer accounts, additional investigation is needed to make sure the Town of Krotz Springs has adequately assessed the customer inventory for risk. Provide evidence of an assessment of the customer base for Cross Connection Control risks. A new list of applicable customers is needed. The Town of Krotz Springs must also support a list of customers without adequate protection requiring the need to install a device, if applicable. A review of protection of multiple units downstream of a master valve must be reviewed; multiple units are required to be protected by a testable double check valve assembly. Installation of devices must be according to the adopted program policy and must end in termination of services, if the customer is not compliant with the request. Please feel free to contact this office for any assistance at 1-337-475-3214. Containment practices are prescribed in and required by the state Uniform Construction Code, LAC 17:1 with reference to the International Plumbing Code and CAN/CSA-B64.10-94 Manual for the Selection, Installation, Maintenance, and Field Testing of Backflow Prevention Devices.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The well discharge piping has an unprotected hose bib connection without an atmospheric vacuum breaker installed. An atmospheric vacuum breaker must be installed on the hose bib to protect against contamination. A control valve placed at the end of the a hose used at this location voids this protection. A hose used for washdown, with or without a control valve, should be removed and stored when not being used. Install an atmospheric vacuum breaker on the hose bib connection. **(See Attachment A.1.)**

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TOWER	Finished Water Storage	From review, the finished water storage facility (elevated tower) should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages interior or exterior conditions. It was stated during the survey that the protective light on top of the tower needs to be replaced. In addition to exterior cleaning and/or painting, the interior surfaces of the finished water storage facility could benefit from an inspection.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TOWER	Finished Water Storage	The splash plate for the elevated tower overflow is not effective and does not allow for appropriate discharge of the tower's overflow with proper drainage away from the tower's foundation. The splash plate boundaries must be addressed. Proper grading away from the tower's foundation is needed to prevent erosion around the foundation of the tower that could compromise the structural integrity of the tower. **(See Attachment A.2.)**
FACILITY	CATEGORY	FINDINGS
TP001 - WELL #2 TREATMENT	Treatment	The ventilating fan is currently not operational. Either the fan is broken or there is an electrical issue. The chlorine room must be equipped with a working ventilating fan.
FACILITY	CATEGORY	FINDINGS
1097003-002 - WELL #2 - HILL WELL	Source	The flowmeter for the well appears to be broken. The well must provide for a means of measuring flow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP002 - WELL #3 TREATMENT	Treatment	The chlorine feed room is not equipped with an inspection window. A shatter resistant inspection window is required where chlorine gas is feed.
FACILITY	CATEGORY	FINDINGS
TP002 - WELL #3 TREATMENT	Treatment	The chlorine gas cylinders are not properly protected from direct sunlight. Full and empty chlorine gas cylinders must be properly protect from direct sunlight. **(See Attachment A.3.)**
FACILITY	CATEGORY	FINDINGS
TP001 - WELL #2 TREATMENT	Treatment	The chlorine gas cylinders are not properly protected from direct sunlight. Full and empty chlorine gas cylinders must be properly protect from direct sunlight. **(See Attachment A.4.)**
FACILITY	CATEGORY	FINDINGS
TP002 - WELL #3 TREATMENT	Treatment	The point of entry (POE) site needs to be relocated for proper sampling. The tap must be located after all treatment processes, pumps, and storage tanks and prior to the first customer. The POE sampling site should be truly representative of the water being supplied to the customers. The tap will be placed on the discharge pipe of the well after treatment near the fence OR the tap will be placed on the discharge line leaving the elevated storage tank. The water system must produce a schematic to confirm the appropriate location of the POE. The sampling point on the prelube line feeding the water well is not appropriate for sampling. The tap must be properly established prior to the next POE sampling event by LDH. If not completed, the water system could receive a monitoring violation that requires public notice to all customers.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southwest Region V
Attn: Steven R. Joubert, P.E.
707-A East Prien Lake Road
Lake Charles, Louisiana 70601

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-475-3214.

Respectfully,

Steven R. Joubert, P.E.
District III Engineer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments:

Attachment A.1. **Unprotected Hose Bibb at Well**
Facility ID: **DS0950 - DISTRIBUTION SYSTEM**
Category: **Distribution System**



Attachment A.2. **Effectiveness of Splash Pad**
Facility ID: **EL001 - ELEVATED TOWER**
Category: **Finished Water Storage**



Attachment A.3. **Direct Sunlight on Gas Cylinders**
Facility ID: **TP002 - WELL #3 TREATMENT**
Category: **Treatment**



Attachment A.4. **Direct Sunlight on Gas Cylinders**
Facility ID: **TP001 - WELL #2 TREATMENT**
Category: **Treatment**



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7007 2560 0003 2846 3481

October 25, 2019

Jonny Timmons
Lawtell Water Works District No 1
P O Box 609
Lawtell, LA 70550

Re: Class I Sanitary Survey
Lawtell Water Works District No 1
PWS ID #: LA1097004
St Landry Parish

Dear Mr. Timmons:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 7, 2019 sanitary survey inspection of the public water supply system for Lawtell Water Works District No 1. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Brent Bouy	LDH/OPH Region IV Engineering
Michael Landry	City Of Opelousas Water Plant

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The piping and softeners in the treatment plant are severely corroded. They must be cleaned and inspected to make sure they do not need to be replaced. If piping and softeners do not need replacing, then treat and paint to resist further corrosion and deterioration that could lead to a potential source of contamination. **See Attachment #9, #7, #8 and #10**
FACILITY	**CATEGORY**	**FINDINGS**
1097004-001 - WELL #1 - NORTHEAST WELL	Source	The well is equipped with an approved sample tap, but it is not located upstream of the well discharge line check valve. An approved sample tap must be located upstream of the well discharge line check valve and shall terminate in a downward direction. The sample tap must be the smooth nozzle type. The area under and around the tap must accommodate sample containers which could be as large as a one gallon plastic milk jug without having to tilt the container to place under and remove from under the tap. A minimum clearance of 12 inches must be provided underneath the raw water sample tap. **See Attachment #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	During the survey, it was apparent that the procedures used by the water system to check daily chlorine residuals are incorrect. Low range chlorine residuals need to be recorded to two decimal places. Personnel must review instructional materials on the correct operation of the equipment that is being used to sample for chlorine residuals.
FACILITY	**CATEGORY**	**FINDINGS**
EL001 - ELEVATED TOWER	Finished Water Storage	The overflow pipe for the elevated tower is not screened. The overflow pipe must be screened with a non-corrodible, four mesh screen and securely installed to provide protection at all times. **See Attachment #6**

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	The chlorine gas room currently has an air intake louver not installed in the correct location. The chlorine gas room must be constructed with an air intake located near the ceiling. Install a screened air intake louver or openings near the ceiling to properly ventilate the chlorine gas room. Air movement should be through screened louvers or openings near the ceiling. Every square foot of space requires at least 1 square inch of effective opening for proper ventilation. **See Attachment #5**
FACILITY	**CATEGORY**	**FINDINGS**
1097004-002 - WELL #2 - SOUTHWEST WELL	Source	During the survey, there was one (1) leak observed at the well. There is leakage in the well's piping. Water systems that provide potable water to customers must prevent leakage within system facilities by keeping equipment properly maintained at all times. The leak needs be repaired immediately. **See Attachment #4**
FACILITY	**CATEGORY**	**FINDINGS**
1097004-001 - WELL #1 - NORTHEAST WELL	Source	The air release-vacuum relief valve is not equipped with relief piping in the proper orientation. The air release-vacuum relief valve must be equipped with exhaust/relief piping terminating in a down-turned position at least 18 inches above the floor and covered with a 24 mesh corrosion resistant screen. **See Attachment #1**
FACILITY	**CATEGORY**	**FINDINGS**
1097004-002 - WELL #2 - SOUTHWEST WELL	Source	The screen on the casing vent needs to be replaced. The well must be equipped with a downturned casing vent with appropriate non-corrodible, 24 mesh screening. It must be installed at a minimum height of 24 inches above the grade or floor and must have a minimum diameter of 1/2 inches. **See Attachment #3**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	The chlorine feed room does not have a door equipped with panic hardware or an inspection window. The chlorine feed room shall be provided with a door that is equipped with panic hardware and a shatter resistant inspection window to assure a ready means of exit. **See Attachment #5**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Brent Bouy, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation No.	Violation Date	Violation Type	Compliance Period
4008134	06/20/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2019 - 06/30/2019

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5316.

Respectfully,

Brent Bouy, P.E.
Region IV Engineering

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

Attachments



Attachment #1
Facility ID: WELL #1 - NORTHEAST WELL
Category: Source



Attachment #2
Facility ID: WELL #1 - NORTHEAST WELL
Category: Source



Attachment #3
Facility ID: WELL #2 - SOUTHWEST WELL
Category: Source



Attachment #4
Facility ID: WELL #2 - SOUTHWEST WELL
Category: Source



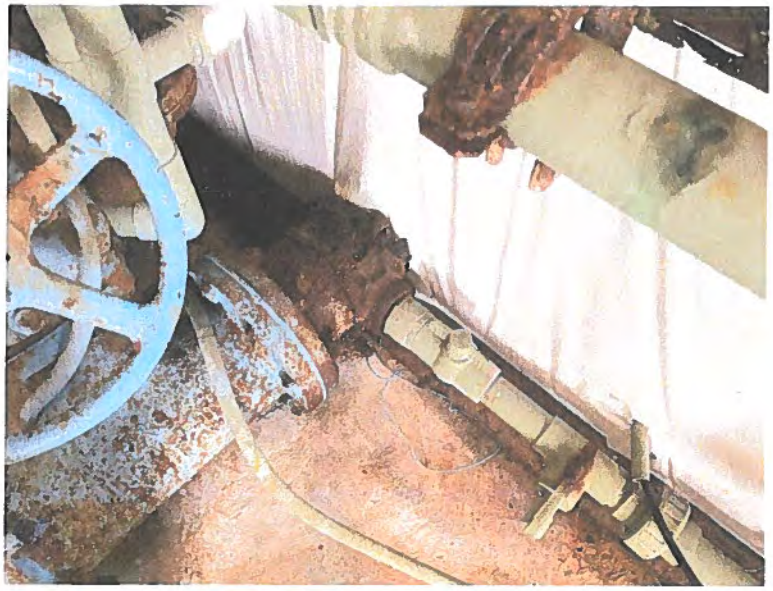
Attachment #5
Facility ID: TREATMENT PLANT
Category: Treatment



Attachment #6
Facility ID: ELEVATED TOWER
Category: Finished Water Storage



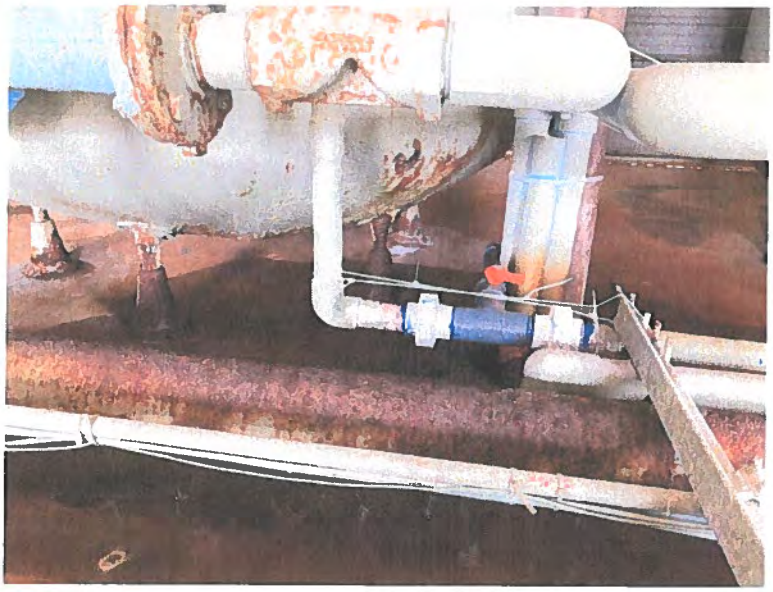
Attachment #7
Facility ID: TREATMENT PLANT
Category: Other



Attachment #8
Facility ID: TREATMENT PLANT
Attachment Comments:



Attachment #9
Facility ID: TREATMENT PLANT
Category: Other



Attachment #10
Facility ID: TREATMENT PLANT
Category: Other

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 1450 0000 1658 2481

July 26, 2019

Mayor Velma D. Hendrix
Town of Melville Water System
P.O. Box 268
Melville, LA 71353

Re: Class I Sanitary Survey
Town of Melville Water System
PWS ID#: LA 1097007
St. Landry Parish

Dear Mayor Hendrix:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 9, 2019 sanitary survey inspection of the public water supply system for Town of Melville Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Hayden K. Keigley	LDH/OPH Region IV Engineering
Dillan R. Crawford	LDH/OPH Region IV Engineering
Paul Dupont	Town of Melville Water System
Jeff Staples	Cenla Environmental Science

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/17/2018	10/23/2018	Water Treatment Plant Site Visit	Significant	Other	Management
Comments: During a site visit performed by LDH on October 23, 2018, it was noted that the system was having issues with leaks throughout the distribution system. All potable water distribution systems must be designed, constructed, and maintained to prevent leakage of water due to defective materials, improper jointing, corrosion, settling, impacts, freezing, or other causes. Immediate action needs to be taken by the public water system to repair the leaks within the distribution system to eliminate possible contamination and ensure safe drinking water is being provided to the customers. Repairing the leaks will reduce the excessive water loss and decrease the cost of chlorine being used for disinfection as reported on by the water system. Several time extension requests have been provided by the water system and approvals has been granted by the District Engineer with the understanding that the reoccurring leaks will be addressed upon completion of Phase 2 of the water system improvements project under the supervision of the RWIC program that was created to assist public water systems.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
07/12/2017	07/13/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001 Elevated Tower #1
Comments: All exterior metal surfaces of elevated towers used for water storage must have protection from weathering and shall be maintained by paints or other protective coatings and cathodic protection devices. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 5 to 10 years is recommended. It appears that the elevated tower is experiencing severe signs of corrosion. The paint shows signs of severe flaking. It is strongly recommended that the elevated tower be inspected and appropriate preventative maintenance be performed to avoid further corrosion issues and potential structural failure.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	From review, it appears that the elevated tower is continually experiencing severe signs of corrosion. Finished water storage facilities are generally maintained and inspected on a routine basis within a recommended period between 3 to 5 years. The water system does not have any recent inspection reports to support the condition of the elevated towers interior or exterior conditions. Per LAC 51:XII 225.S, proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. The elevated storage tower must be painted and/or cathodic protection must be provided to prevent further rusting and corrosion. In addition to exterior cleaning and/or painting, the interior surfaces of the finished water storage facility could benefit from an inspection.

FACILITY	CATEGORY	FINDINGS
1097007-001 Well #1 North Well	Source	The well has been physically disconnected and is currently inactive. Per LAC 51:XII.331.A, abandoned water wells and well holes shall be plugged in accordance with the Louisiana Water Well Rules, Regulations and Standards. All wells that are not being used as a source of water must be properly plugged and abandoned in accordance with LAC 56, Part I, Water Wells. Consult with a Louisiana licensed well driller. Upon completion, provide written documentation to LDH stating that the well has been properly plugged and abandoned. **(See Attachment A-1)**
FACILITY	**CATEGORY**	**FINDINGS**
1097007-002 Well #2 South Well	Source	There is only one active well being used as a groundwater source to provide service to the public water system. Per LAC 51:XII.169.B.2, community water systems that use groundwater as the source of water supply shall have a minimum of two approved and active groundwater wells. A connection to another approved water supply of sufficient capacity may also be provided as a secondary source. Provide for at least two (2) approved sources of water. Consult with a Louisiana licensed Professional Engineer or licensed well driller as necessary. Discuss actions with LDH prior to taking action. Please contact LDH for questions related to public notification in lieu of construction.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1097007-002 Well #2 South Well	Source	The pressure gauge on the well's discharge piping located upstream of the check valve is not operational. Per LAC 51:XII.169.H.3.a.iv, the discharge piping shall be equipped with a pressure gauge. Repair or replace the existing pressure gauge to detect any changes in operating conditions. **(See Attachment A-2)**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

The water system does not have any meters installed for the customers being supplied within the distribution system. All customers should be metered. Metering is important for the following reasons:
1) It makes it possible to charge customers in proportion to the amount of water they use.
2) It allows the utility to demonstrate accountability.
3) It encourages customers to conserve water, especially as compared to flat rates.
4) It aids in the detection of leaks and waterline breaks in the distribution system.
5) It also has the potential to significantly reduce water use by various means, as well as water production costs.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Hayden K. Keigley, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation No.	Violation Date	Violation Type	Compliance Period
4003537	06/18/2019	5% Distribution System Below Minimum 0.50 mg/L - 2 Consecutive Months (GW)	06/01/2019 - 06/30/2019
4003536	06/04/2019	Failure Address Deficiency (GWR)	
4003535	05/30/2019	Inadequate Minimum Chlorine Residual (GW & SW)	05/01/2019 - 05/31/2019

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (337) 262-5634.

Respectfully,

Hayden K. Keigley, P.E.
Engineer 4

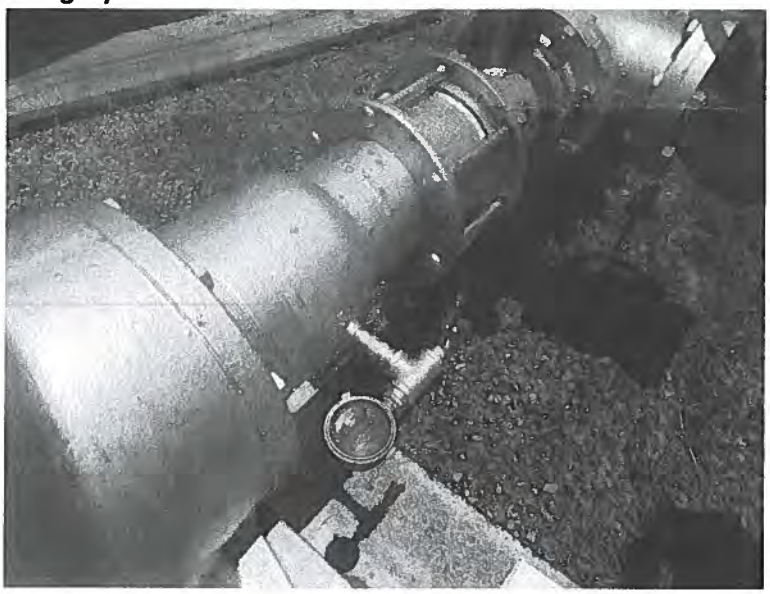
cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Paul Dupont, Maintenance Superintendent, Town of Melville
Hammy Duplechin, Contract Designated Operator, Cenla Environmental Science
Ashley Mandolfo, Cenla Environmental Science

Attachments

Attachment A-1: Inactive Well Must be Plugged and Abandoned
Facility ID: Well #1 – North Well
Category: Source



Attachment A-2: Pressure Gauge is not Functional
Facility ID: Well #2 – South Well
Category: Source



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7014 2870 0001 8149 4640

February 28, 2019

Donald Pitre
Midway Water System Inc
9359 Hwy 105
Melville, LA 71353

Re: Class I Sanitary Survey
Midway Water System Inc Public Water System
PWS ID LA1097008
St Landry Parish

Dear Mr. Pitre:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 14, 2019 sanitary survey inspection of the public water supply system for Midway Water System Inc (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Brent Bouy	LDH/OPH Region 4 Engineering
Hayden K. Keigley	LDH/OPH Region 4 Engineering
Donald Pitre	Midway Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/27/2016	11/21/2016	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: Records of chemical analyses shall be kept for not less than 10 years and shall be made available for review during inspections/sanitary surveys performed by the state health officer. Please provide copies of the Disinfectants and Disinfectant Byproduct (DDBP) sampling results for the last three years.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
10/27/2016	11/21/2016	Sanitary Survey, Finished	Minor	Treatment	TP001-WELL#2 TREATMENT
Comments: Tanks and tank refilling line entry points shall be clearly labeled with the name of the chemical contained. Please provide photographs of weatherproof labeling for the chlorine storage tank.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The water system has no sodium hypochlorite on site to disinfect the water being produced. Disinfection is mandatory and must be provided for all public water systems. The chemical solution tank is empty and needs to be refilled in order to have continuous disinfection.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	In order to protect its water supply from potential contamination, each water supplier must develop and implement an effective comprehensive written backflow prevention plan outlining the policies and procedures it will used to ensure that the water supply is protected against potential contamination from backflow. Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customer who fail to

		install, maintain, field test, or report the results of the field test for containment assemblies or methods.
FACILITY	CATEGORY	FINDINGS
TP001 - WELL#2 TREATMENT	Treatment	General equipment design shall be such that feeders will be able to supply, at all times, the necessary amounts of sodium hypochlorite. Currently, the piping and injection pump that feeds the sodium hypochlorite are disconnected and unable to feed the necessary amounts. Reconnect piping and injection pump to feed the sodium hypochlorite. **See Attachment #5 and #6**
FACILITY	CATEGORY	FINDINGS
1097008-002 - WELL #2	Source	There is only one (1) active well being used to provide service to the public water system. At least two (2) sources of groundwater are not provided. At least two (2) sources of groundwater must be provided. The total developed groundwater source capacity, unless otherwise specified by the reviewing authority, shall equal or exceed the design maximum day demand with the largest producing well out of service. A backup or emergency connection to another approved public water supply may suffice as a second source of water provided that source can meet demand. All sources of water must be approved by the LDH. **See Attachment #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Chemical test result reports from the laboratory shall be kept on file and retained for not less than ten (10) years. During the sanitary survey, the lead and copper test results were not available for review. All such records shall be made available for review during inspections and sanitary surveys of the public water system performed by LDH.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Chlorine residuals must be monitored daily at the water production (POE) site(s) and recorded on the approved LDH Report #1. A critical point (MRT), the location in the water system furthest from treatment, must be monitored daily and recorded on the approved LDH Report #2. An additional chlorine residual check must be made monthly at the approved ACR site(s) and recorded on the approved LDH Report #3. These sampling points were established for the water system

		during the submittal of the Monitoring Plan on the Monitoring Portal website. A free chlorine residual of 0.50 mg/L is required at all times and at all locations tested. Begin measuring the residuals daily at the approved locations described using a digital chlorine analyzer and recording on signed and dated "LDH Approved Chlorine Residual Forms" which can be found on LDH's website using the following link: http://new.dhh.louisiana.gov/index.cfm/page/1725. Please send Region 4 office a copy of the next three (3) months of properly recorded, chlorine residual forms. **See Attachment #7**
FACILITY	CATEGORY	FINDINGS
HD003 - PRESSURE TANK #3	Finished Water Storage	The tank is not equipped with a water site glass. A water site glass must be provided. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
TP001 - WELL#2 TREATMENT	Treatment	During the sanitary survey, a free chlorine residual reading of 0.00 mg/L was observed at the point of entry sampling site. This indicates that the minimum free chlorine residual is not being maintained throughout the distribution system. Under the direction of the designated operator, make necessary adjustments to the quantity of disinfection being injected to ensure the proper minimum free chlorine residual of 0.50 mg/L is present throughout the distribution system at all times.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Brent Bouy, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
554	11/05/2018	LEAD & COPPER RULE	01/01/2016 - 12/31/2018
548	07/03/2018	CHLORINE	06/01/2018 - 06/30/2018
549	07/03/2018	E. COLI	06/01/2018 - 06/30/2018

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
559	02/19/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
560	02/19/2019	PUBLIC NOTICE	

		RULE LINKED TO VIOLATION	
557	02/14/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	01/01/2019 - 01/31/2019
558	02/14/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	02/01/2019 - 02/28/2019
556	12/13/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	12/01/2018 - 12/31/2018
553	11/01/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	11/01/2018 - 11/30/2018
552	10/26/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	10/01/2018 - 10/31/2018
551	09/21/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	09/01/2018 - 09/30/2018
550	08/13/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018
547	05/23/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	05/01/2018 - 05/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5316.

Respectfully,



Brent Bouy, P.E.
Engineer V

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

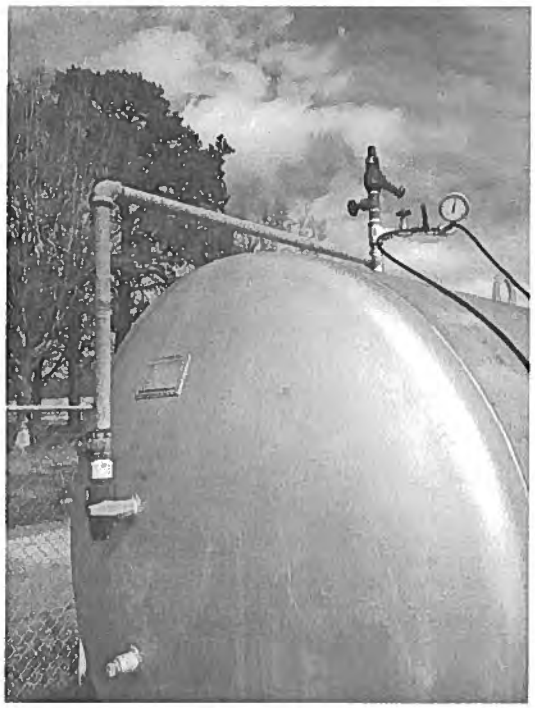
John Bel Edwards
GOVERNOR

Attachments

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health



Attachment #1
Facility ID: PRESSURE TANK #3
Category: Finished Water Storage



Attachment #2
Facility ID: WELL #2
Category: Source

Office of Public Health ▪ Acadian Region IV

825 Kaliste Saloom Rd ▪ Brandywine 3 ▪ Ste. 100 ▪ Lafayette, Louisiana 70508
Phone #: 337-262-5311 ▪ Fax #: 337-262-5638 ▪ www.ldh.la.gov

"An Equal Opportunity Employer"



Attachment #5
Facility ID: WELL#2 TREATMENT
Category: Treatment



Attachment #6
Facility ID: WELL #2 TREATMENT
Category: Treatment



Attachment #7
Facility ID: WELL#2 TREATMENT
Category: M&R and Data Verification

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7014 2870 0001 8149 3551

April 29, 2019

Mark Budden
Village of Palmetto Water System
P.O. Box 220
Palmetto, LA 71358

Re: Class I Sanitary Survey
VILLAGE of PALMETTO WATER SYSTEM
PWS ID LA1097011
ST LANDRY Parish

Dear Mayor Budden:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 9, 2019 sanitary survey inspection of the public water supply system for VILLAGE of PALMETTO WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Brent Bouy	LDH/OPH Region IV Engineering
Hayden K. Keigley	LDH/OPH Region IV Engineering
Reginald Pitcher	Village Of Palmetto Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/06/2017	02/10/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GROUND STORAGE TANK #1 - EAST
Comments: The caulking used to fasten the twenty-four mesh screen to the inside of the overflow pipe for the East ground storage tank has detached and needs to be serviced, or replaced.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/06/2017	02/10/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GROUND STORAGE TANK #1 - EAST
Comments: The overflow drain for the ground storage tank does not discharge above an inlet structure or splash plate, which leaves the tank foundation susceptible to washout erosion. The water system must make provisions to provide a splash plate to route discharged overflow water away from the foundation of the storage tank.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/06/2017	02/10/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR002-GROUND STORAGE TANK #2 - WEST
Comments: The overflow drain for the ground storage tank does not discharge above an inlet structure or splash plate, which leaves the tank foundation susceptible to washout erosion. The water system must make provisions to provide a splash plate to route discharged overflow water away from the foundation of the storage tank.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/06/2017	02/10/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: Chlorine residuals must be monitored and recorded daily at the water production point-of-entry (POE) site (3921 Highway 360 - Well Site) and at the critical maximum-residence-time (MRT) site located furthest from treatment in the water system (POC#8 - 13677 Highway 105). Additionally, the chlorine residual must be monitored once a month at the designated system ACR site (POC#9 - 179 Carmons Road). All sites can be reviewed in the system monitoring plan in the Monitoring Portal website: https://www.ldhh-mpp.org/index.html. A free chlorine residual of 0.5 mg/L is required at all times and at all locations tested. Residuals must be recorded on the "LDH Approved Chlorine Residual Forms", which can be found at: http://new.dhh.louisiana.gov/index.cfm/page/1725.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/06/2017	02/10/2017	Sanitary Survey, Finished	Minor	Source	1097011-001-WELL #1 - MIDDLE
Comments: The middle well (Well # 1) is not equipped with a means of measuring flow at a point where positive pressure is maintained. The water system must make provisions to install a flow meter downstream of the check valve.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/06/2017	02/10/2017	Sanitary Survey, Finished	Minor	Source	1097011-003-WELL #3 - SOUTH WELL
Comments: The southernmost well (Well # 3) is not equipped with a means of measuring flow at a point where positive pressure is maintained. The water system must make provisions to install a flow meter downstream of the check valve.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/06/2017	02/10/2017	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT PALNT #1 - WELL SITE
Comments: There is no ventilating fan present in the chlorine gas room at the well site. The chlorine gas room must be equipped with an operational ventilating fan capable of providing one complete air change per minute when the room is occupied. A lesser rate may be considered due to the size of the room. The ventilating fan shall be located near the floor as far as practical from the door and air inlets.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/06/2017	02/10/2017	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT PALNT #1 - WELL SITE
Comments: The chlorine gas room shall be provided with a shatter resistant inspection window and separate switches for the fan and lights located outside of the chlorine room at the inspection window.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	The tree line has overgrown the security fence for the water system facilities in some areas. Provisions must be made to trim the surrounding trees to prevent damage to the security fence **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The water system is permitted and identified in the Louisiana Monitoring Plan Portal (MPP) as a free chlorine system (secondary disinfection, in the distribution system). To operate as a free chlorine system the water system must ensure that sufficient free chlorine is added to groundwater to carry adequate free chlorine residual throughout the distribution system. Naturally occurring free ammonia, where present in groundwater and not fully destroyed by breakpoint chlorination, combines with free chlorine to form chloramines (measured as total chlorine). Systems that use chloramine for disinfection need to be permitted, and listed in the MPP, as Total Chlorine. Based on the results that the water system received in a separate letter, the groundwater contains naturally occurring ammonia and breakpoint chlorination is not being achieved, therefore, the system is operating as an unpermitted total chlorine (chloramine) system. The system may either: 1. Remain a free chlorine system and submit to this office a Monitoring and Control Plan (MCP) to ensure proper treatment. The MCP shall characterize the chlorine demand of the source water(s), the amount of free chlorine required to achieve proper treatment and identify monitoring to be performed to ensure proper treatment is consistently being achieved. 2. Become a monochloramine system by using and/or adding ammonia. The system shall submit to this office a MCP which requires the same as above, the chlorine demand of the source water and the amount of chlorine required to achieve proper treatment. In addition, a permit will be required for the conversion. The permit will require a chloramine test to identify the type of chloramines created in the system, a Nitrification Control Plan, dose calculations, and a public notice. The water system should begin with identifying the location of all piping and chlorine injection point in the system's treatment facilities. Then contact/contract an Engineering Firm to help develop a proper disinfection plan for this water system.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	An ordinance for a Cross Connection Control Program (CCCP) was adopted by the water system. The water system has not been enforcing the CCCP and there were no current files for review during the sanitary survey. An up-to-date customer listing must be compiled showing the critical customers within the distribution system. All commercial customers should be assessed for proper backflow prevention devices. It is the responsibility of the water

		system to ensure all customers, residential and commercial, with auxiliary water, such as ponds, pools, fountains, animal watering troughs, etc., are properly filling these vessels using an air gap or an approved backflow prevention device. Customers must be given notification of their obligations as part of the water systems working CCCP. All correspondence and required annual testing must be kept on file by the water system for review during sanitary surveys and inspections by LDH. Please provide a written statement to include actions that will be taken by the water system to enforce the CCCP as a requirement, an up-to-date list of critical customers and current annual test reports for all customers with backflow preventers.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The valve pit at the elevated tower is flooded with water of a questionable quality. The valve pit should remain covered and be drained on a routine basis. Devices may be installed to keep the pit dry and free from possible sources of contamination and corrosion. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
1097011-001 - WELL #1 - MIDDLE	Source	The screening for the well's casing vent is broken. The well casing vent must be covered with a 24 mesh corrosion resistant screen. Replace the well casing vent screen to prevent the entrance of contaminants. **See Attachment #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TOWER	Finished Water Storage	From review, the finished water storage facility, elevated tower, should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of the finished water storage facility could benefit from an inspection.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TOWER	Finished Water Storage	The existing screen for the elevated tower overflow pipe is damaged. The overflow piping must be screened with a four mesh, non-corrodible screen. Replace the damaged screen with a new four mesh, non-corrodible screen to provide protection at all times. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND STORAGE TANK #2 - WEST	Finished Water Storage	The screen for the ground storage tank overflow pipe is not adequate. The overflow pipe for the ground storage tank must be screened with twenty-four mesh, non-corrodible screen. Install a twenty-four mesh, non-corrodible screen on the ground storage tank overflow pipe to provide sanitary protection at all times. **See Attachment #6**
FACILITY	CATEGORY	FINDINGS

HD001 - Hydropneumatic Tank	Finished Water Storage	The tank is not equipped with a water site glass, and a means for adding air. A water site glass and means for adding air must be provided. **See Attachment #7**
FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT PLANT #2 - TOWER SITE	Treatment	The light is currently not operational, either the bulb is burned or there is an electrical issue. The chlorine room must be equipped with a working light. **See Attachment #8**
FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT PLANT #2 - TOWER SITE	Treatment	The ventilating fan is currently not operational. Either the fan is broken or there is an electrical issue. The chlorine room must be equipped with a working ventilating fan.
FACILITY	CATEGORY	FINDINGS
1097011-004 - WELL #4 - NORTH WELL	Source	The wells pressure gauge is broken. The wells discharge piping must be equipped with a working pressure gauge. **See Attachment #3**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT PLANT #2 - TOWER SITE	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized. The water system currently uses automatic switch over between 2 - 150 lb. gas cylinders to guarantee continuous disinfection **See Attachment #10**
FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT PLANT #2 - TOWER SITE	Treatment	The chlorine feed room is not equipped with an inspection window. A shatter resistant inspection window is required where chlorine gas is feed. **See Attachment #9**

ACT No. 292 became effective 08/01/2018 and provides requirements for community water systems with respect to customer complaints and flushing programs. It can be viewed at: http://www.legis.la.gov/legis/ViewDocument.aspx?d=1099847.

In accordance with the provisions found in ACT No. 292, PWS shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that PWS has implemented with respect to the matters detailed in the complaint. PWS shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Brent Bouy, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
4006672	04/04/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	04/01/2019 - 04/30/2019

4006671	03/14/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	03/01/2019 - 03/31/2019
4006670	03/07/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	02/01/2019 - 02/28/2019
4006668	01/10/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	01/01/2019 - 01/31/2019
4006666	12/18/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	12/01/2018 - 12/31/2018
4006665	12/03/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	11/01/2018 - 11/30/2018
4006664	10/04/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	10/01/2018 - 10/31/2018
4006663	09/21/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	09/01/2018 - 09/30/2018
4006662	08/17/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018
4006661	07/25/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2018 - 07/31/2018
4006660	06/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2018 - 06/30/2018
4006659	05/10/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	05/01/2018 - 05/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5316.

Respectfully,

Brent Bouy, P.E.
Engineer V

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

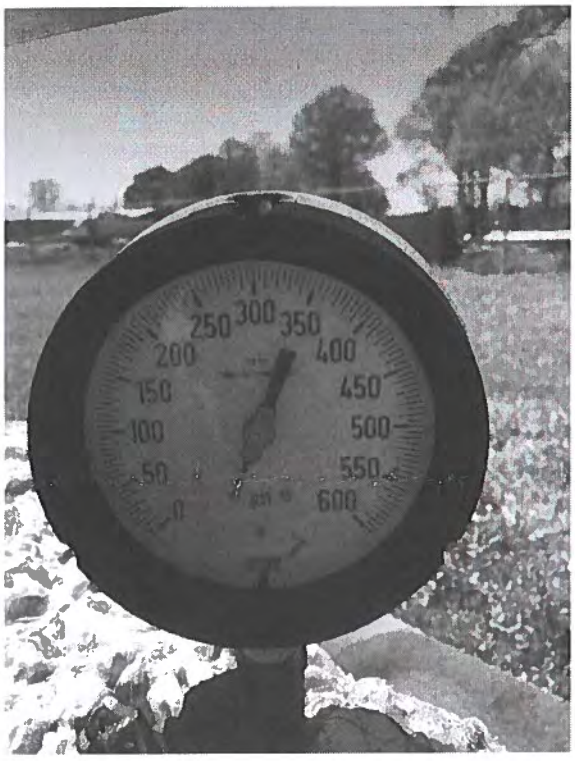
Attachments



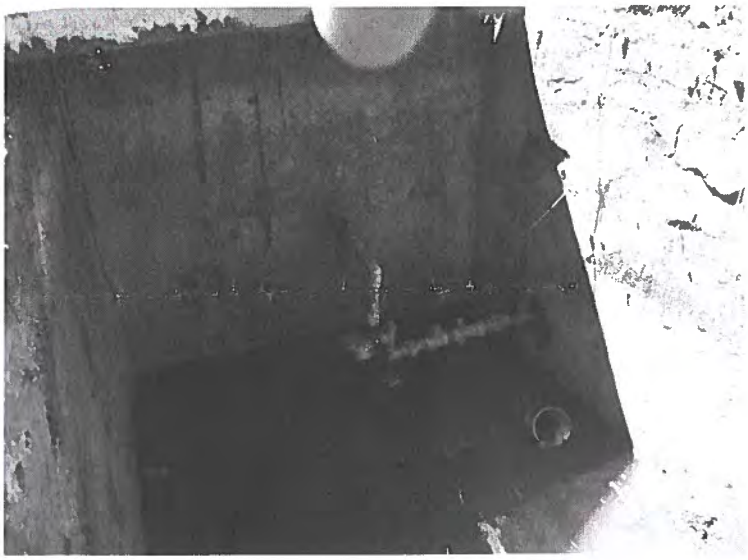
Attachment #1
Category: Security



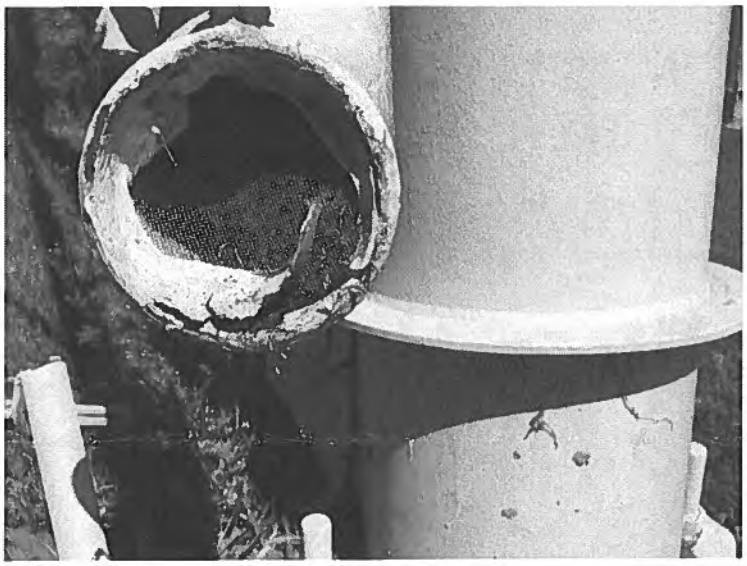
Attachment #2
Facility ID: WELL #1 - MIDDLE
Category: Source



Attachment #3
Facility ID: WELL #4 - NORTH WELL
Category: Source



Attachment #4
Facility ID: DISTRIBUTION SYSTEM
Category: Distribution System



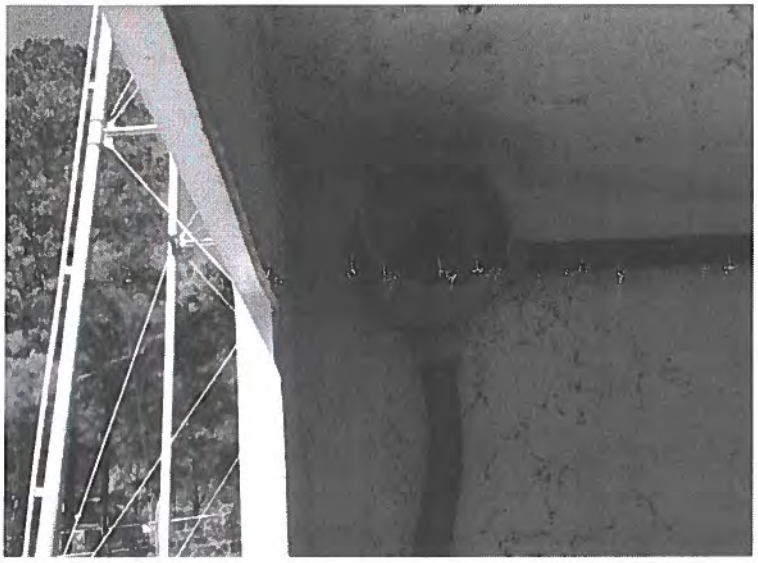
Attachment #5
Facility ID: ELEVATED TOWER
Category: Finished Water Storage



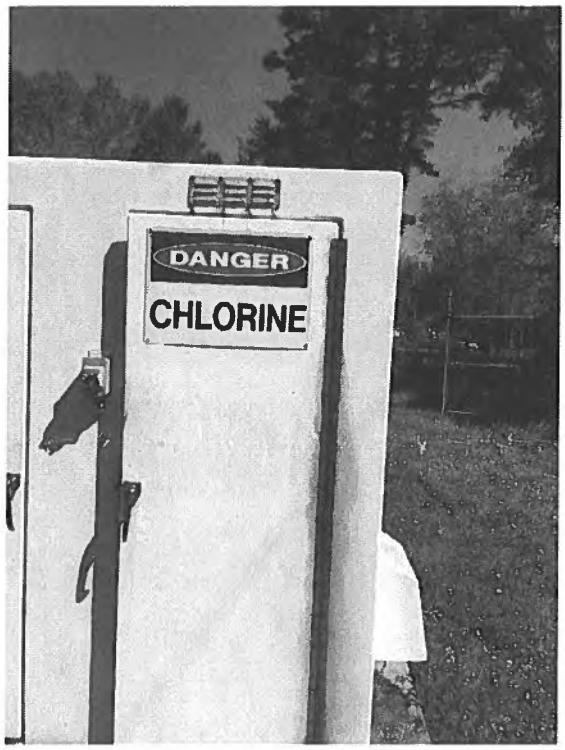
Attachment #6
Facility ID: GROUND STORAGE TANK #2 - WEST
Category: Finished Water Storage



Attachment #7
Facility ID: Hydropneumatic Tank
Category: Finished Water Storage



Attachment #8
Facility ID: TREATMENT PLANT #2 - TOWER SITE
Category: Treatment



Attachment #9
Facility ID: TREATMENT PLANT #2 - TOWER SITE
Category: Treatment



Attachment #10
Facility ID: TREATMENT PLANT #2 - TOWER SITE
Category: Treatment

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 0530 0000 1957 6027

May 6, 2019

Charles James
TOWN of SUNSET WATER SYSTEM
211 Marie Street
Sunset, LA 70584

Re: Class I Sanitary Survey
TOWN of SUNSET WATER SYSTEM Public Water System
PWS ID LA1097015
ST LANDRY Parish

Dear Mayor James:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 29, 2019 sanitary survey inspection of the public water supply system for TOWN of SUNSET WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Steven R. Joubert	OPH-Region V Engineering
Dillan Crawford	OPH-Region IV Engineering
Bernard Nevills	Town Of Sunset Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	An approved chemical lab status certification has not been obtained from LDH for analyzing the physical and chemical analytes currently being monitored by the water system. All public water systems must use an approved chemical laboratory to perform all required chemical analysis using approved laboratory methodologies. The water system states that contractor support is offered for water analysis. This relationship should be reflected on the form. Review the required instruction at http://ldh.la.gov/assets/oph/Center-EH/engineering/SDWP/Lab_Approval_Instructions.pdf and complete the required form located at http://ldh.la.gov/index.cfm/page/963 under the heading Approved Laboratory Form (Instructions).
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Testing reports for the cross connection control devices could not be confirmed. All cross connection control devices must be tested annually by a certified tester. An up-to-date customer listing must be compiled showing the critical customers within the distribution system. All commercial customers should be assessed for proper backflow prevention devices. It is the responsibility of the water system to ensure all customers, residential and commercial, with auxiliary water, such as ponds, pools, fountains, animal watering troughs, etc., are properly filling these vessels using an air gap or an approved backflow prevention device. Customers must be given notification of their obligations as part of the water system's working Cross Connection Control Program. All correspondence and required annual testing must be kept on file by the water system for review during sanitary surveys and inspections by LDH. Evidence of an effective Cross Connection Control Program must be provided.
FACILITY	CATEGORY	FINDINGS
1097015-006 - WELL #6 - NORTH	Source	The valve supporting the well's bypass piping appears to be leaking. The leak must be repaired and the leak stopped to prevent the introduction of contamination. **(See Attachment A.1.)**
FACILITY	CATEGORY	FINDINGS
1097015-005 - WELL #5 - EMERGENCY USE ONLY	Source	The well is currently inactive and has not been plugged and abandoned. All wells that are not being used as a source of water must be properly plugged and abandoned in accordance with all of Louisianas applicable standards, rules and regulations. Upon completion, provide written documentation to LDH stating that the well has been properly plugged and abandoned.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL002 - ELEVATED TOWER #2	Finished Water Storage	From review, the finished water storage facility (elevated tower) should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of the finished water storage facility could benefit from an inspection.
FACILITY	CATEGORY	FINDINGS
1097015-007 - WELL #7 - SOUTH	Source	The perforated pipe serving as the screening for the air release-vacuum relief valve is too coarse and does not provide the effective area of a properly installed 24 mesh corrosion resistant screen. The air release-vacuum relief valve must be covered with a 24 mesh corrosion resistant screen. Replace the air relief valve screening to prevent the entrance of contaminants. **(See Attachment A.2.)**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP002 - WELL #6 TREATMENT	Treatment	The chlorine gas cylinders are not properly protected from direct sunlight. Full and empty chlorine gas cylinders must be properly protect from direct sunlight. **(See Attachment A.3.)**

FACILITY	CATEGORY	FINDINGS
TP002 - WELL #6 TREATMENT	Treatment	The point of entry (POE) site needs to be relocated for proper sampling. The tap must be located after all treatment processes, pumps, and storage tanks and prior to the first customer. The POE sampling site should be truly representative of the water being supplied to the customers. The tap will be placed on the discharge pipe leaving the plant site near the fence line and the control valve for the plant site. The sampling point on the prelube line feeding the water well is not appropriate. The tap must be properly established prior to the next POE sampling event by LDH. If not completed, the water system could receive a monitoring violation that requires public notice to all customers. **(See Attachment A.4.)**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southwest Region V
Attn: Steven R. Joubert, P.E.
707-A East Prien Lake Road
Lake Charles, Louisiana 70601

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
147	07/30/2018	OCCT/SOWT RECOMMENDATION/STUDY (LCR)	07/01/2009 - 12/31/2009

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-475-3214.

Respectfully,

Steven R. Joubert, P.E.
District III Engineer

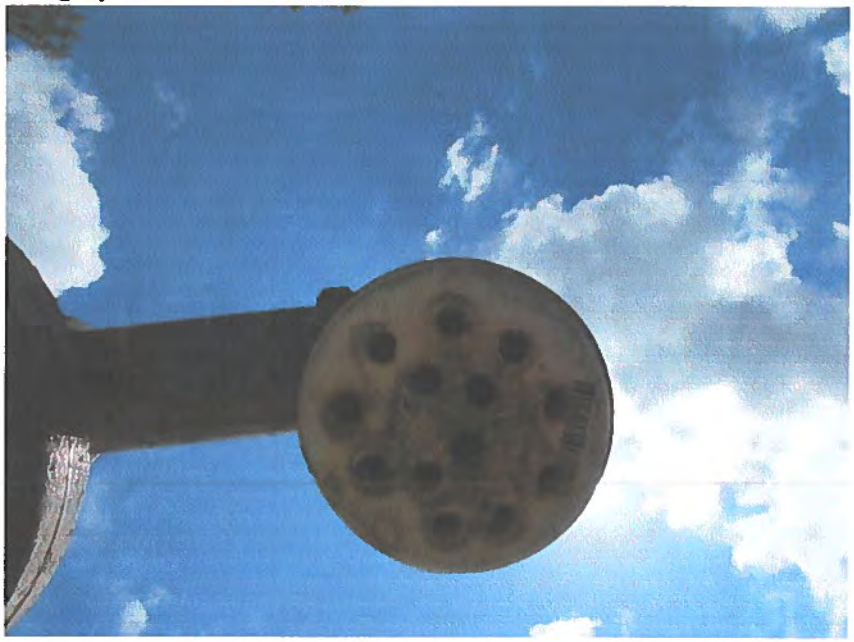
cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments:

Attachment A.1. **Leaking Control Valve**
Facility ID: **1097015-006 - WELL #6 - NORTH**
Category: **Source**



Attachment A.2. **Screening of Air Relief Valve**
Facility ID: **1097015-007 - WELL #7 - SOUTH**
Category: **Source**



Attachment A.3. **Housing for Chlorine Gas Cylinders**
Facility ID: **TP002 - WELL #6 TREATMENT**
Category: **Treatment**



Attachment A.4. **POE Location**
Facility ID: **TP002 - WELL #6 TREATMENT**
Category: **Treatment**



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7019 1120 0000 3694 8342

November 6, 2019

Jim Olivier
TOWN of WASHINGTON WATER SYSTEM
405 North Washington
Washington, LA 70589

Re: Class I Sanitary Survey
TOWN of WASHINGTON WATER SYSTEM
PWS ID #: LA1097016
ST LANDRY Parish

Dear Mayor Olivier:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 22, 2019 sanitary survey inspection of the public water supply system for TOWN of WASHINGTON WATER SYSTEM. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Dillan Crawford	LDH/OPH Region IV Engineering
Brent Bouy	LDH/OPH Region IV Engineering
Steven R. Joubert	LDH/OPH Region V Engineering
Milton Joubert	Town Of Washington
Jim Olivier	Town Of Washington

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/15/2018	02/22/2018	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM

Comments: The water system has adopted an ordinance for a Cross Connection Control Program (CCCP). The water system has not been monitoring or strictly enforcing the CCCP. During the sanitary survey, there was no customer list available for review by LDH and there were only three (3) current annual test reports for backflow prevention devices on file with the water system. An up-to-date customer listing must be compiled showing the critical customers within the distribution system. All commercial customers should be assessed for proper backflow prevention devices. It is the responsibility of the water system to ensure all customers, residential and commercial, with auxiliary water, such as ponds, pools, fountains, animal watering troughs, etc., are properly filling these vessels using an air gap or an approved backflow prevention device. Customers must be given notification of their obligations as part of the water system's working CCCP. All correspondence including the annual test reports of backflow prevention devices must be kept on file by the water system for review during sanitary surveys and inspections by LDH. Please provide a written statement to include actions that the water system will take to enforce the CCCP as a requirement, an up-to-date list of critical customers and all current annual test reports for customers that require backflow prevention devices.

Update Status: During the sanitary survey performed by LDH, on 10/22/2019, the water system still needs to provide a written statement to include actions that the water system will take to enforce the CCCP as a requirement, and a up-to-date list of critical customers.

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/15/2018	02/22/2018	Sanitary Survey, Finished	Significant	Other	Management

Comments: During the survey, there were two (2) leaks detected within the distribution system. There is severe leakage in the distribution system piping located at the corner of North Washington Street and East Moundville Street. The fire hydrant located at the intersection East Hill Street and South Bridge Street also has a leak. Water systems that provide potable water to its customers must prevent any leakage within the distribution system by keeping it properly maintained at all times. It is imperative that these leaks be repaired immediately with minimum interruption of service to the customers.

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/15/2018	02/22/2018	Sanitary Survey, Finished	Minor	Source	1097016-003-WELL #5 - CEDAR HILL DRIVE & VINE STREET

Comments: The exhaust/relief piping for the air release-vacuum relief valve is not screened. The relief piping must be covered with a 24 mesh corrosion resistant screen. Provide a screen on the relief piping to protect against potential entrance of contaminants. **(Attachment A.1) & (Attachment A.2)**

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/15/2018	02/22/2018	Sanitary Survey, Finished	Minor	Source	1097016-004-WELL #6 - EAST HILL & SOUTH WASHINGTON

Comments: The screen for the exhaust/relief piping for the air release-vacuum relief valve is damaged. The relief piping must be covered with a 24 mesh corrosion resistant screen. Repair the screen on the relief piping to protect against potential entrance of contaminants. **(See Attachment A.3)**

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/15/2018	02/22/2018	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT PLANT #1 - WELL #6

Comments: The light is currently not operational in the chlorine feed room. Either the bulb has burned or there is an electrical issue. The chlorine feed room must be equipped with a working light. **(See Attachment A.4)**

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/15/2018	02/22/2018	Sanitary Survey, Finished	Minor	Treatment	TP002-TREATMENT PLANT #2 - WELL #5

Comments: The lights are currently not operational in both the chlorine gas feed and storage rooms. Either the bulbs have burned or there is an electrical issue. The chlorine gas feed and storage rooms must be equipped with a working light. **(See Attachment A.5 and Attachment A.6)**

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/15/2018	02/22/2018	Sanitary Survey, Finished	Minor	Treatment	TP002-TREATMENT PLANT #2 - WELL #5
Comments: The chlorine gas room currently does not have an air intake louver. The chlorine gas room must be constructed with an air intake located near the ceiling. Install a screened air intake louver or openings near the ceiling to properly ventilate the chlorine gas room.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Operator Compliance with State Requirements	The water system is not under the control and supervision of a duly certified operator. The water system, per population and system design at the time of the survey, must be placed under the supervision and control of a certified operator holding at least level 2 certifications in the categories of Water Production, Water Distribution and Water Treatment. The operator certification office can be reached by phone at (225) 342-7508. The operator certification website is located on LDHs website using the following link: http://www.dhh.louisiana.gov/index.cfm/page/416
FACILITY	**CATEGORY**	**FINDINGS**
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Elevated tower (EL001) has not been physically disconnected from the water system.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Chlorine residuals must be monitored daily at the water production (POE) site(s) and recorded on the approved LDH Report #1. A critical point (MRT), the location in the water system furthest from treatment, must be monitored daily and recorded on the approved LDH Report #2. An additional chlorine residual check must be made monthly at the approved ACR site(s) and recorded on the approved LDH Report #3. These sampling points were established for the water system during the submittal of the Monitoring Plan on the Monitoring Portal website. A free chlorine residual of 0.50 mg/L is required at all times and at all locations tested. Begin measuring the residuals daily at the approved locations described using a digital chlorine analyzer and recording on signed and dated "LDH Approved Chlorine Residual Forms" which can be found on LDH's website using the following link:

		http://www.ldh.la.gov/index.cfm/page/963. Please send the Region 4 office a copy of the next three (3) months of properly recorded, chlorine residual forms.
FACILITY	**CATEGORY**	**FINDINGS**
Management	M&R and Data Verification	The water system needs sufficient record keeping for the water system reports. All water system records and reports must be kept on file and retained and must be made available. Begin filing and maintaining all water system records and reports.
FACILITY	**CATEGORY**	**FINDINGS**
EL002 - ELEVATED TOWER #2	Finished Water Storage	From review, the finished water storage facility elevated tower should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of the finished water storage facility could benefit from an inspection.
FACILITY	**CATEGORY**	**FINDINGS**
1097016-003 - WELL #5 - CEDAR HILL DRIVE & VINE STREET	Source	The well's outer discharge piping are showing signs of heavy rusting, corrosion, and flaking paint. The well's outer discharge piping must be maintained to avoid further corrosion, deterioration and/or potential structural failure. Clean, treat and paint the well's discharge piping to prevent sources of potential contamination. Evaluation of the area may be needed to support whether increased measures are needed to properly protect the well and its appurtenances. Heavy flaking may need professional guidance to remediate. **(See Attachment A.7)**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT PLANT #2 - WELL #5	Treatment	The chlorine gas cylinders are not properly secured. Full and empty cylinders of chlorine gas must be restrained in position at all times to prevent upset. Properly secure all chlorine gas cylinders.
FACILITY	**CATEGORY**	**FINDINGS**
TP001 - TREATMENT PLANT #1 - WELL #6	Treatment	The chlorine gas cylinders are not properly secured. Full and empty cylinders of chlorine gas must be restrained in position at all times to prevent upset. Properly secure all chlorine gas cylinders.
FACILITY	**CATEGORY**	**FINDINGS**
TP001 - TREATMENT PLANT #1 - WELL #6	Treatment	The point of entry (POE) site needs to be relocated for proper sampling. The tap must be located after all treatment processes, pumps, and storage tanks and prior to the first customer. The POE sampling site should be truly representative of the water being supplied to the customers. This task must be completed prior to the next POE sampling event by LDH. If not completed, the water system could receive a monitoring violation that requires public notice to all customers.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Dillan Crawford,
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

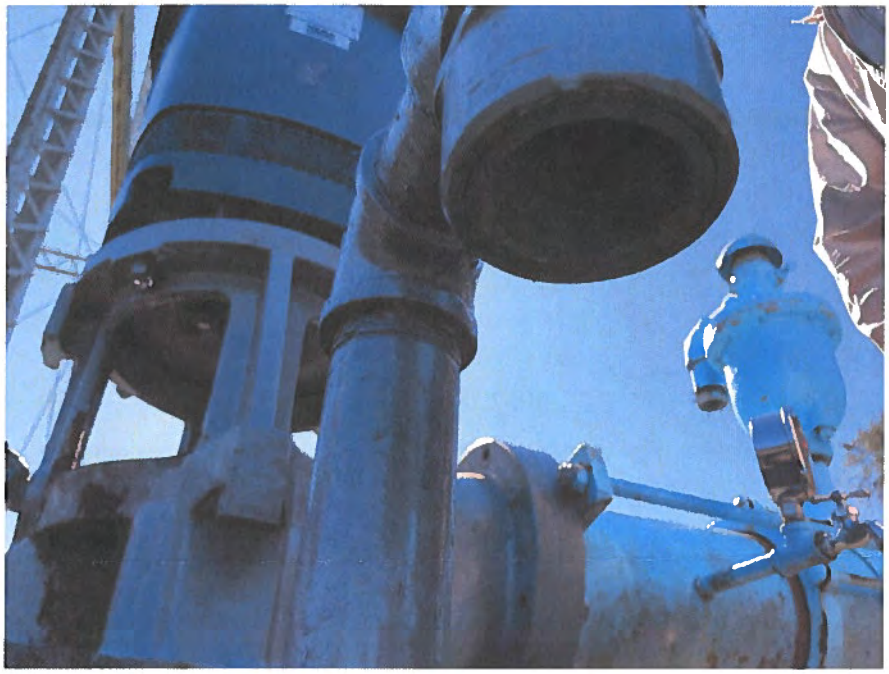
Violation No.	Violation Date	Violation Type	Compliance Period
4009026	10/10/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	10/01/2019 - 10/31/2019
4009025	08/26/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
4009024	08/06/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	07/01/2019 - 07/31/2019
4009023	06/04/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2019 - 06/30/2019
4009022	04/15/2019	FAILURE ADDRESS DEFICIENCY (GWR)	
4009021	04/09/2019	FAILURE ADDRESS DEFICIENCY (GWR)	
4009020	02/05/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	02/01/2019 - 02/28/2019
4009019	12/05/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	11/01/2018 - 11/30/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5746.

Respectfully,

Dillan Crawford,

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering



Attachment A.1 - The relief piping must be covered with a 24 mesh corrosion resistant screen.
Facility ID: Well #5
Category: Source



Attachment A.2 - The relief piping must be covered with a 24 mesh corrosion resistant screen.
Facility ID: Well #5
Category: Source



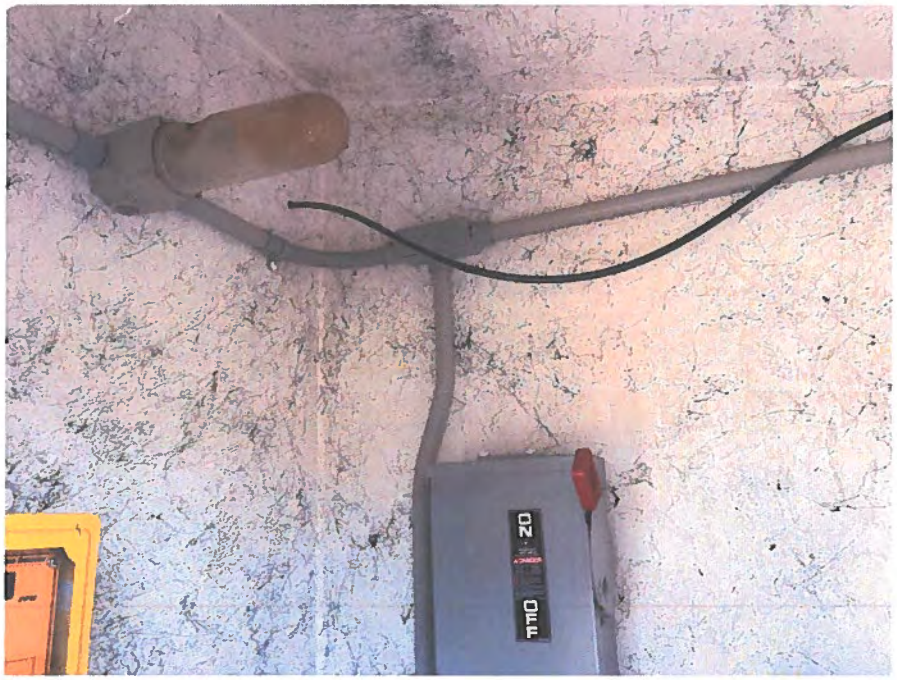
Attachment A.3 - The relief piping must be covered with a 24 mesh corrosion resistant screen.
Facility ID: Well #6
Category: Source



Attachment A.4 - The lights are currently not operational in both the chlorine gas feed rooms.
Facility ID: TREATMENT PLANT #1
Category: Treatment



Attachment A.5 - The lights are currently not operational in both the chlorine gas feed rooms
Facility ID: TREATMENT PLANT #2
Category: Treatment



Attachment A.6 - The lights are currently not operational in both the chlorine gas feed rooms
Facility ID: TREATMENT PLANT #2
Category: Treatment



Attachment A.7 – Well Piping needs to be maintained.
Facility ID: 1097016-003 - WELL #5 - CEDAR HILL DRIVE & VINE STREET
Category: Source

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 1450 0000 1658 0470

September 30, 2019

Mayor Kevin Colligan
Village of Cankton Water System
107 Dandurand Road
Cankton, LA 70584

Re: Class I Sanitary Survey
Village of Cankton Water System
PWS ID #: LA 1097025
St. Landry Parish

Dear Mayor Colligan:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 16, 2019 sanitary survey inspection of the public water supply system for Village of Cankton Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Hayden K. Keigley	LDH/OPH Region IV Engineering
Tommy Faul	Village of Cankton Water System
Cinderella Miller	Village of Cankton Water System

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 Distribution System	Distribution System	The water system has not been enforcing its Cross Connection Control Program (CCCP). The water system is not maintaining annual testing records for customers required to have backflow prevention devices installed. The water system must maintain a list of customers required to install backflow prevention devices and a record of annual testing for each device. Per LAC 51:XII.344.B, every water system must make a reasonable effort to ensure that only customers complying with mandatory containment practices including maintenance and testing requirements connect to or remain connected to its water supply in order to protect against potential contamination of the distribution system. It is the responsibility of the water system to make assessments to ensure all customers, residential and commercial, have approved backflow prevention devices installed and are tested annually by a certified inspector. An up-to-date critical customer listing must be maintained by the water system and include the type of backflow preventer installed and the last date of inspection for each customer. It was noted that there were no annual test reports on file for Cankton Elementary. Customers must be given notification of their obligations as part of the CCCP for the public water system. All correspondence and required annual test reports must be kept on file by the water system for review by LDH. Please provide a written statement to include actions that will be taken by the water system to enforce the CCCP, an up-to-date list of critical customers and current annual test reports for all customers with backflow preventers.
FACILITY	**CATEGORY**	**FINDINGS**
1097025-004 Well #4 Northeast Well	Source	The screening for the well's casing vent is damaged. Per LAC 51:XII.327.A.12, the openings of vent pipes for all potable water wells must be screened to prevent the entrance of foreign matter. Replace the damaged screen with a properly installed 24 mesh, corrosion resistant screen to prevent contamination of the well. **(See Attachment A-1)**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The water system has been performing the required monitoring of chlorine residuals at the approved locations using a digital chlorine analyzer. However, it was noted that the chlorine residual readings are not being recorded on "LDH Approved Chlorine Residual Forms." These forms can be found on LDH's website using the following link: http://www.ldh.la.gov/index.cfm/page/963. Chlorine residuals at an approved point of entry (POE) sampling site must be monitored daily and recorded on the approved LDH Report #1. Chlorine residuals at the maximum residence time (MRT) sampling site must be monitored daily and recorded on the approved LDH Report #2. The chlorine residual at the designated additional chlorine residual (ACR) sampling site must be monitored monthly and recorded on the approved LDH Report #3. Please send the Region 4 office copies of the next three (3) months of properly recorded chlorine residual forms.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 Treatment Plant	Treatment	The point of entry (POE) sample tap is located on the ground storage tank prior to the service pumps and the hydropneumatic tank. The POE sampling site must be located after all treatment processes, pumps and storage tanks on a common pipe headed to the distribution system and prior to the first customer. The POE sampling site should be truly representative of the water being supplied to the customers. This task must be completed prior to the next POE sampling event by LDH. If not completed, the water system could receive a monitoring violation that requires public notice to all customers. Relocate the POE sample tap to an approved location for proper sampling.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Hayden K. Keigley, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (337) 262-5634.

Respectfully,

Hayden K. Keigley, P.E.
Engineer 4

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Joseph "Todd" Abshire, Contract Designated Operator, Louisiana Rural Water Association
Tommy Faul, Operator, Village of Cankton Water System
Cinderella Miller, Office Clerk, Village of Cankton Water System

Attachments:

Attachment A-1: Well Casing Vent Screen is Damaged
Facility ID: Well #4 - Northeast Well
Category: Source



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7014 2870 0001 8149 3629

May 30, 2019

Paul Doucet
Hidden Hills Subdivision Water System
Hidden Hills Community #25
Arnaudville, LA 70512

Re: Class I Sanitary Survey
Hidden Hills Subdivision Water System
PWS ID LA1097026
St Landry Parish

Dear Mr. Doucet:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 14, 2019 sanitary survey inspection of the public water supply system for HIDDEN HILLS SUBDIVISION WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Brent Bouy	LDH/OPH Region IV Engineering
Jeremy Latiolais	Clearstream Services, Inc.

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	An approved chemical lab status certification has not been obtained from LDH for analyzing the physical and chemical analytes currently being monitored by the water system. All public water systems must use an approved chemical laboratory to perform all required chemical analyses using approved laboratory methodologies. Review the required instruction at http://ldh.la.gov/assets/oph/Center-EH/engineering/SDWP/Lab_Approval_Instructions.pdf and complete the required form located at http://ldh.la.gov/index.cfm/page/963 under the heading Approved Laboratory Form (Instructions).

Deficiencies

FACILITY	CATEGORY	FINDINGS
1097026-005 - WELL #5 - WEST WELL	Source	The well is equipped with a check valve that appears to be malfunctioning. The well must be equipped with a working check valve.
FACILITY	**CATEGORY**	**FINDINGS**
1097026-004 - WELL #4 - EAST WELL	Source	The well is equipped with a check valve that appears to be malfunctioning. The well must be equipped with a working check valve.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Brent Bouy, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
4006326	12/14/2018	OCCT/SOWT RECOMMENDATION/STUDY (LCR)	07/01/2012 - 12/31/2012
4006325	07/09/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2018 - 06/30/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5316.

RECEIVED

Respectfully,

Brent Bouy, P.E.
Engineer V

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7018 1830 0000 4149 2725

April 22, 2019

Barry Fabacher
CANE VIEW MOBILE HOME VILLAGE
201 Rayburn Street
Lafayette, LA 70506

Re: Class I Sanitary Survey
CANE VIEW MOBILE HOME VILLAGE Public Water System
PWS ID LA1097031
ST LANDRY Parish

Dear Mr. Fabacher:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 9, 2019 sanitary survey inspection of the public water supply system for CANE VIEW MOBILE HOME VILLAGE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Solomon Angwafo	OPH-Region V Engineering
Dillan Crawford	OPH-Region IV Engineering
Robert Giles	Cane View Mobile Home
Steve Wood	Cane View Mobile Home

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The water system is not equipped with a source of dedicated standby power. The water system must explore every effort to obtain dedicated standby power. To ensure continuous service when the primary power has been interrupted, a standby power supply must be provided through connection to at least two independent public power sources, or portable or in-place auxiliary power.
FACILITY	CATEGORY	FINDINGS
1097031-001 - WELL #1	Source	The casing vent piping for the well is not terminating in the proper orientation. The casing vent piping must be covered with a 24 mesh corrosion resistant screen, terminating in a down turned position to prevent the entrance of contaminants. ***(See Attachment A.1.)***
FACILITY	CATEGORY	FINDINGS
1097031-001 - WELL #1	Source	The well is equipped with a smooth nosed sampling tap installed on a double-sided connection of a hose bib or other point of use. Raw water sampling taps must not share piping and space with other points of usage that could provide negative influences and yield sampling results that may not be consistent with water quality. Configure the well sampling tap to support sampling only without any undue influences. ***(See Attachment A.1.)***

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	The pump for the chemical application of the sodium hypochlorite is below the level line of the chemical within the feed tank. The pump must be placed in a position of positive pressure above the highest possible chemical level line of the feed tank. ***(See Attachment A.2.)***

FACILITY	CATEGORY	FINDINGS
1097031-001 - WELL #1	Source	The well's discharge piping is not equipped with a pressure gauge or a flow-measuring device. A pressure gauge and a means for measuring flow must be provided. Install a device or monitoring methods to measure flow from the well and a pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southwest Region V
Attn: Solomon Angwafo, E.I.
707-A East Prien Lake Road
Lake Charles, Louisiana 70601

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
4006709	12/03/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	11/01/2018 - 11/30/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachment A.1 **Well Casing Vent NOT properly oriented and missing screen**
Facility ID: Well #1
Category: **Source**

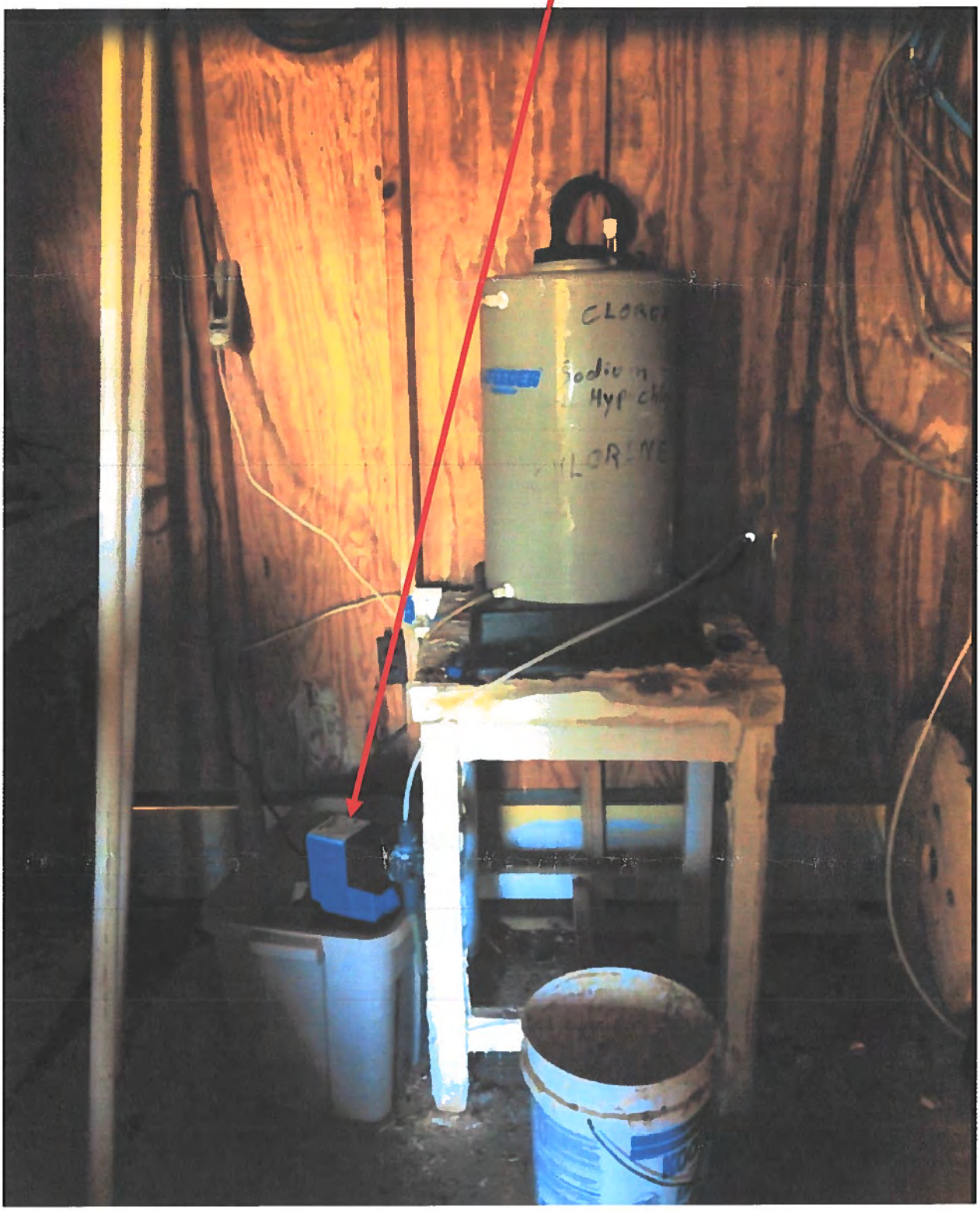


Other Point of use attached to sample tap

Attachment A.2 **TP for Well #1 – Chemical application of the sodium hypochlorite below the level line of the chemical within the feed tank**

Facility ID: Treatment Plant

Category: **Treatment**



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 1450 0000 1658 0173

June 4, 2019

Lincoln Savoie
GREENBRIAR PRAIRIE BASSE WATER SYSTEM
P.O. Drawer 90
Sunset, LA 70584

Re: Class I Sanitary Survey
GREENBRIAR PRAIRIE BASSE WATER SYSTEM Public Water System
PWS ID LA1097032
ST LANDRY Parish

Dear Mr. Savoie:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 21, 2019 sanitary survey inspection of the public water supply system for GREENBRIAR PRAIRIE BASSE WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Dillan Crawford	LDH/OPH Region IV Engineering
Shelia Bott	Greenbriar Prairie Basse WS
Hayden K. Keigley	LDH/OPH Region IV Engineering
John Leblanc	Greenbriar Prairie Basse WS

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	LDH just completed a plan review for an addition caustic soda at Greenbriar. There will be a new Approved Lab Certificate with Caustic Soda. An approved chemical laboratory status certification has not been obtained from LDH for analyzing the physical and chemical analytes currently being monitored by the water system. The certificate of approval must be prominently displayed along with the operator certifications as specified in the Louisiana Administrative Code, Title 51, Part XII, Chapter 15. Review the required instruction at http://ldh.la.gov/assets/oph/Center-EH/engineering/SDWP/Lab_Approval_Instructions.pdf and complete the required form located at http://ldh.la.gov/index.cfm/page/963 under the heading Approved Laboratory Form (Instructions). Please update this office when this certificate has been obtained.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Chlorine residuals must be monitored daily at the water production (POE) site(s) and recorded on the approved LDH Report #1. A critical point (MRT), the location in the water system furthest from treatment, must be monitored daily and recorded on the approved LDH Report #2. An additional chlorine residual check must be made monthly at the approved ACR site(s) and recorded on the approved LDH Report #3. These sampling points were established for the water system during the submittal of

		the Monitoring Plan on the Monitoring Portal website. A free chlorine residual of 0.50 mg/L is required at all times and at all locations tested. Begin measuring the residuals daily at the approved locations described using a digital chlorine analyzer and recording on signed and dated "LDH Approved Chlorine Residual Forms" which can be found on LDH's website using the following link: http://www.ldh.la.gov/index.cfm/page/963. Please send the Region 4 office a copy of the next three (3) months of properly recorded, chlorine residual forms.
FACILITY	**CATEGORY**	**FINDINGS**
HD001 - HYDROPNEUMATIC TANK	Finished Water Storage	From review, the finished water storage facility hydropneumatic tank should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of the finished water storage facility could benefit from an inspection.
FACILITY	**CATEGORY**	**FINDINGS**
HD001 - HYDROPNEUMATIC TANK	Finished Water Storage	The finished water storage facility hydropneumatic tank is not equipped with an approved sample tap. The finished water storage facility must be equipped with a smooth-nosed sampling tap. Install an approved tap on the hydropneumatic tank in a downturned direction to facilitate the collection of water samples for bacteriological and chemical analyses, when needed. ***(See Picture A.1)***
FACILITY	**CATEGORY**	**FINDINGS**
TP001 - TREATMENT PLANT	Treatment	The polyphosphate and orthophosphate tanks are exposed to sunlight and environmental conditions. Feed lines must be secured on tank where openings will not allow for contamination from insects or rain. Tank shall be sited out of the sunlight in a cool area. During the Sanitary Survey, it was noted that a new biulding is being constructed to store the chemicals. ***(See Picture A.2)***

FACILITY	CATEGORY	FINDINGS
1097032-002 - WELL #2 - SOUTHEAST WELL	Source	The well discharge piping is showing signs of corrosion and flaking paint. The well discharge piping must be cleaned, treated and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. ***(See Picture A.3)***

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Dillan Crawford,
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
4011635	11/26/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	11/01/2018 - 11/30/2018
4011634	09/13/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	09/01/2018 - 09/30/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5746.

Respectfully,

Dillan Crawford,

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering

Office of Public Health • Acadian Region IV

825 Kaliste Saloom Rd ▪ Brandywine 3 ▪ Ste. 100 ▪ Lafayette, Louisiana 70508
Phone #: 337-262-5311 ▪ Fax #: 337-262-5638 ▪ www.ldh.la.gov

"An Equal Opportunity Employer"

Attachment A.1 - HYDROPNEUMATIC TANK

Category: **Treatment**

Facility Id: DS0950



Attachment A.2 - Treatment Plant

Category: **Treatment**

Facility Id: TP001



Attachment A.3 - Well #2

Category: **Source**

Facility Id: 1097032-002



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 1450 0000 1658 0142

January 11, 2019

Mr. Samuel Doucet
ST LANDRY WATER WORKS DISTRICT 2 RURAL
253 Marie St
Sunset, LA 70578

Re: Class I Sanitary Survey
ST LANDRY WATER WORKS DISTRICT 2 RURAL Public Water System
PWS ID LA1097033
ST LANDRY Parish

Dear Mr. Doucet:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 7, 2019 sanitary survey inspection of the public water supply system for ST LANDRY WATER WORKS DISTRICT 2 RURAL (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Ebenezer Omojola	LDH|OPH|Region IV Engineering
Brent Bouy	LDH|OPH|Region IV Engineering
Robyn Cormier	St Landry WW Dist No 2 Rural
Samuel Doucet	St Landry WWD No 2 Rural
Tommy Faul	St Landry WW Dist No 2 Rural

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing,

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/04/2016	08/09/2016	Sanitary Survey, Finished	Minor	Source	1097033-001-WELL #1
Comments: The discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage and freezing. At the time of the survey the well had considerable rust and required cleaning and painting. Rust and deterioration of the well casing can lead to possible points of contamination to the water supply. The system should make plans for maintenance including cleaning and painting of the well.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
08/04/2016	08/09/2016	Sanitary Survey, Finished	Minor	Source	1097033-002-WELL #2
Comments: The discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage and freezing. At the time of the survey the well had considerable rust and required cleaning and painting. Rust and deterioration of the well casing can lead to possible points of contamination to the water supply. The system should make plans for maintenance including cleaning and painting of the well.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1097033-002 - WELL #2	Source	The well's outer casing, steel base plate, discharge piping, and air release-vacuum relief valve piping are showing signs of heavy rusting, corrosion, and flaking paint. The well's outer casing, steel base plate, discharge piping, and air release-vacuum relief valve piping must be maintained to avoid further corrosion, deterioration and/or potential structural failure. Clean, treat and paint the well's outer casing, steel base plate, discharge piping, and air release-vacuum relief valve piping to prevent sources of potential contamination. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
1097033-001 - WELL #1	Source	The well's outer casing, steel base plate, discharge piping, and air release-vacuum relief valve piping are showing signs of heavy rusting, corrosion, and flaking paint. The well's outer casing, steel base plate, discharge piping, and air release-vacuum relief valve piping must be maintained to avoid further corrosion, deterioration and/or potential

		structural failure. Clean, treat and paint the well's outer casing, steel base plate, discharge piping, and air release-vacuum relief valve piping to prevent sources of potential contamination. **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The clerical staff is combining records and reports for multiple water systems. The records and reports for a water system must be kept separate from those of any other water systems under the supervision of the designated operator. Copies of records and reports shall be filed in a folder identifying the public water system by name as well as its public water system identification number (PWS ID #).
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The water system must record the address of sampling points as shown on the monitoring plan on signed and dated "LDH Approved Chlorine Residual Forms" which can be found on LDH's website using the following link: http://new.dhh.louisiana.gov/index.cfm/page/1725. The sampling point addresses can be accessed on the Monitoring Plan Portal at https://www.ldhh-mpp.org/. Please send the Region 4 office a copy of the next three (3) months of properly recorded chlorine residual forms.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE TANK	Finished Water Storage	From review, the ground storage tank should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections on file to support the overall health of the ground storage tank's interior conditions. The interior surfaces of the ground storage tank could benefit from an inspection.
FACILITY	CATEGORY	FINDINGS
HD001 - PRESSURE TANK	Finished Water Storage	From review, the hydropneumatic tank should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections on file to support the overall health of the hydropneumatic tank's interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of the hydropneumatic tank could benefit from an inspection.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE TANK	Finished Water Storage	The ground storage tank is not equipped with an approved sample tap. The ground storage tank must be equipped with a smooth-nosed sampling tap. Install an approved tap in a downturned direction to facilitate the collection of water samples for bacteriological and chemical analyses, when needed. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
HD001 - PRESSURE TANK	Finished Water Storage	The hydropneumatic tank is not equipped with an approved sample tap. The hydropneumatic tank must be equipped with a smooth-nosed sampling tap. Install an approved tap in a downturned direction to facilitate the collection of water samples for bacteriological and

		chemical analyses, when needed. **See Attachment #6**
FACILITY	CATEGORY	FINDINGS
1097033-002 - WELL #2	Source	The well's pressure gauge and flow meter are not working correctly. The well's discharge piping must be equipped with a working pressure gauge and flow meter. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1097033-001 - WELL #1	Source	The well's pressure gauge is broken. The well's discharge piping must be equipped with a working pressure gauge. **See Attachment #2**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Ebenezer Omojola,
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5746.

Respectfully,

Brent Bouy,
Region 4 Engineer

cc: Amanda Laughlin, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

Attachments



Attachment #1

Severity: Significant

Facility ID: WELL #1

Category: Source

Attachment Comments:



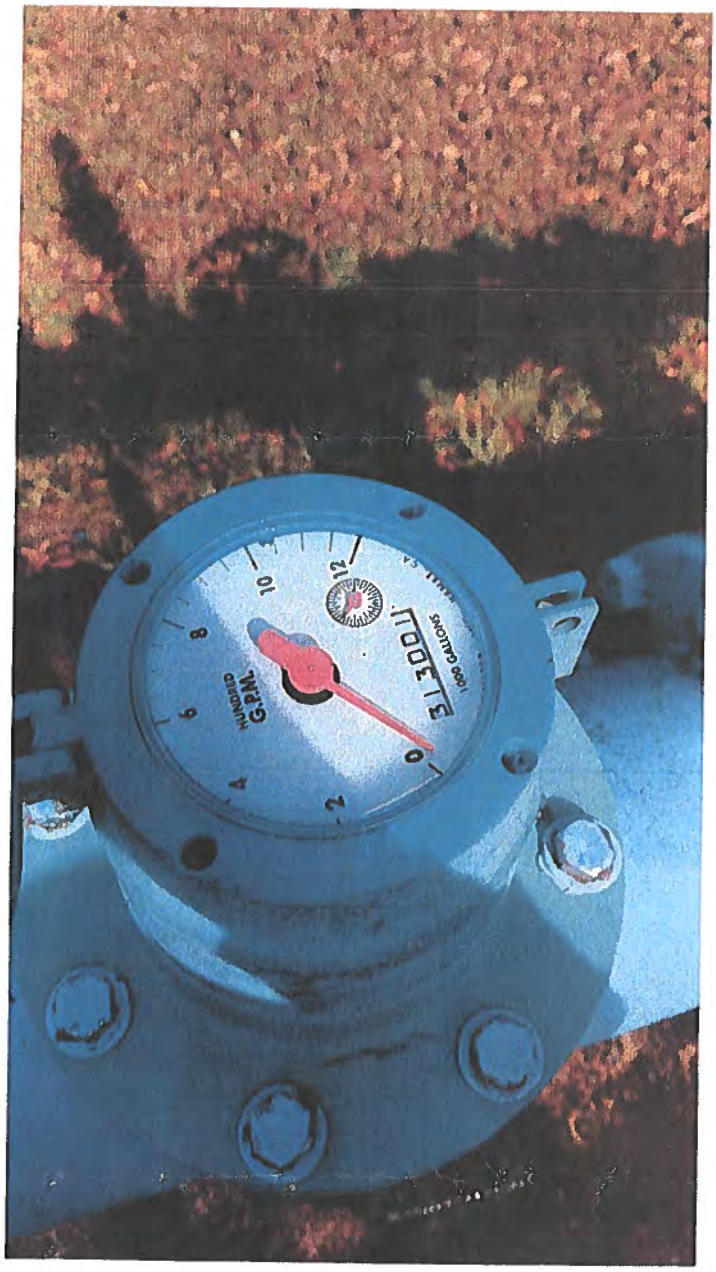
Attachment #2

Severity: Minor

Facility ID: WELL #1

Category: Source

Attachment Comments:



Attachment #3

Severity: Minor

Facility ID: WELL #2

Category: Source

Attachment Comments:



Attachment #4

Severity: Significant

Facility ID: WELL #2

Category: Source

Attachment Comments:



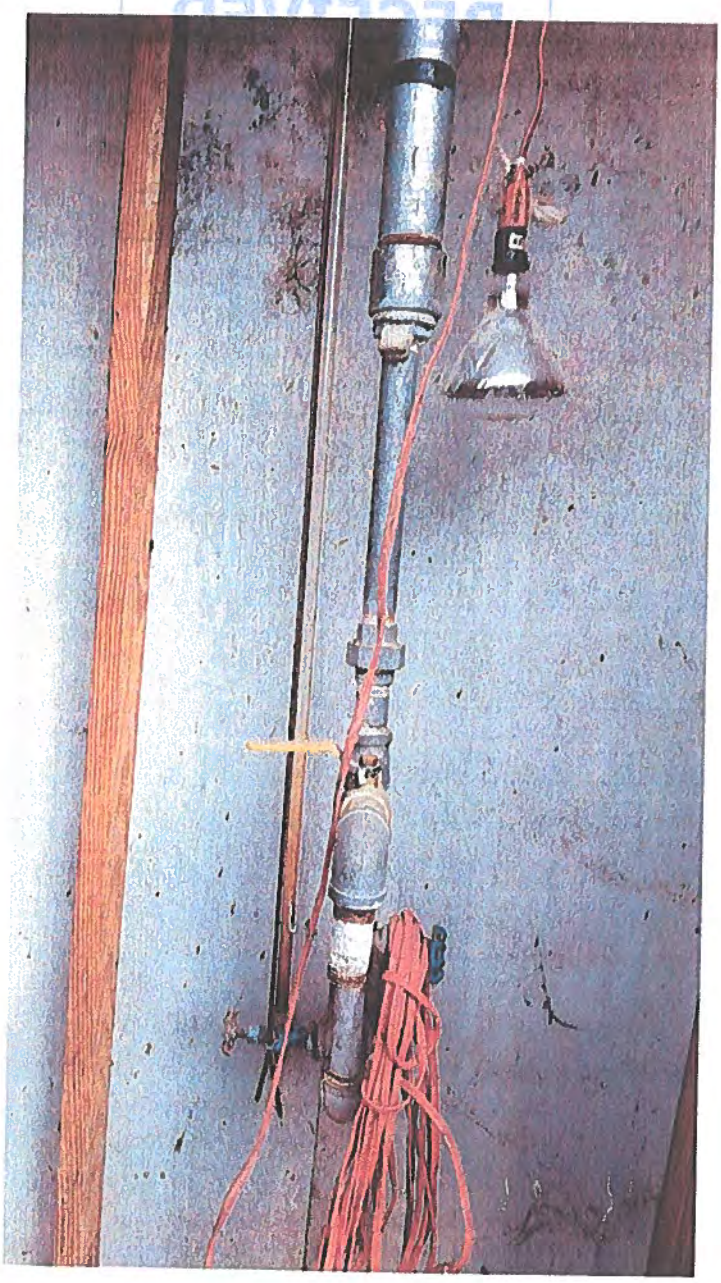
Attachment #5

Severity: Minor

Facility ID: GROUND STORAGE TANK

Category: Finished Water Storage

Attachment Comments:



Attachment #6

Severity: Minor

Facility ID: PRESSURE TANK

Category: Finished Water Storage

Attachment Comments:

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 1450 0000 1658 1170

April 24, 2019

Charles Daniels
St. Landry Parish Water Works District No. 3 Port Barre - Area A
504 Saizan Avenue
P.O. Box 1200
Port Barre, LA 70577

Re: Class I Sanitary Survey
St. Landry Parish Water Works District No. 3 Port Barre - Area A
PWS ID #: LA 1097034
St. Landry Parish

Dear Mr. Daniels:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 11, 2019 sanitary survey inspection of the public water supply system for St. Landry Parish Water Works District No. 3 Port Barre - Area A. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Hayden K. Keigley	LDH/OPH Region IV Engineering
Dillan Crawford	LDH/OPH Region IV Engineering
Richard Gregg	St. Landry Parish Water Works District No. 3 Port Barre
Ricky Robin	St. Landry Parish Water Works District No. 3 Port Barre

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Hayden K. Keigley, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (337) 262-5634.

Respectfully,

Hayden K. Keigley, P.E.
Engineer 4

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Richard Gregg, Operator, St. Landry Parish Water Works District No. 3 Port Barre – Area A

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 1450 0000 1658 1149

April 24, 2019

Charles Daniels
St. Landry Parish Water Works District No. 3 Port Barre - Area B
504 Saizan Avenue
P.O. Box 1200
Port Barre, LA 70577

Re: Class I Sanitary Survey
St. Landry Parish Water Works District No. 3 Port Barre - Area B
PWS ID #: LA 1097035
St. Landry Parish

Dear Mr. Daniels:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 11, 2019 sanitary survey inspection of the public water supply system for St. Landry Parish Water Works District No. 3 Port Barre - Area B. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Hayden K. Keigley	LDH/OPH Region IV Engineering
Dillan Crawford	LDH/OPH Region IV Engineering
Richard Gregg	St. Landry Parish Water Works District No. 3 Port Barre
Ricky Robin	St. Landry Parish Water Works District No. 3 Port Barre

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	During the survey, it was noted that the flanged 90-degree elbow on the discharge piping that is transferring the treated water from the ground storage tank to the pneumatic tank has a pinhole leak located on the welded seam of the transition fitting. This leak must be adequately repaired or the fitting must be replaced to prevent excessive leakage and corrosion of the discharge piping and fittings and/or to prevent possible pathways or contamination of the treated water supply. **(See Attachment A-1)**

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Hayden K. Keigley, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation No.	Violation Date	Violation Type	Compliance Period
21	11/13/2018	Inadequate Minimum Chlorine Residual (GW & SW)	11/01/2018 - 11/30/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (337) 262-5634.

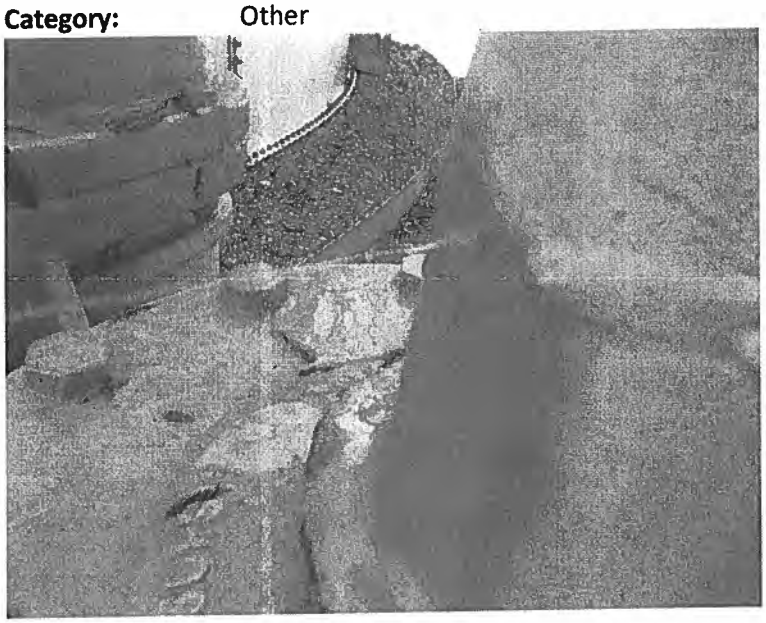
Respectfully,

Hayden K. Keigley, P.E.
Engineer 4

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Richard Gregg, Operator, St. Landry Parish Water Works District No. 3 Port Barre – Area B

Attachments

Attachment A-1: Leak in 90-Degree Elbow Transfer Pipe Fitting
Facility ID: Management (OT103 – Leaks in System)
Category: Other



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 1450 0000 1658 1156

April 24, 2019

Charles Daniels
St. Landry Parish Water Works District No. 3 Port Barre - Area C
504 Saizan Avenue
P.O. Box 1200
Port Barre, LA 70577

Re: Class I Sanitary Survey
St. Landry Parish Water Works District No. 3 Port Barre - Area C
PWS ID #: LA 1097036
St. Landry Parish

Dear Mr. Daniels:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 11, 2019 sanitary survey inspection of the public water supply system for St. Landry Parish Water Works District No. 3 Port Barre - Area C. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Hayden K. Keigley	LDH/OPH Region IV Engineering
Dillan Crawford	LDH/OPH Region IV Engineering
Richard Gregg	St. Landry Parish Water Works District No. 3 Port Barre
Ricky Robin	St. Landry Parish Water Works District No. 3 Port Barre

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Hayden K. Keigley, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (337) 262-5634.

Respectfully,

Hayden K. Keigley, P.E.
Engineer 4

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Richard Gregg, Operator, St. Landry Parish Water Works District No. 3 Port Barre – Area C

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 1450 0000 1658 1163

April 24, 2019

Charles Daniels
St. Landry Parish Water Works District No. 3 Port Barre - Area D
504 Saizan Avenue
P.O. Box 1200
Port Barre, LA 70577

Re: Class I Sanitary Survey
St. Landry Parish Water Works District No. 3 Port Barre - Area D
PWS ID #: LA 1097037
St. Landry Parish

Dear Mr. Daniels:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 11, 2019 sanitary survey inspection of the public water supply system for St. Landry Parish Water Works District No. 3 Port Barre - Area D. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Hayden K. Keigley	LDH/OPH Region IV Engineering
Dillan Crawford	LDH/OPH Region IV Engineering
Richard Gregg	St. Landry Parish Water Works District No. 3 Port Barre
Ricky Robin	St. Landry Parish Water Works District No. 3 Port Barre

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 Ground Storage Tank	Finished Water Storage	The screen for the ground storage tank overflow pipe is damaged. The overflow pipe must be screened with a twenty-four mesh, non-corrodible screen. Replace the damaged screen to provide sanitary protection at all times. **(See Attachment A-1)**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Hayden K. Keigley, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (337) 262-5634.

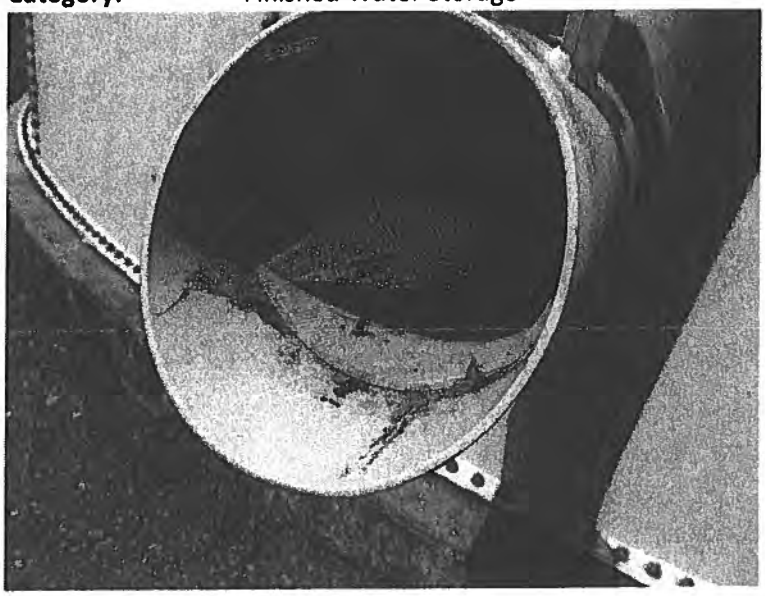
Respectfully,

Hayden K. Keigley, P.E.
Engineer 4

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Richard Gregg, Operator, St. Landry Parish Water Works District No. 3 Port Barre – Area D

Attachments

Attachment A-1: Damaged Screen on Overflow Piping
Facility ID: GR001 - Ground Storage Tank
Category: Finished Water Storage



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7014 2870 0001 8149 4626

January 14, 2019

Howard Wiltz
Waterworks District No 5 of St Landry Pa
P.O. Box 218
Krotz Springs, LA 70750

Re: Class I Sanitary Survey
WATERWORKS DISTRICT NO 5 of ST LANDRY PA Public Water System
PWS ID LA1097039
ST LANDRY Parish

Dear Mr. Wiltz:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 7, 2019 sanitary survey inspection of the public water supply system for WATERWORKS DISTRICT NO 5 of ST LANDRY PA (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Ebenezer Omojola	LDH|OPH|Region 4 Engineering
Brent Bouy	LDH|OPH|Region 4 Engineering
Nina Snyder	Town Of Krotz Springs Water Sy

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Bacteriological and chemical test result reports from the laboratory shall be kept on file and retained for not less than ten (10) years. During the sanitary survey, the disinfection byproduct test results were not available for review. All such records shall be made available for review during inspections and sanitary surveys of the public water system performed by LDH. Additionally, records and reports for a water system must be kept separate from those of any other water systems under the supervision of the designated operator. Copies of records and reports shall be filed in a folder identifying the public water system by name as well as its public water system identification number (PWS ID #).

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Brent Bouy, P.E.,
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
13	11/15/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	11/01/2018 - 11/30/2018
12	04/19/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	04/01/2018 - 04/30/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5316.

Respectfully,

Brent Bouy, P.E.,
Engineer V

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 1450 0000 1658 1200

May 10, 2019

Mayor Todd Meche
Town of Arnaudville Water System
P.O. Box 1010
Arnaudville, LA 70512

Re: Class I Sanitary Survey
Town of Arnaudville Water System
PWS ID #: LA 1099001
St. Martin Parish

Dear Mayor Meche:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 30, 2019 sanitary survey inspection of the public water supply system for Town of Arnaudville Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Hayden K. Keigley	LDH/OPH Region IV Engineering
Todd Abshire	Town of Arnaudville Water System
Edward Hutchins	Town of Arnaudville Water System

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 Distribution System	Distribution System	An ordinance for a Cross Connection Control Program (CCCP) was adopted by the water system in 2012. During the survey, it was mentioned that the system is currently working on updating the systems CCCP. The plan is to include an inspection fee as part of the critical customers billing statements on an annual basis to assist in the enforcing the CCCP. A critical customer listing has been compiled by the system and was available for review. However, there were no current annual test results on file for review for backflow prevention devices installed within the distribution system. The list must reflect the type of backflow preventer required and the last date of inspection for each customer. All correspondence with customers and the required annual test reports must be kept on file by the system for review during inspections and surveys performed by LDH. Please provide a written statement to include actions taken to effectively enforce the CCCP and any current correspondence and/or annual test reports for all identified customers with backflow preventers installed.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Hayden K. Keigley, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (337) 262-5634.

Respectfully,

Hayden K. Keigley, P.E.
Engineer 4

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Todd Abshire, Designated Operator, Town of Arnaudville Water System

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 1450 0000 1658 1255

June 11, 2019

Melvin Bertrand Jr.
Bayou Teche Water Works
P.O. Box 450
Loreauville, LA 70552

Re: Class I Sanitary Survey
Bayou Teche Water Works
PWS ID #: LA 1099002
St. Martin Parish

Dear Mr. Bertrand, Jr.:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 29, 2019 sanitary survey inspection of the public water supply system for Bayou Teche Water Works. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Hayden K. Keigley	LDH/OPH Region IV Engineering
Ricky Frederick	Bayou Teche Water Works, Inc.

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Hayden K. Keigley, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (337) 262-5634.

Respectfully,

Hayden K. Keigley, P.E.
Engineer 4

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Ricky Frederick, Designated Operator, Bayou Teche Water Works

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 1450 0000 1658 0180

May 3, 2019

Chester Cedars
ST MARTIN WATER WORKS DIST 4 - CATAHOULA
P.O. Box 9
St Martinville, LA 70582

Re: Class I Sanitary Survey
ST MARTIN WATER WORKS DIST 4 - CATAHOULA Public Water System
PWS ID LA1099004
ST MARTIN Parish

Dear Mr. Cedars:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 25, 2019 sanitary survey inspection of the public water supply system for ST MARTIN WATER WORKS DIST 4 - CATAHOULA (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Dillan Crawford	OPH Region IV Engineering
Thayer E. Jones	St Martin Parish Government
Hayden K. Keigley	OPH Region IV Engineering

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	An ordinance for a Cross Connection Control Program (CCCP) was adopted by the water system. The water system has not been enforcing the CCCP and there were no current files for review during the sanitary survey. An up-to-date customer listing must be compiled showing the critical customers within the distribution system. All commercial customers should be assessed for proper backflow prevention devices. It is the responsibility of the water system to ensure all customers, residential and commercial, with auxiliary water, such as ponds, pools, fountains, animal watering troughs, etc., are properly filling these vessels using an air gap or an approved backflow prevention device. Customers must be given notification of their obligations as part of the water systems working CCCP. All correspondence and required annual testing must be kept on file by the water system for review during sanitary surveys and inspections by LDH. Please provide a written statement to include actions that will be taken by the water system to enforce the CCCP as a requirement, an up-to-date list of critical customers and current annual test reports for all customers with backflow preventers.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	A review of the water system's chlorine residual records showed chlorine residual records were not monitored and recorded on a daily basis as required for the POE and MRT locations. Chlorine residuals must be monitored daily at the water production (POE) site(s) and recorded on the approved LDH Report #1.A critical point (MRT), the location in the water system furthest from treatment, must be monitored daily and recorded on the approved LDH Report #2.An additional chlorine residual check must be made monthly at the approved ACR site(s) and recorded on the approved LDH Report #3.These sampling points were established for the water system during the submittal of the Monitoring Plan on the Monitoring Portal website.A free chlorine residual of 0.50 mg/L is required at all times and at all locations tested. Begin measuring the residuals daily at the approved locations described using a digital chlorine

		analyzer and recording on signed and dated "LDH Approved Chlorine Residual Forms" which can be found on LDH's website using the following link:http://www.ldh.la.gov/index.cfm/page/963.Please send the Region 4 office a copy of the next three (3) months of properly recorded, chlorine residual forms.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The water system representative was not able to retrieve records or provide evidence of sufficient maintenance or breadth of record keeping. An approved drinking water system must ensure that records and reports are satisfactorily maintained and retrievable. Copies of records and reports for any drinking water system must be filed in folders identifying the public water system by name as well as public water system identification number (PWS ID #) and must be made available for review upon request by the state health officer. It is strongly recommended that the water system begin filing documentation (e.g. lab reports, correspondences, etc.) separately and in chronological order for the following categories: Daily Operating Reports, LDH-Approved Chlorine Residual Reports, Bacteriological Sampling Results, Chemical Sampling Results, Cross Connection Control Policy/Backflow Prevention Test Reports, Complaint Logs, Consumer Confidence Reports (CCRs), Miscellaneous. Feel free to contact this office at (337) 262-5746 to further discuss fulfilling these requirements.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Dillan Crawford,
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1807783-001	Repeat	7/12/2018		0.140	0.360
A1807783-003	Repeat	7/12/2018		0.210	0.210
A1807121-002	Routine	7/10/2018		0.030	0.540
A1807121-003	Routine	7/10/2018		0.000	0.020

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
565	12/12/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	12/01/2018 - 12/31/2018
564	11/26/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	11/01/2018 - 11/30/2018
563	11/16/2018	5% DS BELOW MIN 0.5-2 MONTHS	10/01/2018 - 10/31/2018

		CONSEC(GW)	
562	10/25/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	09/01/2018 - 09/30/2018
559	09/18/2018	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	
556	07/10/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2018 - 07/31/2018
555	06/05/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2018 - 06/30/2018
554	05/05/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	04/01/2018 - 04/30/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5746.

Respectfully,

Dillan Crawford,

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7007 2560 0003 2846 3436

August 19, 2019

Kevin Kately
Village of Parks Water System
1010 Martin Street
Parks, LA 70582

RECEIVED
AUG 23 2019
ENGINEERING SERVICES

Re: Class I Sanitary Survey
Village of Parks Water System
PWS ID#: LA1099008
ST MARTIN Parish

Dear Mayor Kately:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 12, 2019 sanitary survey inspection of the public water supply system for VILLAGE of PARKS WATER SYSTEM. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Brent Bouy	LDH/OPH Region IV Engineering
Glenn Perrodin	Village Of Parks Water System

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Operator Compliance with State Requirements	The water system is not under the control and supervision of a duly certified operator. The water system, per population and system design at the time of the survey, must be placed under the supervision and control of a certified operator holding at least level III certifications in the categories of Water Production, Water Treatment, and Water Distribution. On August 14, 2019, Mayor Kevin Kately provide us with a contract stating that Jordan Musso will be the systems designated operator.
FACILITY	**CATEGORY**	**FINDINGS**
Management	Other	During the survey, it was noted that the tee fitting on Well #4 was open to the atmosphere, leaking, and a direct pathway for contamination. Clean, disinfect, and repair this exposed piping immediately to further prevent contamination of the treated water supply. **See Attachment #9**
FACILITY	**CATEGORY**	**FINDINGS**
Management	Security	A section of security fence surrounding Well #5 is partially down and not tall enough to prevent unauthorized access. The water system facilities must be located inside of a continuous, climb-resistant fence that is at least six feet in height. **See Attachment #3**
FACILITY	**CATEGORY**	**FINDINGS**
DS0950 - DISTRIBUTION SYSTEM	Distribution System	An ordinance for a Cross Connection Control Program (CCCP) was adopted by the water system. The water system has not been enforcing the CCCP and their current files for review during the sanitary survey was outdated. An up-to-date customer listing must be compiled showing the critical customers within the distribution system. All commercial customers should be assessed for proper backflow prevention devices. It is the responsibility of the water system to ensure all customers, residential and commercial, with auxiliary water, such as ponds, pools, fountains, animal watering troughs, etc., are properly filling these vessels using an air gap or an approved backflow prevention device. Customers must be given notification of their obligations as part of the water systems working CCCP. All correspondence and required annual testing must be kept on file by the water system for review during sanitary surveys and inspections by LDH. Please provide a written statement to include actions that will be taken by the water system to enforce the CCCP as a requirement, an up-to-date list of critical customers and current annual test reports for all customers with backflow preventers.

FACILITY	CATEGORY	FINDINGS
1099008-002 - WELL #2	Source	The casing vent piping has rusted to the point that it has fallen off the well casing. The two-inch hole on the side of the casing is a source of contamination. The casing vent piping and well casing must be fixed, cleaned, treated and painted to resist further contamination, corrosion, and deterioration.
FACILITY	**CATEGORY**	**FINDINGS**
1099008-004 - WELL #4	Source	The well has been inactive for two years and has not been plugged and abandoned. All wells that are not being used as a source of water must be properly plugged and abandoned in accordance with all of Louisiana's applicable standards, rules and regulations. Upon completion, provide written documentation to LDH stating that the well has been properly plugged and abandoned.
FACILITY	**CATEGORY**	**FINDINGS**
1099008-005 - WELL #5	Source	The well's prelube drain line is currently not draining. Unclog the prelube drain line to prevent any potential source of contamination. **See Attachment #4**

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE TANK	Finished Water Storage	From review, the ground storage tank should be inspected because it may have a leak in it. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of the finished water storage facility could benefit from an inspection. **See Attachment #2**
FACILITY	**CATEGORY**	**FINDINGS**
TP002 - ELEVATED TOWER TREATMENT PLANT	Treatment	The air intake and exhaust of the chlorine room appear to remain open at all times. The air intake and exhaust should be inspected and serviced to facilitate airtight closure when the facility is unoccupied.
FACILITY	**CATEGORY**	**FINDINGS**
TP002 - ELEVATED TOWER TREATMENT PLANT	Treatment	The chlorine gas room must have separate switches for the fan and lights located outside of the chlorine room. The switches for the chlorine room are currently not operational. Install separate switches outside of the chlorine room to control the lighting and ventilating fan.
FACILITY	**CATEGORY**	**FINDINGS**
TP002 - ELEVATED TOWER TREATMENT PLANT	Treatment	The ventilating fan is currently not operational. Either the fan is broken or there is an electrical issue. The chlorine room must be equipped with a working ventilating fan.
FACILITY	**CATEGORY**	**FINDINGS**

1099008-002 - WELL #2	Source	The well's outer casing, casing vent piping, discharge piping, and/or steel base plate used to support the pump are showing signs of heavy rusting, corrosion, and flaking paint. The well's outer casing, casing vent piping, discharge piping, and/or steel base plate must be maintained to avoid further corrosion, deterioration and/or potential structural failure. Clean, treat and paint the well's outer casing, casing vent piping, discharge piping, and steel base plate to prevent sources of potential contamination. Evaluation of the area may be needed to support whether increased measures are needed to properly protect the well and its appurtenances. Heavy flaking may need professional guidance to remediate. **See Attachment #10**
FACILITY	**CATEGORY**	**FINDINGS**
1099008-005 - WELL #5	Source	The well's outer casing, casing vent piping, discharge piping, and/or steel base plate used to support the pump are showing signs of rusting, corrosion, and flaking paint. The well's outer casing, casing vent piping, discharge piping, and/or steel base plate must be maintained to avoid further corrosion, deterioration and/or potential structural failure. Clean, treat and paint the well's outer casing, casing vent piping, discharge piping, and steel base plate to prevent sources of potential contamination. Evaluation of the area may be needed to support whether increased measures are needed to properly protect the well and its appurtenances. Heavy flaking may need professional guidance to remediate. **See Attachment #5 and #6**
FACILITY	**CATEGORY**	**FINDINGS**
1099008-003 - WELL #3	Source	The well's outer casing, casing vent piping, discharge piping, and/or steel base plate used to support the pump are showing signs of rusting, corrosion, and flaking paint. The well's outer casing, casing vent piping, discharge piping, and/or steel base plate must be maintained to avoid further corrosion, deterioration and/or potential structural failure. Clean, treat and paint the well's outer casing, casing vent piping, discharge piping, and steel base plate to prevent sources of potential contamination. Evaluation of the area may be needed to support whether increased measures are needed to properly protect the well and its appurtenances. Heavy flaking may need professional guidance to remediate. **See Attachment #8 and #7**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written

confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP002 - ELEVATED TOWER TREATMENT PLANT	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized. The water system currently uses automatic switch over between 2 - 150 lb. gas cylinders to guarantee continuous disinfection.
FACILITY	**CATEGORY**	**FINDINGS**
TP001 - TREATMENT PLANT	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized. The water system currently uses automatic switch over between 2 - one ton gas cylinders to guarantee continuous disinfection.
FACILITY	**CATEGORY**	**FINDINGS**
TP002 - ELEVATED TOWER TREATMENT PLANT	Treatment	The chlorine gas cylinders are not properly secured. Full and empty cylinders of chlorine gas must be restrained in position at all times to prevent upset. Properly secure all chlorine gas cylinders.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Brent Bouy, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5316.

Respectfully,

Brent Bouy, P.E.
Region IV Engineer

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

Attachments



Attachment #2
Facility ID: GROUND STORAGE TANK
Category: Finished Water Storage



Attachment #3
Facility ID: WELL #5
Category: Security

Office of Public Health ▪ Acadian Region 4 ▪ Engineering Services

825 Kaliste Saloom Road ▪ Brandywine 3 ▪ Suite 100 ▪ Lafayette, LA 70508

Office: (337) 262-5311 ▪ Fax: (337) 262-5638 ▪ www.ldh.la.gov

"An Equal Opportunity Employer"



Attachment #4
Facility ID: WELL #5
Category: Source



Attachment #5
Facility ID: WELL #5
Category: Source



Attachment #6
Facility ID: WELL #5
Category: Source



Attachment #7
Facility ID: WELL #3
Category: Source



Attachment #8
Facility ID: WELL #3
Category: Source



Attachment #9
Facility ID: WELL #4
Category: Other



Attachment #10
Facility ID: WELL #2
Category: Source

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7007 2560 0003 2846 3399

July 22, 2019

Jessie Doiron
St Martin Water and Sewer Commission 1
PO Box 2384
Morgan City, LA 70381

Re: Class I Sanitary Survey
St Martin Water and Sewer Commission 1
PWS ID#: LA1099010
St Martin Parish

Dear Mr. Doiron:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 8, 2019 sanitary survey inspection of the public water supply system for ST MARTIN WATER AND SEWER COMMISSION 1. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Brent Bouy	LDH/OPH Region IV Engineering
Wendie Hotard	St Martin W & S Comm No 1
Sheila Landry	St Martin W & S Comm No 1
Wilton Richard	Dove Environmental

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/06/2017	11/13/2017	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT PLANT
Comments: The water system has only one chlorinator pump installed in the chloramine booster station. Systems which require chlorination for protection of the water supply shall have sufficiently sized replacement equipment on standby. Please provide labeled photographic documentation of completed modifications.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	During the water system survey that was conducted on July 8, 2019, water samples were analyzed for the following parameters: pH, Total Chlorine, Free Ammonia, and Nitrite. The results are shown in Table 1 of this document. Base on Table 2 in the Nitrification Control Plan and the results obtained by sampling during the survey, the water system is in a Level 3 Action Level Response. The water system needs to immediately obtain the proper equipment for monitoring the water parameters shown in there Nitrification Control Plan. These water parameters will dictate which Action Level Response is required. This office will require the water system to submit a monthly report that shows the water parameters in Table 1 of the Nitrification Control Plan and if any of this parameters triggered a response action. The report will also include what Level of response that was triggered and what Action Level Responses that are needed and/or completed.

Table 1 – Water Parameters Obtained During the July 8, 2019 Water System Survey

Location	pH	Free Cl	Total Cl	Monochloramine	Free Ammonia	Nitrite	Water Temperature
	Std.	mg/l	mg/l	mg/l	mg/l	mg/l	°C
POE-001	7.04	0.00	2.21	1.41	0.27***	--	29.50
MRT-005	6.84	--	0.07***	0.00	0.03*	0.045**	29.40
Treatment Site Near TCR-007	--	0.00	1.92	1.10	0.48***	0.012*	--

* - Level 1 Trigger
** - Level 2 Trigger
*** - Level 3 Trigger

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	During the survey, it was apparent that the procedures used by the water system to check daily chlorine residuals are incorrect. Personnel must review instructional materials on the correct operation of the equipment that is being used to sample for chlorine residuals. Chlorine residuals results recorded on the "LDH Approved Chlorine Residual Forms" shall be to two (2) decimal places. Please send the Region 4 office a copy of the next three (3) months of properly recorded, chlorine residual forms.
FACILITY	**CATEGORY**	**FINDINGS**
TP001 - TREATMENT PLANT	Treatment	During the sanitary survey, a total chlorine residual reading of 0.07 mg/L was obtained at the MRT sampling site. It was discussed that the water system will be adding in a disinfection injection point to address the current issue. Under the direction of the designated operator, make necessary adjustments to the quantity of disinfection being injected to ensure the proper minimum total chlorine residual of 0.50 mg/L is present throughout the distribution system at all times.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Brent Bouy, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
845	07/09/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	07/01/2019 - 07/31/2019
844	06/18/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2019 - 06/30/2019
842	02/21/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	02/01/2019 - 02/28/2019
841	11/19/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	11/01/2018 - 11/30/2018
840	08/28/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5316.

Respectfully,

Brent Bouy, P.E.
Region IV Engineer

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 1450 0000 1658 0449

August 28, 2019

Gayle Davidson
Total Environmental Solutions, Inc.
TESI Atchafalaya Acres Water System
P.O. Box 14059
Baton Rouge, LA 70898-4059

Re: Class I Sanitary Survey
TESI Atchafalaya Acres Water System
PWS ID #: LA 1099013
St. Martin Parish

Dear Ms. Davidson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 15, 2019 sanitary survey inspection of the public water supply system for TESI Atchafalaya Acres Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Hayden K. Keigley	LDH/OPH Region IV Engineering
Dillan Crawford	LDH/OPH Region IV Engineering
Cliff Langley	Total Environmental Solutions, Inc.

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	During the sanitary survey visit, it was noted that changes requiring a written approval from the state health officer were started and/or completed without authorization. Two (2) new hydropneumatic tanks have been installed and are currently valved off and are being bypassed. As discussed, these tanks were installed to by the public water system to increase the chlorine contact time. Please submit stamped, signed and dated as-built plans and specifications to this office sealed by a Louisiana licensed professional engineer for review and approval by LDH. **(See Attachment A-1)**
FACILITY	**CATEGORY**	**FINDINGS**
1099013-003 Well #3	Source	There is only one (1) active source being used to provide service to the public water system. Per LAC 51:XII.169.B.2, all community water systems must have a minimum of two (2) approved and active wells when groundwater is the only source of water supply. A connection to another approved public water supply may suffice as a secondary source of water if it can meet the demand. Provide for at least two (2) approved sources of water. Consult with a Louisiana licensed Professional Engineer or licensed well driller as necessary and discuss with LDH prior to taking action. Please contact LDH for questions related to public notification in lieu of construction of a secondary source or connection to another approved public water system.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection resulted from a recent Notice of Violations letter issued to the public water system. LDH strongly recommends that the following be addressed to maintain compliance with primary drinking water regulations.

LDH issued a Notice of Violations letter dated on June 16, 2019 in regards to concerns of the elevated total chlorine readings being reported by TESI. During the sanitary survey, LDH performed water quality testing along with Mr. Cliff Langley while onsite and the results obtained are as follows:

Location Tested	Time (CST)	pH	Temp. (°C)	Free Cl_2 (mg/L)	Total Cl_2 (mg/L)	NH_2Cl (mg/L)	Free NH_3 (mg/L)	Total NH_3 (mg/L)	NO_2 (mg/L)
Well #3	1:35 PM	7.40	24.5	0.00	-	0.01	> 0.60	0.86	0.00
POE-012	1:20 PM	7.44	23.0	-	1.70	0.00	0.06	0.05	0.00
POE-012	2:15 PM	7.40	27.4	1.14	2.48	0.16	-	-	0.00
TCR-018	3:10 PM	7.43	7.43	-	2.47	0.00	0.11		0.00
TCR-018	3:22 PM	-	-	1.73	-	-	-	-	-

Table 1. Reported Readings Obtained Using a HACH SL 1000 Portable Parallel Analyzer

Location Tested	Start Time (CST)	Free Cl_2 (mg/L)	Total Cl_2 (mg/L)	NOTES:
POE-012	12:26 PM	1.34	7.2	Free Cl_2 recorded @ 20 sec; Total Cl_2 recorded @ 3 min.
POE-012	12:39 PM	1.64	-	Free Cl_2 recorded @ 20 sec.
POE-012	12:48 PM	1.32	-	Free Cl_2 recorded @ 20 sec.
POE-012	12:51 PM	1.39	5.1	Free Cl_2 recorded @ 20 secs; Total Cl_2 recorded @ 3 min.
TCR-018	3:10 PM	1.47	1.73	Free Cl_2 recorded @ 20 secs; Total Cl_2 recorded @ 3 min.

Table 2. Readings Obtained Using LDH's HACH 58700-00 & the PWS's DR 900 Portable Analyzers

In response to LDH's Notice of Violations, TESI provided a letter on July 24, 2019. The response indicated that TESI Atchafalaya Acres Water System elected to remain a free chlorine system. However, the required Monitoring and Control Plan (MCP) provided by TESI was not sufficient. Based on the above results and TESI's response, the groundwater source does contain naturally occurring ammonia, which is affecting proper treatment by the water system.

Recommended corrective actions stated in the Notice of Violations that the water system may either:

1. Remain a free chlorine system and submit a MCP to ensure proper treatment. The MCP must characterize the chlorine demand of the source water, the amount of free chlorine required to achieve proper treatment and identify monitoring to be performed to ensure proper treatment is consistently being achieved, or

2. Become a chloramine system by using and/or adding ammonia and submit a MCP that includes the chlorine demand of the source water and the amount of chlorine required to achieve proper treatment. In addition, a permit would be required for the conversion to a chloramine system inclusive of a chloramine test to identify the type of chloramines created in the system, a Nitrification Control Plan, dose calculations, and a public notice.

An independent, in-depth analysis must be conducted on the groundwater well to determine the amounts of naturally occurring ammonia being produced as well as the chlorine demand for the water source. Based on the results of this analysis, supporting evidence to remain a free chlorine system and justification for not converting to a chloramine (total chlorine) system must be provided to LDH.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Hayden K. Keigley, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation No.	Violation Date	Violation Type	Compliance Period
4011845	06/24/2019	Inadequate Minimum Chlorine Residual	05/01/2019 - 05/31/2019
4011844	06/18/2019	Inadequate Minimum Chlorine Residual	06/01/2019 - 06/30/2019

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (337) 262-5634.

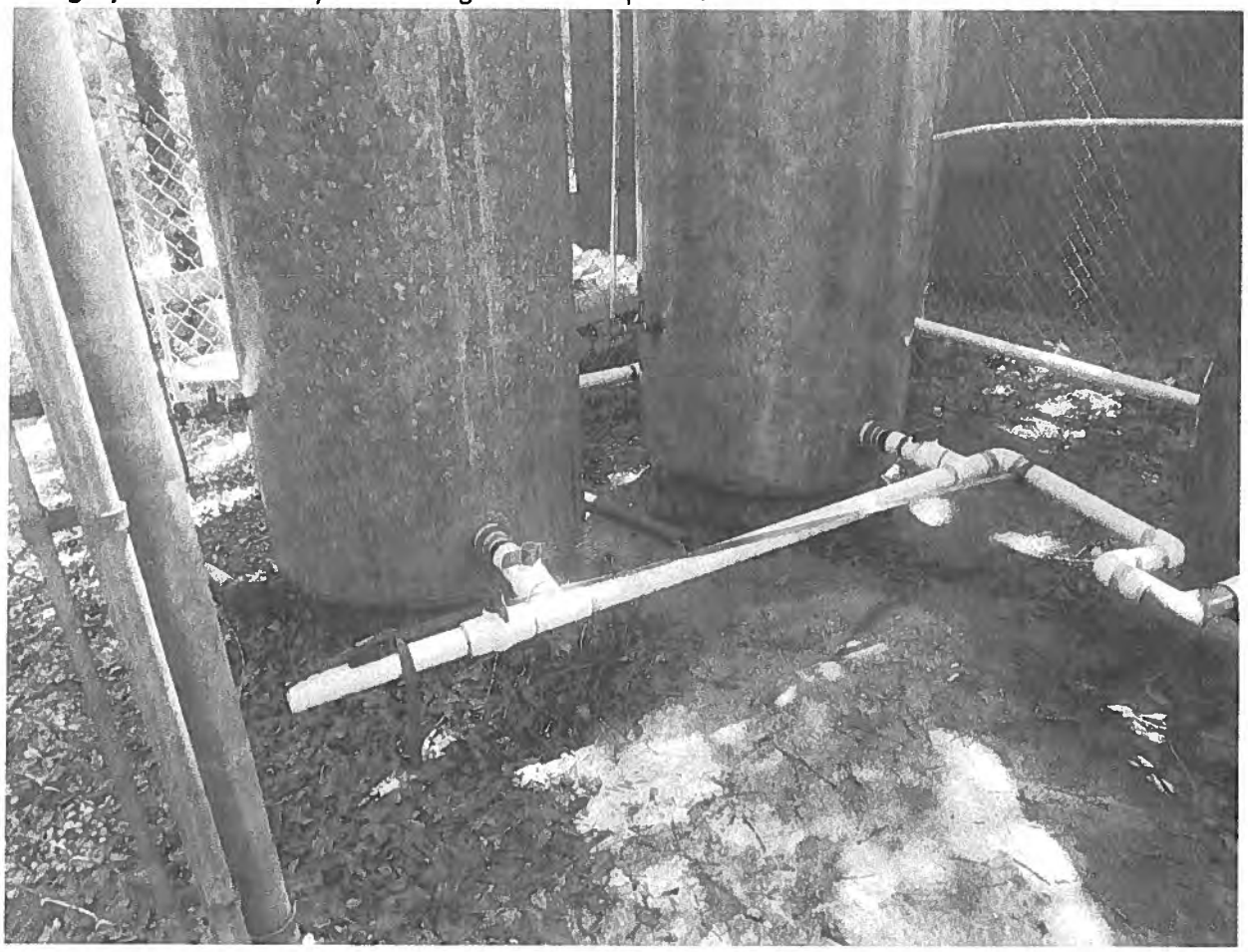
Respectfully,

Hayden K. Keigley, P.E.
Engineer 4

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Lawrence Messmer, Designated Operator, Total Environmental Solutions, Inc.
Cliff Langley, Operator, TESI Atchafalaya Acres Water System

Attachments

Attachment A-1: Unapproved Hydropneumatic Tanks
Category: System Management and Operation



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7007 2560 0003 2846 3405

July 24, 2019

Wayne Taylor
River Ridge Estates Water System
309 Quiet Oaks Drive
Youngsville, LA 70592

Re: Class I Sanitary Survey
River Ridge Estates Water System
PWS ID#: LA1099023
ST MARTIN Parish

Dear Mr. Taylor:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 2, 2019 sanitary survey inspection of the public water supply system for RIVER RIDGE ESTATES WATER SYSTEM. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Brent Bouy	LDH/OPH Region Iv Engineering
Timmy Courville	Henderson Nina Water System

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Bacteriological and chemical test result reports from the laboratory shall be kept on file and retained for not less than ten (10) years. During the sanitary survey, the test results were not available for review. All such records shall be made available for review during inspections and sanitary surveys of the public water system performed by LDH.
FACILITY	**CATEGORY**	**FINDINGS**
HD001 - DROPNEUMATIC TANK	Finished Water Storage	The water sight glass for the hydropneumatic tank is valved off. A water sight glass must be provided on the hydropneumatic tank. Turn the valve on the sight glass on the hydropneumatic tank to provide for a means of measuring the contents being stored in the tank. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
1099023-001 - WELL #1	Source	There is currently only one (1) well active for the public water system. At least two sources of groundwater must be provided. The total developed groundwater source capacity, unless otherwise specified by the reviewing authority, shall equal or exceed the design maximum day demand with the largest producing well out of service. A back-up or emergency connection to another approved public water supply may suffice as a second source of water provided that source can meet demand. All sources of water must be approved by the LA Dept. of Health. It was mentioned during the sanitary survey that there are plans to connect to the Henderson-Nina Water System.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Brent Bouy, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
07/09/2019	.016 MG/L	.010 MG/L	ARSENIC	04/01/2019 - 06/30/2019
04/04/2019	0.017 MG/L	0.010 MG/L	ARSENIC	01/01/2019 - 03/31/2019

01/18/2019	0.016 MG/L	0.010 MG/L	ARSENIC	10/01/2018 - 12/31/2018
10/17/2018	0.018 MG/L	0.01 MG/L	ARSENIC	07/01/2018 - 09/30/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
4005370	06/18/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2019 - 06/30/2019
4005368	02/21/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	02/01/2019 - 02/28/2019
4005365	09/21/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	09/01/2018 - 09/30/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5316.

Respectfully,

Brent Bouy, P.E.
Engineer V

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering

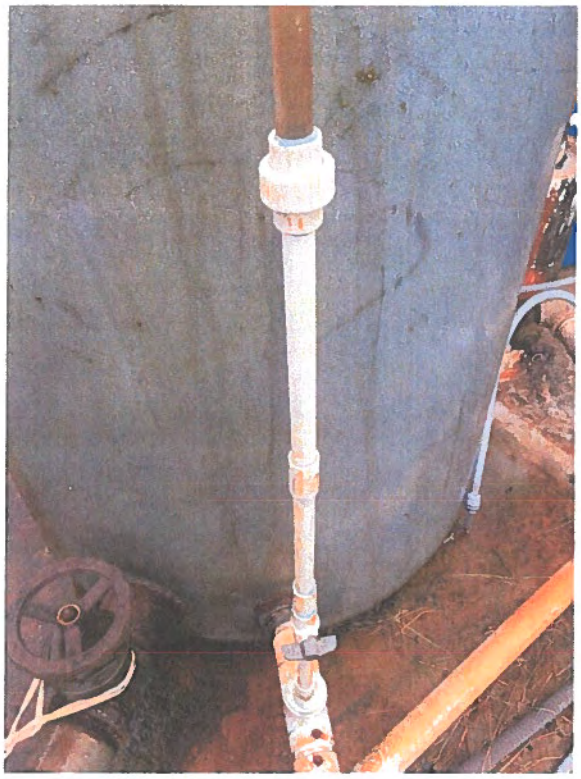
John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

Attachments



Attachment #1
Facility ID: DROPNEUMATIC TANK
Category: Finished Water Storage

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 0530 0000 1957 6133

July 29, 2019

Wayne Taylor
RIVER RIDGE ESTATES WATER SYSTEM
309 Quiet Oaks Drive
Youngsville, LA 70592

Re: Level 2 Assessment
- MCL Violation Triggered on July 26, 2019
RIVER RIDGE ESTATES WATER SYSTEM
PWS ID LA1099023
ST MARTIN Parish

Dear Responsible Party:

The Louisiana Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 26, 2019 RTCR Level 2 Assessment of the public water supply system for River Ridge Estates Water System. The intent of this assessment, in response the MCL Violation triggered on July 26, 2019, is to locate sanitary defects the could infer with the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code.

Parties Present

Name	Organization
Steven R. Joubert (report only)	LDH/OPH Region V Engineering
Brent Bouy (field)	LDH/OPH Region IV Engineering
Kimberly Theriot (field)	LDH/OPH Region IV Engineering

The RTCR Level 2 Assessment form is enclosed with this letter. Please review the findings of the assessment report. The sanitary defects listed in the table, starting on page 5 of the RTCR Level 2 Assessment Form titled "Issue Descriptions and Corrective Actions" must be corrected and a written response submitted to the department within 30 days of the RTCR Level 2 Assessment triggered on July 26, 2019. The response is due on or before August 25, 2019. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these sanitary defects, then the written response must also contain a request with specific dates when the sanitary defects will be corrected.

COPY

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/02/2019	07/24/2019	Sanitary Survey, Finished	Minor	Finished Water Storage	HD001-DROPNEUMATIC TANK
Comments: The water sight glass for the hydropneumatic tank is valved off. A water sight glass must be provided on the hydropneumatic tank. Turn the valve on the sight glass on the hydropneumatic tank to provide for a means of measuring the contents being stored in the tank.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/02/2019	07/24/2019	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: Bacteriological and chemical test result reports from the laboratory shall be kept on file and retained for not less than ten (10) years. During the sanitary survey, the test results were not available for review. All such records shall be made available for review during inspections and sanitary surveys of the public water system performed by LDH.					

Significant Defects (Requiring corrective action and response on or before August 25, 2019)

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Chlorine residuals must be monitored daily at the water production (POE) site(s) and recorded on the approved LDH Report #1. A critical point (MRT), the location in the water system furthest from treatment, must be monitored daily and recorded on the approved LDH Report #2. An additional chlorine residual check must be made monthly at the approved ACR site(s) and recorded on the approved LDH Report #3. A free chlorine residual of 0.50 mg/L is required at all times and at all locations tested. Daily checks help to support continuous disinfection. Begin measuring the residuals daily at the approved locations described using a digital chlorine analyzer and recording on signed and dated "LDH Approved Chlorine Residual Forms" which can be found on LDH's website using the following link: http://www.ldh.la.gov/index.cfm/page/963. Please send the Region 4 office a copy of properly recorded, chlorine residual forms.
FACILITY	CATEGORY	FINDINGS
Management	Operator Compliance with State Requirements	The water system is not under the control and supervision of a duly certified operator. The water system, per population and system design at the time of the survey, must be placed under the supervision and control of a certified operator holding at least level 1 certifications in the categories of Water Production and Water Distribution. The operator certification office can be reached by phone at (225) 342-7508. The operator certification website is located on LDHs website using the following link: http://www.dhh.louisiana.gov/index.cfm/page/416

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	Disinfection equipment was available with no visible disinfection present onsite. Chlorine was not detected in the compliance or repeat monitoring events. Continuous disinfection must be maintained. Confirm disinfection equipment is functioning properly, provide NSF approved disinfectant, and make the necessary adjustments to achieve the minimum disinfection residual of 0.5 ppm free at the point of entry and throughout the distribution system.

he following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1907511-002	Repeat	7/25/2019		0.000	0.000
A1906498-001	Routine	7/23/2019		0.000	0.000

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
07/09/2019	.016 MG/L	.010 MG/L	ARSENIC	04/01/2019 - 06/30/2019
04/04/2019	0.017 MG/L	0.010 MG/L	ARSENIC	01/01/2019 - 03/31/2019
01/18/2019	0.016 MG/L	0.010 MG/L	ARSENIC	10/01/2018 - 12/31/2018
10/17/2018	0.018 MG/L	0.01 MG/L	ARSENIC	07/01/2018 - 09/30/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
4005370	06/18/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2019 - 06/30/2019
4005368	02/21/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	02/01/2019 - 02/28/2019
4005365	09/21/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	09/01/2018 - 09/30/2018

Written Response Required

Send written responses and confirmation regarding findings of the RTCR Level 2 Assessment to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southwest Region V
Attn: Steven R. Joubert, P.E.
707-A East Prien Lake Road
Lake Charles, Louisiana 70601

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-475-3214.

Respectfully,

Steven R. Joubert, P.E.
District III Engineer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: River Ridge Estates Water System		PWS ID#: 1099023
Contact Name: Wayne Taylor		Phone #: 1-337-228-7271
PWS Address: Atchafalaya River Road, Butte LaRose		E-mail: N/A
Name of Lead Assessor: Steven R. Joubert		Date Completed: 7/26/2019
Level 2 Trigger	*E. coli* Positive: YES X NO ☐	If yes, which sample(s) from Section II? #1
	1st Level 1: YES ☐ NO ☐	Date of 1st Level 1: N/A

II. Positive Sample Information (Use page 7 to report additional positive monthly samples)

Positive Sample #1:	Sample POC#: MRT-002	Sample POC Name: NE Corner of Lot 2
Sample Date: 7/23/2019	Name of Sample Collector: Kristen Hungerford	
Chlorine Residual: Free X Total ☐	Not Measured ☐	0.00 mg/L
Was the sample collected according to the sample siting plan?		YES X NO ☐
Was the condition of the sample tap appropriate for collection?		YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES X NO ☐

Positive Sample #2:	Sample POC#: RPDN	Sample POC Name: 1005 River Ridge Rd.
Sample Date: 7/25/2019	Name of Sample Collector: Kristen Hungerford	
Chlorine Residual: Free X Total ☐	Not Measured ☐	0.00 mg/L
Was the sample collected according to the sample siting plan?		YES X NO ☐
Was the condition of the sample tap appropriate for collection?		YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES X NO ☐

Positive Sample #3:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐	Not Measured ☐	mg/L
Was the sample collected according to the sample siting plan?		YES X NO ☐
Was the condition of the sample tap appropriate for collection?		YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES X NO ☐

Positive Sample #4:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐	Not Measured ☐	mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

III. Assessment Questions

A. Source – Well

**If PWS does not use a well source check here and skip to subsection B* ☐

Which well sources were not used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Was a new source activated?		X		
2. Is the ground graded to prevent surface water flow towards the well?	X			
3. Does the well casing extend at least 18" above the ground?	X			
4. Is the exposed portion of the well casing in good condition?	X			
5. Does the well have a secured sanitary seal well cap?	X			
6. Is the sanitary seal well cap vented and screened?	X			
7. Is there a down turned well vent that is at least 24 inches above the ground surface?	X			
8. Are appropriate backflow prevention devices installed, maintained and tested on all cross connections?			X	
9. Does raw water quality data indicate changes to the source water quality?		X		
10. Has source yield changed?		X		
11. Are there obvious sources of contamination in the vicinity of the well?		X		
12. Was the well pump recently repaired or replaced?		X		
13. Are there signs of vandalism at the well?		X		
14. Have there been any unusual weather events that may have impacted the well?		X		
15. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the well?		X		

Assessor Name: Steven R. Joubert, P.E.

B. Source – Surface Water

**If PWS does not use a surface water source check here and skip to subsection C* X

Which surface water sources were used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Is the surface water intake screened and maintained?				
2. Is the pump house protected from unauthorized personnel?				
3. Does raw water quality data indicate changes to the source water quality?				
4. Are there obvious sources of contamination within the nearby watershed?				
5. Are there signs of vandalism at the surface water intake?				
6. Have severe weather events such as heavy rainfall, rapid snowmelt, drought, or reservoir turnover occurred?				
7. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the source?				

Assessor Name:

C. Treatment Processes

Questions:	YES	NO	N/A	Unk.
1. Have there been interruptions in any treatment processes?	X			
2. Has the treatment plant(s) or finished water pump(s) experienced any power interruptions?		X		
3. Has there been any recent installation or repair of treatment equipment?		X		
4. Have there been changes to any treatment processes?		X		
5. Does water quality data indicate inadequate/inappropriate treatment of water?	X			
6. Are all treatment processes operational and maintained?		X		
7. Is there an air gap between treatment instrumentation and waste lines?			X	
8. Were there any failures to meet required CT values?			X	
9. Did treatment plant flow rates exceed the permitted capacity?		X		
10. Is the PWS meeting all permit special conditions (alternative treatment technologies)?			X	
11. Did a review of the turbidity data reveal any anomalies?			X	
12. Did a review of chlorine residual data reveal any anomalies or deficiencies?	X			

Assessor Name: Steven R. Joubert, P.E.

D. Distribution System

Questions:	YES	NO	N/A	Unk.
1. Have line breaks and repairs, or large firefighting events occurred?		X		
2. If samples were collected from inside a building, has there been any recent plumbing work conducted at the site?		X		
3. If samples were collected from inside a building, does the site have additional water treatment installed?		X		
4. Is there evidence that the system experienced low or negative pressure?	X			
5. Was there any scheduled flushing of the distribution system?		X		
6. Are pump stations protected from unauthorized personnel?			X	
7. Are appropriate backflow prevention devices installed, maintained, and tested on all cross connections?			X	
8. Are air relief valves maintained and operational without leaks?			X	
9. Are pump stations maintained and equipment operational?			X	
10. Are fire hydrants and blow offs maintained and operational without leaks?			X	
11. Does water quality data collected in the distribution system show results indicative of an issue?	X			
12. Have any water related customer complaints been received?		X		
13. Is there any evidence of intentional contamination in the distribution system?		X		
14. Are there issues related to monitoring taps in the distribution system?		X		

Assessor Name: Steven R. Joubert, P.E.

E. Storage Tanks

**If no storage tank check here and skip to section IV.* ☐

Questions:	YES	NO	N/A	Unk.
1. Is the pressure tank maintaining an appropriate minimum pressure?	X			
2. Are all vents and overflow pipes screened?			X	
3. Is the tank maintained and free of rust, holes and leaks?	X			
4. Are there any unsealed openings in the storage facility such as access doors, vents or joints?		X		
5. Are signs of vandalism visible?		X		
6. Are roof hatches and manhole openings tightly covered and locked?			X	
7. Do downspouts and overflow pipes drain water away from structure?			X	
8. Have all storage tanks been inspected and cleaned within the last 5 years?				X
9. Were there any repair activities associated with the storage tanks?		X		

Assessor Name: Steven R. Joubert, P.E.

F. Water Quality Data Table

Parameter	Number of Each Sample Type Collected		
	Raw (0)	Entry Point (1)	Distribution (1)
Chlorine Residual (mg/L)		POE-001, 0.00 Free	MRT-002, 0.00 free
Turbidity (NTU)			
Coliform Bacteria			
Other (specify below)			

G. Issue Descriptions and Corrective Actions (Use page 8 to report additional issues)

** No issues were found during the assessment:* ☐

Issue Description (list section letter and #) C.1., C.5., & D.11	Corrective Action
Disinfection equipment was available with no visible disinfection present onsite. Chlorine was not detected in the compliance or repeat monitoring events. Continuous disinfection must be maintained.	Confirm disinfection equipment is functioning properly, provide NSF approved disinfectant, and make the necessary adjustments to achieve the minimum disinfection residual of 0.5 ppm free at the point of entry and throughout the distribution system.

Issue Description (list section letter and #) C.12.	Corrective Action
Chlorine residuals must be monitored daily at the water production (POE) site(s) and recorded on the approved LDH Report #1. A critical point (MRT), the location in the water system furthest from treatment, must be monitored daily and recorded on the approved LDH Report #2. An additional chlorine residual check must be made monthly at the approved ACR site(s) and recorded on the approved LDH Report #3. A free chlorine residual of 0.50 mg/L is required at all times and at all locations tested. Daily checks help to support continuous disinfection.	Begin measuring the residuals daily at the approved locations described using a digital chlorine analyzer and recording on signed and dated "LDH Approved Chlorine Residual Forms" which can be found on LDH's website using the following link: http://www.ldh.la.gov/index.cfm/page/963. Please send the Region *4* office a copy of properly recorded, chlorine residual forms.

Issue Description (list section letter and #) C.6.	Corrective Action
The water system is not under the control and supervision of a duly certified operator. The water system, per population and system design at the time of the survey, must be placed under the supervision and control of a certified operator holding at least level 1 certifications in the categories of Water Production and Water Distribution. The operator certification office can be reached by phone at (225) 342-7508. The operator certification website is located on LDHs website using the following link: http://www.dhh.louisiana.gov/index.cfm/page/416	The water system must be under the control and supervision of a duly certified operator.

Issue Description (list section letter and #)	Corrective Action

H. Verification

I hereby certify that the information contained herein is true and correct to the best of my knowledge, information and belief.

Lead Assessor's Name (print): Steven R. Joubert, P.E.

Lead Assessor's Name Signature: **Date:** 7/29/2019

Note - The completed form must be completed within 30 days of a public water system triggering a Level 2 Assessment.

Positive Sample #5:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #6:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #7:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #8:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #9:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7007 2560 0003 2846 3412

July 24, 2019

Wayne Taylor
Elm Point Estates Water System
309 Quiet Oaks Drive
Youngsville, LA 70592

Re: Class I Sanitary Survey
Elm Point Estates Water System
PWS ID#: LA1099024
ST MARTIN Parish

Dear Mr. Taylor:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 2, 2019 sanitary survey inspection of the public water supply system for ELM POINT ESTATES WATER SYSTEM. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Brent Bouy	LDH/OPH Region Iv Engineering
Timmy Courville	Henderson Nina Water System

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/08/2017	08/11/2017	Sanitary Survey, Finished	Significant	System Management and Operation	Management
Comments: During the sanitary survey visit, it was noted that changes requiring a written approval from the state health officer were started and/or completed without authorization. Please submit to this office signed, stamped and dated As-Built plans and specifications from a Louisiana licensed professional engineer for review and approval by LDH.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
08/08/2017	08/11/2017	Sanitary Survey, Finished	Significant	Source	1099024-001-WELL #1
Comments: This well has not been plugged and abandoned. The electrical wiring for the submersible pump is cut. It was mentioned during the sanitary survey that this well is to be used as an emergency well. If this is the case, the emergency well must be operational and have the ability to be sampled by LDH. Since this well does not meet the Active/Emergency criteria, it must be plugged and abandoned properly in accordance with all applicable standards, rules and regulations for the State of Louisiana.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
08/08/2017	08/11/2017	Sanitary Survey, Finished	Minor	Source	1099024-001-WELL #1
Comments: There is currently no pressure gauge installed on the discharge piping of the well. A pressure gauge must be installed as a means to measure the actual operating head conditions. Install a pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
08/08/2017	08/11/2017	Sanitary Survey, Finished	Minor	Source	1099024-002-WELL #2
Comments: There is currently no pressure gauge installed on the discharge piping of the well. A pressure gauge must be installed as a means to measure the actual operating head conditions. Install a pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Bacteriological and chemical test result reports from the laboratory shall be kept on file and retained for not less than ten (10) years. During the sanitary survey, the test results were not available for review. All such records shall be made available for review during inspections and sanitary surveys of the public water system performed by LDH.
FACILITY	**CATEGORY**	**FINDINGS**
HD001 - HYDROPNEUMATIC TANK	Finished Water Storage	The tank is not equipped with a water site glass. A water site glass must be provided. **See Attachment #3 and #4**
FACILITY	**CATEGORY**	**FINDINGS**
TP001 - TREATMENT PLANT	Treatment	During the sanitary survey, a free chlorine residual reading of 0.04 mg/L was obtained at the point of entry sampling site. This indicates that the minimum free chlorine residual is not being maintained throughout the distribution system. It was discussed that the water system will be relocating the disinfection injection point to address the current issue. Under the direction of the designated operator, make necessary adjustments to the quantity of disinfection being injected to ensure the proper minimum free chlorine residual of 0.50 mg/L is present throughout the distribution system at all times. **See Attachment #2**
FACILITY	**CATEGORY**	**FINDINGS**
1099024-001 - WELL #1	Source	The discharge piping at Well #1 is leaking. The discharge piping at Well #1 needs to be repaired or replaced to eliminate the potential for contamination. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Brent Bouy, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
07/09/2019	.011 MG/L	.010 MG/L	ARSENIC	04/01/2019 - 06/30/2019
04/04/2019	0.016 MG/L	0.010 MG/L	ARSENIC	01/01/2019 - 03/31/2019
01/18/2019	0.017 MG/L	0.010 MG/L	ARSENIC	10/01/2018 - 12/31/2018
10/17/2018	0.017 MG/L	0.01 MG/L	ARSENIC	07/01/2018 - 09/30/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
149	06/18/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2019 - 06/30/2019
147	02/21/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	02/01/2019 - 02/28/2019

145	01/10/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
143	08/13/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5316.

Respectfully,

Brent Bouy, P.E.
Region IV Engineer

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

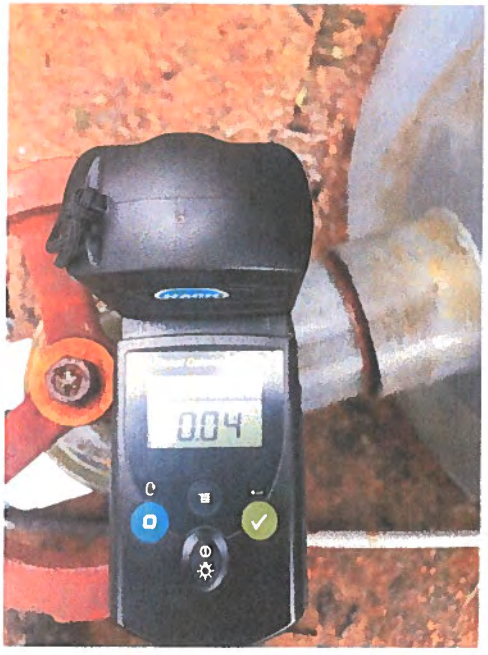
State of Louisiana

Department of Health
Office of Public Health

Attachments



Attachment #1
Facility ID: WELL #1
Category: Source



Attachment #2
Facility ID: TREATMENT PLANT
Category: Treatment





Attachment #3 & #4
Facility ID: HYDROPNEUMATIC TANK
Category: Finished Water Storage

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7018 1830 0000 4149 3265

September 18, 2019

The Estate of Wayne Taylor
c/o Ms. Donna Taylor
ELM POINT ESTATES WATER SYSTEM
309 Quiet Oaks Drive
Youngsville, LA 70592

Re: Level 2 Assessment
- Triggered on September 14, 2019
ELM POINT ESTATES WATER SYSTEM
PWS ID LA1099024
ST MARTIN Parish

Dear Responsible Party:

The Louisiana Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 17, 2019 RTCR Level 2 Assessment of the public water supply system for Elm Point Estates Water System. The intent of this assessment, in response to multiple positive total coliform samples in a running 12 month period, is to locate sanitary defects the could infer with the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code.

Parties Present

Name	Organization
Steven R. Joubert	OPH Region V Engineering
Brent Bouy	OPH Region IV Engineering
Timmy Courville	Henderson Nina Water System
Dillan Crawford	OPH Region IV Engineering

The RTCR Level 2 Assessment form is enclosed with this letter. Please review the findings of the assessment report. The sanitary defects listed in the table, starting on page 5 of the RTCR Level 2 Assessment Form titled "Issue Descriptions and Corrective Actions" must be corrected and a written response submitted to the department within 30 days of the RTCR Level 2 Assessment triggered on September 14, 2019. The response is due on or before October 14, 2019. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these sanitary

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defects, then the written response must also contain a request with specific dates when the sanitary defects will be corrected.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/02/2019	08/02/2019	Other	Significant	Operator Compliance with State Requirements	Management

Comments: The water system is not under the control and supervision of a duly certified operator. The water system, per population and system design at the time of the survey, must be placed under the supervision and control of a certified operator holding at least a level 1 certification in the categories of Water Production and Water Distribution. The operator certification office can be reached by phone at (225) 342-7508. The operator certification website is located on LDH's website using the following link: http://www.dhh.louisiana.gov/index.cfm/page/416

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/02/2019	07/24/2019	Sanitary Survey, Finished	Minor	Finished Water Storage	HD001-HYDROPNEUMATIC TANK

Comments: The tank is not equipped with a water site glass. A water site glass must be provided.

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/02/2019	07/24/2019	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management

Comments: Bacteriological and chemical test result reports from the laboratory shall be kept on file and retained for not less than ten (10) years. During the sanitary survey, the test results were not available for review. All such records shall be made available for review during inspections and sanitary surveys of the public water system performed by LDH.

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/02/2019	07/24/2019	Sanitary Survey, Finished	Minor	Source	1099024-001-WELL #1 - SOUTH

Comments: The discharge piping at Well #1 is leaking. The discharge piping at Well #1 needs to be repaired or replaced to eliminate the potential for contamination.

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/02/2019	07/24/2019	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT PLANT

Comments: During the sanitary survey, a free chlorine residual reading of 0.04 mg/L was obtained at the point of entry sampling site. This indicates that the minimum free chlorine residual is not being maintained throughout the distribution system. It was discussed that the water system will be relocating the disinfection injection point to address the current issue. Under the direction of the designated operator, make necessary adjustments to the quantity of disinfection being injected to ensure the proper minimum free chlorine residual of 0.50 mg/L is present throughout the distribution system at all times.

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/08/2017	08/11/2017	Sanitary Survey, Finished	Significant	System Management and Operation	Management

Comments: During the sanitary survey visit, it was noted that changes requiring a written approval from the state health officer were started and/or completed without authorization. Please submit to this office signed, stamped and dated As-Built plans and specifications from a Louisiana licensed professional engineer for review and approval by LDH.

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/08/2017	08/11/2017	Sanitary Survey, Finished	Significant	Source	1099024-001-WELL #1 - SOUTH

Comments: This well has not been plugged and abandoned. The electrical wiring for the submersible pump is cut. It was mentioned during the sanitary survey that this well is to be used as an emergency well. If this is the case, the emergency well must be operational and have the ability to be sampled by LDH. Since this well does not meet the Active/Emergency criteria, it must be plugged and abandoned properly in accordance with all applicable standards, rules and regulations for the State of Louisiana.

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/08/2017	08/11/2017	Sanitary Survey, Finished	Minor	Source	1099024-001-WELL #1 - SOUTH

Comments: There is currently no pressure gauge installed on the discharge piping of the well. A pressure gauge must be installed as a means to measure the actual operating head conditions. Install a pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions.

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/08/2017	08/11/2017	Sanitary Survey, Finished	Minor	Source	1099024-002-WELL #2 - NORTH

Comments: There is currently no pressure gauge installed on the discharge piping of the well. A pressure gauge must be installed as a means to measure the actual operating head conditions. Install a pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions.

Sanitary Defects (Requiring corrective action and response on or before October 14, 2019)

Issue Description (list section letter and #) C.5, C.12, & D.11	Corrective Action
Disinfection chemical and equipment are present onsite. Chlorine was not detected in the compliance or repeat monitoring events. Minimal free chlorine was also not noted in the distribution system during the Level 2 Assessment visit. Continuous disinfection must be maintained. Source water quality reflects substances known to demand chlorine.	**Confirm disinfection equipment is functioning properly and make the necessary adjustments to achieve the minimum disinfection residual of 0.5 ppm free at the point of entry and throughout the distribution system. If a compliant free residual is to be achieved, updates in equipment may be needed. The disinfection profile must be reviewed with appropriate changes made as directed by an engineer and approved by LDH.**

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1909436-003	Repeat	9/12/2019		0.000	0.000
A1909436-001	Repeat	9/12/2019		0.000	0.000
A1909436-002	Repeat	9/12/2019		0.000	0.000
A1908877-001	Routine	9/10/2019		0.000	0.000

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
07/09/2019	.011 MG/L	.010 MG/L	ARSENIC	04/01/2019 - 06/30/2019
04/04/2019	0.016 MG/L	0.010 MG/L	ARSENIC	01/01/2019 - 03/31/2019
01/18/2019	0.017 MG/L	0.010 MG/L	ARSENIC	10/01/2018 - 12/31/2018
10/17/2018	0.017 MG/L	0.01 MG/L	ARSENIC	07/01/2018 - 09/30/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
153	08/16/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	08/01/2019 - 08/31/2019
152	08/06/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	07/01/2019 - 07/31/2019
149	06/18/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2019 - 06/30/2019
147	02/21/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	02/01/2019 - 02/28/2019
145	01/10/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	

Written Response Required

Send written responses and confirmation regarding findings of the RTCR Level 2 Assessment to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southwest Region V
Attn: Steven R. Joubert, P.E.
707-A East Prien Lake Road
Lake Charles, Louisiana 70601

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-475-3214.

Respectfully,

Steven R. Joubert, P.E.
District III Engineer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: Elm Point Estates Water System			PWS ID#: 1099024
Contact Name: Donna Taylor			Phone #: 1-337-298-3732
PWS Address: Elm Point Road, Butte LaRose			E-mail: taylor.dp@att.net
Name of Lead Assessor: Steven R. Joubert			Date Completed: 9/17/2019
Level 2 Trigger	*E. coli* Positive: YES **X** NO ☐	If yes, which sample(s) from Section II? 1 & 2	
	1st Level 2: YES X NO ☐	Date of 1st Level 2: N/A	

II. Positive Sample Information (Use page 7 to report additional positive monthly samples)

Positive Sample #1:	Sample POC#: TCR-003	Sample POC Name: Lot 27	
Sample Date: 9/10/2019	Name of Sample Collector: Kristen Hungerford		
Chlorine Residual:	Free X Total ☐	Not Measured ☐	0.00 mg/L
Was the sample collected according to the sample siting plan?			YES X NO ☐
Was the condition of the sample tap appropriate for collection?			YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES X NO ☐

Positive Sample #2:	Sample POC#: RPDN	Sample POC Name: Lot 44	
Sample Date: 9/12/2019	Name of Sample Collector: Lynette Abshire		
Chlorine Residual:	Free X Total ☐	Not Measured ☐	0.00 mg/L
Was the sample collected according to the sample siting plan?			YES X NO ☐
Was the condition of the sample tap appropriate for collection?			YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES X NO ☐

Positive Sample #3:	Sample POC#: RPUP	Sample POC Name: Lot 26	
Sample Date: 9/12/2019	Name of Sample Collector: Lynette Abshire		
Chlorine Residual:	Free X Total ☐	Not Measured ☐	0.00 mg/L
Was the sample collected according to the sample siting plan?			YES X NO ☐
Was the condition of the sample tap appropriate for collection?			YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES X NO ☐

Positive Sample #4:	Sample POC#: TCR-003	Sample POC Name: Lot 27	
Sample Date: 9/12/2019	Name of Sample Collector: Lynette Abshire		
Chlorine Residual:	Free X Total ☐	Not Measured ☐	0.00 mg/L
Was the sample collected according to the sample siting plan?			YES X NO ☐
Was the condition of the sample tap appropriate for collection?			YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?			YES X NO ☐

III. Assessment Questions

A. Source – Well

**If PWS does not use a well source check here and skip to subsection B* ☐

Which well sources were not used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Was a new source activated?		X		
2. Is the ground graded to prevent surface water flow towards the well?	X			
3. Does the well casing extend at least 18" above the ground?	X			
4. Is the exposed portion of the well casing in good condition?	X			
5. Does the well have a secured sanitary seal well cap?	X			
6. Is the sanitary seal well cap vented and screened?	X			
7. Is there a down turned well vent that is at least 24 inches above the ground surface?	X			
8. Are appropriate backflow prevention devices installed, maintained and tested on all cross connections?			X	
9. Does raw water quality data indicate changes to the source water quality?		X		
10. Has source yield changed?		X		
11. Are there obvious sources of contamination in the vicinity of the well?		X		
12. Was the well pump recently repaired or replaced?		X		
13. Are there signs of vandalism at the well?		X		
14. Have there been any unusual weather events that may have impacted the well?		X		
15. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the well?		X		

Assessor Name: Steven R. Joubert, P.E.

B. Source – Surface Water

**If PWS does not use a surface water source check here and skip to subsection C* X

Which surface water sources were used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Is the surface water intake screened and maintained?				
2. Is the pump house protected from unauthorized personnel?				
3. Does raw water quality data indicate changes to the source water quality?				
4. Are there obvious sources of contamination within the nearby watershed?				
5. Are there signs of vandalism at the surface water intake?				
6. Have severe weather events such as heavy rainfall, rapid snowmelt, drought, or reservoir turnover occurred?				
7. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the source?				

Assessor Name:

C. Treatment Processes

Questions:	YES	NO	N/A	Unk.
1. Have there been interruptions in any treatment processes?		X		
2. Has the treatment plant(s) or finished water pump(s) experienced any power interruptions?		X		
3. Has there been any recent installation or repair of treatment equipment?		X		
4. Have there been changes to any treatment processes?		X		
5. Does water quality data indicate inadequate/inappropriate treatment of water?	X			
6. Are all treatment processes operational and maintained?	X			
7. Is there an air gap between treatment instrumentation and waste lines?			X	
8. Were there any failures to meet required CT values?			X	
9. Did treatment plant flow rates exceed the permitted capacity?		X		
10. Is the PWS meeting all permit special conditions (alternative treatment technologies)?			X	
11. Did a review of the turbidity data reveal any anomalies?			X	
12. Did a review of chlorine residual data reveal any anomalies or deficiencies?	X			

Assessor Name: Steven R. Joubert, P.E.

D. Distribution System

Questions:	YES	NO	N/A	Unk.
1. Have line breaks and repairs, or large firefighting events occurred?		X		
2. If samples were collected from inside a building, has there been any recent plumbing work conducted at the site?		X		
3. If samples were collected from inside a building, does the site have additional water treatment installed?		X		
4. Is there evidence that the system experienced low or negative pressure?		X		
5. Was there any scheduled flushing of the distribution system?		X		
6. Are pump stations protected from unauthorized personnel?			X	
7. Are appropriate backflow prevention devices installed, maintained, and tested on all cross connections?			X	
8. Are air relief valves maintained and operational without leaks?			X	
9. Are pump stations maintained and equipment operational?			X	
10. Are fire hydrants and blow offs maintained and operational without leaks?			X	
11. Does water quality data collected in the distribution system show results indicative of an issue?	X			
12. Have any water related customer complaints been received?		X		
13. Is there any evidence of intentional contamination in the distribution system?		X		
14. Are there issues related to monitoring taps in the distribution system?		X		

Assessor Name: Steven R. Joubert, P.E.

E. Storage Tanks

**If no storage tank check here and skip to section IV.* ☐

Questions:	YES	NO	N/A	Unk.
1. Is the pressure tank maintaining an appropriate minimum pressure?	X			
2. Are all vents and overflow pipes screened?			X	
3. Is the tank maintained and free of rust, holes and leaks?	X			
4. Are there any unsealed openings in the storage facility such as access doors, vents or joints?		X		
5. Are signs of vandalism visible?		X		
6. Are roof hatches and manhole openings tightly covered and locked?			X	
7. Do downspouts and overflow pipes drain water away from structure?			X	
8. Have all storage tanks been inspected and cleaned within the last 5 years?				X
9. Were there any repair activities associated with the storage tanks?		X		

Assessor Name: Steven R. Joubert, P.E.

F. Water Quality Data Table

Parameter	Number of Each Sample Type Collected		
	Raw (0)	Entry Point (1)	Distribution (1)
Chlorine Residual (mg/L)		POE-001, 0.0 ppm Free 2.45 ppm Total	TCR-003, 0.19 ppm Free 2.83 ppm Total
Turbidity (NTU)			
Coliform Bacteria			
Other (specify below)	pH – 7.50 Free NH – 0.6> ppm Total NH – 0.97 ppm Mono – 0.01 ppm	pH – 7.60 Free NH – 0.44 ppm Total NH – 0.91 ppm Mono – 2.87 ppm	pH – 7.52 Free NH – 0.44 ppm Total NH – 1.75> ppm Mono – 2.44 ppm

G. Issue Descriptions and Corrective Actions (Use page 8 to report additional issues)

** No issues were found during the assessment:* ☐

Issue Description (list section letter and #) C.5, C.12, & D.11	Corrective Action
Disinfection chemical and equipment are present onsite. Chlorine was not detected in the compliance or repeat monitoring events. Minimal free chlorine was also not noted in the distribution system during the Level 2 Assessment visit. Continuous disinfection must be maintained. Source water quality reflects substances known to demand chlorine.	Confirm disinfection equipment is functioning properly and make the necessary adjustments to achieve the minimum disinfection residual of 0.5 ppm free at the point of entry and throughout the distribution system. If a compliant free residual is to be achieved, updates in equipment may be needed. The disinfection profile must be reviewed with appropriate changes made as directed by an engineer and approved by LDH.

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

H. Verification

I hereby certify that the information contained herein is true and correct to the best of my knowledge, information and belief.

Lead Assessor's Name (print): Steven R. Joubert, P.E.

Lead Assessor's Name Signature: **Date:** 9/18/19

Note - The completed form must be completed within 30 days of a public water system triggering a Level 2 Assessment.

Positive Sample #5:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #6:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #7:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #8:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #9:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

Issue Description (list section letter and #)	Corrective Action

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7018 1830 0000 4149 3272

September 19, 2019

Chad Chaddick
MY PLACE MOBILE HOME PARK WATER SYSTEM
2810 Schwing Rd
New Iberia, LA 70560

Re: Level 2 Assessment
- Conducted since Level 1 Assessment Triggered on April 18, 2019 was Uncompleted
MY PLACE MOBILE HOME PARK WATER SYSTEM
PWS ID LA1099025
ST MARTIN Parish

Dear Mr. Chaddick:

The Louisiana Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 17, 2019 RTCR Level 2 Assessment of the public water supply system for My Place Mobile Home Park Water System. The intent of this assessment is to locate sanitary defects the could infer with the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code, in response to an unconducted Level 1 Assessment triggered on April 18, 2019.

Parties Present

Name	Organization
Steven R. Joubert	LDH/OPH Region V Engineering
Brent Bouy	LDH/OPH Region IV Engineering
Angela Clark	My Place Mobile Home Park
Dillan Crawford	LDH/OPH Region IV Engineering

The RTCR Level 2 Assessment form is enclosed with this letter. Please review the findings of the assessment report. The sanitary defects listed in the table, starting on page 5 of the RTCR Level 2 Assessment Form titled "Issue Descriptions and Corrective Actions" must be corrected and a written response submitted to the department within 30 days of the RTCR Level 2 Assessment conducted on September 17, 2019. The response is due on or before October 17, 2019. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these

COPY

sanitary defects, then the written response must also contain a request with specific dates when the sanitary defects will be corrected.

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/24/2018	11/03/2018	Sanitary Survey, Finished	Significant	Source	1099025-002-WELL #2 - NORTH
Comments: The casing vent piping for the well is neither covered by a 24 mesh corrosion resistant screen nor terminating in the proper orientation. The casing vent piping must be covered with a 24 mesh corrosion resistant screen, terminating in a down turned position to prevent the entrance of contaminants.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/24/2018	11/03/2018	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: Chlorine residuals must be monitored daily at the water production (POE) site and recorded on the approved LDH Report #1. A critical point (MRT), the location in the water system furthest from treatment, must be monitored daily and recorded on the approved LDH Report #2. An additional chlorine residual check must be made monthly at the ACR site (1367 N Chess Broussard Rd) and recorded on the approved LDH Report #3. These sampling points were established for the water system during the submittal of the Monitoring Plan on the Monitoring Portal website. A free chlorine residual of 0.5 mg/L is required at all times and at all locations tested. Begin measuring the ACR residual monthly at the approved location described using a digital chlorine analyzer and recording on signed and dated "LDH Approved Chlorine Residual Form" (Report #3) which can be found on LDH's website using the following link: http://new.dhh.louisiana.gov/index.cfm/page/1725. Please send the Region 4 office a copy of the next three (3) months of properly recorded, chlorine residual forms for the ACR site.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/24/2018	11/03/2018	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: Bacteriological test and chemical test results reports from the laboratory shall be kept on file and retained for not less than ten (10) years. During the sanitary survey, the bacteriological test results and Lead & Copper sampling records and results were not available for review. All such records shall be made available for review during inspections and sanitary surveys of the public water system performed by LDH.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/24/2018	11/03/2018	Sanitary Survey, Finished	Minor	Source	1099025-001-WELL #1 - SOUTH
Comments: The well is not equipped with a dedicated check valve, a pressure gauge, or a means for measuring flow at a point where positive pressure is maintained. A dedicated check valve, pressure gauge, and means for measuring flow must be provided. Pressure gauges are installed on the discharge piping upstream of check valves as a means to measure operating head conditions, and a means for measuring flow must be provided to detect any changes in operating conditions. Install a device (or monitoring methods) to measure flow from the well, a dedicated check valve downstream of the raw water tap (to isolate the well from finished water and other sources), and a pressure gauge on the well discharge piping (upstream of the check valve) to detect any changes in operating conditions.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/24/2018	11/03/2018	Sanitary Survey, Finished	Minor	Source	1099025-002-WELL #2 - NORTH
Comments: The well's discharge piping does not appear to be equipped with a dedicated check valve or a flow measuring device. A dedicated check valve and a means for measuring flow must be provided to detect any changes in operating conditions. Install a device or monitoring methods used to measure flow from the well and a dedicated check valve downstream of the raw water tap on the well's discharge piping to isolate the well from finished water and other sources					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/24/2018	11/03/2018	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT
Comments: The chemical feed tank is not properly labeled. The chemical feed tank must be labeled with the name of the chemical being injected for treatment. Provide a label from the chemical manufacturer on the feed tank.					

Sanitary Defects (Requiring corrective action and response on or before October 17, 2019)

Issue Description (list section letter and #)	**Corrective Action**
A.2. **The well, nearest the tank, does not have a concrete slab cover and requires positive drainage.** **Attachment A.1.**	**The well must have a watertight cover constructed of concrete with a minimum thickness of 4 inches. The cover must extend at least 2.5 feet in all directions and be sloped to drain away from the casing. Provide a properly constructed concrete slab cover to prevent potential contamination of the well. The area around this well needs to be sloped to drain away from the casing.**

Issue Description (list section letter and #) A.5.	Corrective Action
The wiring entering the casing seal creates a void. The current casing seal has void spaces that provide for the possible entrance of foreign substances that could lead to bacteriological contamination. Attachment A.2.	Eliminate any voids in the casing seal to prevent bacteriological contamination.

Issue Description (list section letter and #) A.6.	Corrective Action
The well is not equipped with a casing vent. Attachment A.2.	The well must be equipped with a downturned casing vent with appropriate non-corrodible, 24 mesh screening. It must be installed at a minimum height of 24 inches above the grade or floor and must have a minimum diameter of 1/2 inches.

Issue Description (list section letter and #) A.7.	Corrective Action
The well's casing vent is not covered by a 24 mesh, corrosion resistant screen. The vent is not down turned. Attachment A.3.	The well must be equipped with a downturned casing vent with appropriate non-corrodible, 24 mesh screening. It must be installed at a minimum height of 24 inches above the grade or floor and must have a minimum diameter of 1/2 inches.

Issue Description (list section letter and #) C.1., C.2., C.5., & C.12.	Corrective Action
The treatment pump is disconnected. The current electrical connections at the plant location are not supportive of powering the wells and treatment pump. Attachment A.4.	Correct any electrical issues to allow the pump to function as needed when demanded from either well's activation.

Issue Description (list section letter and #) C.6.	Corrective Action
The sodium hypochlorite tank is exposed to sunlight and environmental conditions. The feed lines must be secured on the tank to eliminate openings. The chemical tank must be located out of the sunlight in a cool area. Attachment A.4.	Provide a means of protection from exposure to direct sunlight and prevent any sources that could cause contamination of the tank from the entrance of insects and/or rain.

Issue Description (list section letter and #) C.5.	Corrective Action
It is unclear what chemical is being used for disinfection of the water system. All chemicals used in the treatment of water to be used for potable purposes shall either meet the standards of the American Water Works Association or meet NSF 60 requirements as verified by an ANSI accredited testing agency.	Provide that the chemical being used for disinfection is AWWA or NSF approved and labeled appropriately.

Issue Description (list section letter and #) D.7.	Corrective Action
There should be an atmospheric vacuum breaker installed at the end of the spigot prior to the hose bib connection. The hose must be removed and stored when not in use. The pipe and fittings should be flushed often since the pipe provides for a stagnant section directly in contact with the finished water volume. Attachment A.5.	Remove and store the hose. Install an atmospheric vacuum breaker. Conduct regular flushing at this point of usage.

Issue Description (list section letter and #) D.14.	Corrective Action
The TCR-006 (1367-F Chess Broussard) shares space with a domestic point of usage. The usage point is equipped with a hose with a control valve allowing for questionable water quality to possibly influence the sampling station. A sampling station must not share piping and space with other points of usage that could provide for negative influences and yield sampling results that may not be consistent with water quality. **Attachment A.6.**	**Configure the sampling station to support monitoring only without any undue influences. Station must be closely align with water being delivered from the water system's mains.**

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1903946-002	Repeat	4/16/2019		0.630	
A1903096-001	Routine	4/15/2019		1.180	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
332	09/05/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	09/01/2019 - 09/30/2019

331	08/26/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
330	08/16/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	08/01/2019 - 08/31/2019
328	07/16/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2019 - 07/31/2019
327	05/24/2019	LEVEL 1 ASSESS, MULTIPLE TC POS (RTCR)	
326	05/22/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	05/01/2019 - 05/31/2019
325	03/26/2019	FAILURE ADDRESS DEFICIENCY (GWR)	
324	02/25/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	02/01/2019 - 02/28/2019
323	11/27/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	11/01/2018 - 11/30/2018
322	10/30/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	10/01/2018 - 10/31/2018
321	10/18/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	09/01/2018 - 09/30/2018

Written Response Required

Send written responses and confirmation regarding findings of the RTCR Level 2 Assessment to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southwest Region V
Attn: Steven R. Joubert, P.E.
707-A East Prien Lake Road
Lake Charles, Louisiana 70601

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-475-3214.

Respectfully,

Steven R. Joubert, P.E.
District III Engineer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: My Place Mobile Home Park		PWS ID#: 1099025
Contact Name: Chad Chaddick		Phone #: 1-337-367-1862
PWS Address: 1369 O' Ches Broussard, Breaux Bridge		E-mail: chadchaddick@yahoo.com
Name of Lead Assessor: Steven R. Joubert		Date Completed: 9/17/2019
Level 2 Trigger	*E. coli* Positive: YES ☐ NO ☐	If yes, which sample(s) from Section II?
	1st Level 2: YES X NO ☐	Date of 1st Level 1: April 18, 2019

Level 2 is being conducted in response to uncompleted Level 1 Assessment triggered on April 18, 2019.

II. Positive Sample Information (Use page 7 to report additional positive monthly samples)

Positive Sample #1:	Sample POC#: MRT-002	Sample POC Name: 1367-A Chess Brous.
Sample Date: 4/15/2019	Name of Sample Collector: Donna Richard	
Chlorine Residual: Free X Total ☐ Not Measured ☐		1.18 mg/L
Was the sample collected according to the sample siting plan?		YES X NO ☐
Was the condition of the sample tap appropriate for collection?		YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES X NO ☐

Positive Sample #2:	Sample POC#: RPUP	Sample POC Name: 1369-A Chess Brous.
Sample Date: 4/16/2019	Name of Sample Collector: Donna Richard	
Chlorine Residual: Free X Total ☐ Not Measured ☐		0.63 mg/L
Was the sample collected according to the sample siting plan?		YES X NO ☐
Was the condition of the sample tap appropriate for collection?		YES X NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES X NO ☐

Positive Sample #3:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #4:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

III. Assessment Questions

A. Source – Well

**If PWS does not use a well source check here and skip to subsection B* ☐

Which well sources were not used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Was a new source activated?		X		
2. Is the ground graded to prevent surface water flow towards the well?		X		
3. Does the well casing extend at least 18" above the ground?	X			
4. Is the exposed portion of the well casing in good condition?	X			
5. Does the well have a secured sanitary seal well cap?		X		
6. Is the sanitary seal well cap vented and screened?		X		
7. Is there a down turned well vent that is at least 24 inches above the ground surface?		X		
8. Are appropriate backflow prevention devices installed, maintained and tested on all cross connections?			X	
9. Does raw water quality data indicate changes to the source water quality?		X		
10. Has source yield changed?		X		
11. Are there obvious sources of contamination in the vicinity of the well?		X		
12. Was the well pump recently repaired or replaced?		X		
13. Are there signs of vandalism at the well?		X		
14. Have there been any unusual weather events that may have impacted the well?		X		
15. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the well?		X		

Assessor Name: Steven R. Joubert, P.E.

B. Source – Surface Water

**If PWS does not use a surface water source check here and skip to subsection C* X

Which surface water sources were used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Is the surface water intake screened and maintained?				
2. Is the pump house protected from unauthorized personnel?				
3. Does raw water quality data indicate changes to the source water quality?				
4. Are there obvious sources of contamination within the nearby watershed?				
5. Are there signs of vandalism at the surface water intake?				
6. Have severe weather events such as heavy rainfall, rapid snowmelt, drought, or reservoir turnover occurred?				
7. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the source?				

Assessor Name:

C. Treatment Processes

Questions:	YES	NO	N/A	Unk.
1. Have there been interruptions in any treatment processes?	X			
2. Has the treatment plant(s) or finished water pump(s) experienced any power interruptions?	X			
3. Has there been any recent installation or repair of treatment equipment?		X		
4. Have there been changes to any treatment processes?		X		
5. Does water quality data indicate inadequate/inappropriate treatment of water?	X			
6. Are all treatment processes operational and maintained?		X		
7. Is there an air gap between treatment instrumentation and waste lines?			X	
8. Were there any failures to meet required CT values?			X	
9. Did treatment plant flow rates exceed the permitted capacity?		X		
10. Is the PWS meeting all permit special conditions (alternative treatment technologies)?			X	
11. Did a review of the turbidity data reveal any anomalies?			X	
12. Did a review of chlorine residual data reveal any anomalies or deficiencies?	X			

Assessor Name: Steven R. Joubert, P.E.

D. Distribution System

Questions:	YES	NO	N/A	Unk.
1. Have line breaks and repairs, or large firefighting events occurred?		X		
2. If samples were collected from inside a building, has there been any recent plumbing work conducted at the site?		X		
3. If samples were collected from inside a building, does the site have additional water treatment installed?		X		
4. Is there evidence that the system experienced low or negative pressure?		X		
5. Was there any scheduled flushing of the distribution system?		X		
6. Are pump stations protected from unauthorized personnel?			X	
7. Are appropriate backflow prevention devices installed, maintained, and tested on all cross connections? Are there visible cross connections?	X			
8. Are air relief valves maintained and operational without leaks?			X	
9. Are pump stations maintained and equipment operational?			X	
10. Are fire hydrants and blow offs maintained and operational without leaks?			X	
11. Does water quality data collected in the distribution system show results indicative of an issue?	X			
12. Have any water related customer complaints been received?		X		
13. Is there any evidence of intentional contamination in the distribution system?		X		
14. Are there issues related to monitoring taps in the distribution system?	X			

Assessor Name: Steven R. Joubert, P.E.

E. Storage Tanks

**If no storage tank check here and skip to section IV.* ☐

Questions:	YES	NO	N/A	Unk.
1. Is the pressure tank maintaining an appropriate minimum pressure?	X			
2. Are all vents and overflow pipes screened?			X	
3. Is the tank maintained and free of rust, holes and leaks?	X			
4. Are there any unsealed openings in the storage facility such as access doors, vents or joints?		X		
5. Are signs of vandalism visible?		X		
6. Are roof hatches and manhole openings tightly covered and locked?			X	
7. Do downspouts and overflow pipes drain water away from structure?			X	
8. Have all storage tanks been inspected and cleaned within the last 5 years?				X
9. Were there any repair activities associated with the storage tanks?		X		

Assessor Name: Steven R. Joubert, P.E.

F. Water Quality Data Table

Parameter	Number of Each Sample Type Collected		
	Raw (0)	Entry Point (1)	Distribution (1)
Chlorine Residual (mg/L)		POE-001, 0.0 ppm Free 0.02 ppm Total pH – 7.64	TCR-003, 0.00 ppm Free 0.00 ppm Total
Turbidity (NTU)			
Coliform Bacteria			
Other (specify below)			

G. Issue Descriptions and Corrective Actions (Use page 8 to report additional issues)

** No issues were found during the assessment:* ☐

Issue Description (list section letter and #) A.2.	Corrective Action
The well, nearest the tank, does not have a concrete slab cover and requires positive drainage. Attachment A.1.	The well must have a watertight cover constructed of concrete with a minimum thickness of 4 inches. The cover must extend at least 2.5 feet in all directions and be sloped to drain away from the casing. Provide a properly constructed concrete slab cover to prevent potential contamination of the well. The area around this well needs to be sloped to drain away from the casing.

Issue Description (list section letter and #) A.5.	Corrective Action
The wiring entering the casing seal creates a void. The current casing seal has void spaces that provide for the possible entrance of foreign substances that could lead to bacteriological contamination. Attachment A.2.	Eliminate any voids in the casing seal to prevent bacteriological contamination.

Issue Description (list section letter and #) A.6.	Corrective Action
The well is not equipped with a casing vent. Attachment A.2.	The well must be equipped with a downturned casing vent with appropriate non-corrodible, 24 mesh screening. It must be installed at a minimum height of 24 inches above the grade or floor and must have a minimum diameter of 1/2 inches.

Issue Description (list section letter and #) A.7.	Corrective Action
The well's casing vent is not covered by a 24 mesh, corrosion resistant screen. The vent is not down turned. Attachment A.3.	The well must be equipped with a downturned casing vent with appropriate non-corrodible, 24 mesh screening. It must be installed at a minimum height of 24 inches above the grade or floor and must have a minimum diameter of 1/2 inches.

Issue Description (list section letter and #) C.1., C.2., C.5., & C.12.	Corrective Action
The treatment pump is disconnected. The current electrical connections at the plant location are not supportive of powering the wells and treatment pump. Attachment A.4.	Correct any electrical issues to allow the pump to function as needed when demanded from either well's activation.

Issue Description (list section letter and #) C.6.	Corrective Action
The sodium hypochlorite tank is exposed to sunlight and environmental conditions. The feed lines must be secured on the tank to eliminate openings. The chemical tank must be located out of the sunlight in a cool area. Attachment A.4.	Provide a means of protection from exposure to direct sunlight and prevent any sources that could cause contamination of the tank from the entrance of insects and/or rain.

See page 8. Documented defects continue on Page 8.

H. Verification

I hereby certify that the information contained herein is true and correct to the best of my knowledge, information and belief.

Lead Assessor's Name (print): Steven R. Joubert, P.E.

Lead Assessor's Name Signature: **Date:** 9/19/2019

Note - The completed form must be completed within 30 days of a public water system triggering a Level 2 Assessment.

Positive Sample #5:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #6:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #7:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #8:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #9:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Issue Description (list section letter and #) C.5.	Corrective Action
It is unclear what chemical is being used for disinfection of the water system. All chemicals used in the treatment of water to be used for potable purposes shall either meet the standards of the American Water Works Association or meet NSF 60 requirements as verified by an ANSI accredited testing agency.	Provide that the chemical being used for disinfection is AWWA or NSF approved and labeled appropriately.

Issue Description (list section letter and #) D.7.	Corrective Action
There should be an atmospheric vacuum breaker installed at the end of the spigot prior to the hose bib connection. The hose must be removed and stored when not in use. The pipe and fittings should be flushed often since the pipe provides for a stagnant section directly in contact with the finished water volume. Attachment A.5.	Remove and store the hose. Install an atmospheric vacuum breaker. Conduct regular flushing at this point of usage.

Issue Description (list section letter and #) D.14.	Corrective Action
The TCR-006 (1367-F Chess Broussard) shares space with a domestic point of usage. The usage point is equipped with a hose with a control valve allowing for questionable water quality to possibly influence the sampling station. A sampling station must not share piping and space with other points of usage that could provide for negative influences and yield sampling results that may not be consistent with water quality. Attachment A.6.	Configure the sampling station to support monitoring only without any undue influences. Station must be closely align with water being delivered from the water system's mains.

Attachment A.1.
Issue Description: A.2.
Missing Well Slab & Grading



Attachment A.2.
Issue Description: A.5. & A.6.
Casing Void Spaces and No Casing Vent with Screen



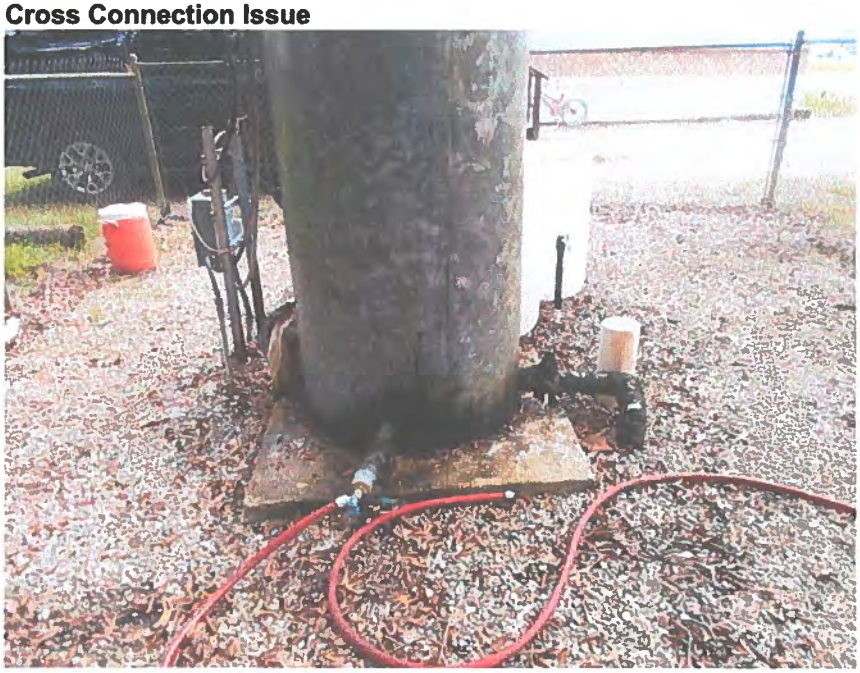
Attachment A.3.
Issue Description: A.7.
Casing Vent – Not Downturned & Unscreened



Attachment A.4.
Issue Description: C.1., C.2., C.5., C.6., & C.12.
Treatment Pump & Exposed Sodium Hypochlorite

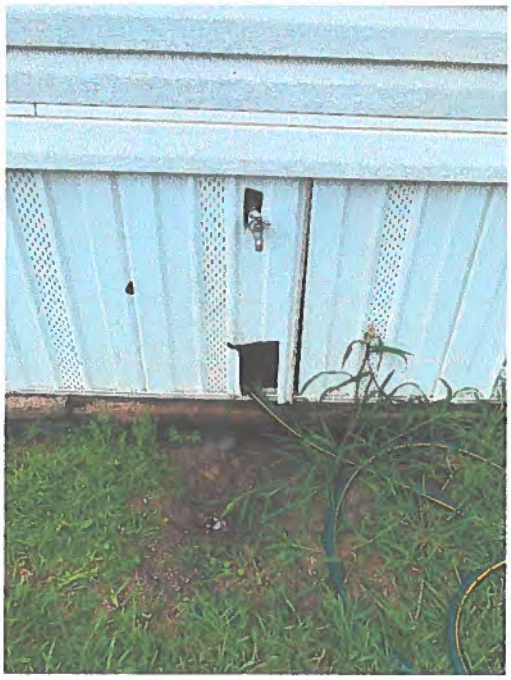


Attachment A.5.
Issue Description: D.7.
Cross Connection Issue



Attachment A.6.
Issue Description: D.14.
TCR Sampling Site with Undue Influence





John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 1450 0000 1658 2641

January 15, 2019

Heather Indest
Enso Fitness Water System
P.O. Box 352
Breaux Bridge, LA 70517

Re: Class I Sanitary Survey
Enso Fitness Water System
PWS ID #: LA 2099067
St. Martin Parish

Dear Ms. Indest:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 9, 2019 sanitary survey inspection of the public water supply system for Enso Fitness Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Hayden K. Keigley	LDH/OPH Region 4 Engineering
Randy Savoy	Howell Environmental Companies
Wilton Richard	Howell Environmental Companies

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
2099067-001 Well #1	Source	The wiring entering the casing seal creates a void. The current casing seal has void spaces that provide for the possible entrance of foreign substances that could lead to bacteriological contamination. Eliminate any voids in the casing seal to prevent bacteriological contamination. **(See Attachments – A. #2)**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The MRT sampling tap used for total coliform monitoring in the distribution system is a double-sided hose bib connection. TCR sampling stations must not share piping and space with other points of usage that could provide for negative influences and yield sampling results that may not be consistent with water quality. Configure the sampling station to support monitoring only without any undue influences. **(See Attachments – A. #1)**
FACILITY	**CATEGORY**	**FINDINGS**
TP001 Treatment Plant	Treatment	The water system has only one (1) chlorine injection pump installed. Systems that require chlorination to protect the water supply must have a sufficiently sized replacement pump on standby. Provide documentation stating that a replacement pump has been provided onsite for chlorine injection and continuous disinfection.
FACILITY	CATEGORY	FINDINGS
2099067-001 Well #1	Source	The well's discharge piping is not equipped with a flow measuring device and a pressure gauge is currently installed downstream of the check valve. Pressure gauges are installed on the discharge piping upstream of check valves as a means to measure actual operating head conditions. Install a device or monitoring methods to measure flow from the well and a pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions. **(See Attachments – A. #3)**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Hayden K. Keigley, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation No.	Violation Date	Violation Type	Compliance Period
4004913	08/17/2018	Inadequate Minimum Chlorine Residual	08/01/2018 - 08/31/2018
4004912	07/09/2018	Inadequate Minimum Chlorine Residual	07/01/2018 - 07/31/2018
4004911	01/31/2018	Inadequate Minimum Chlorine Residual	01/01/2018 - 01/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (337) 262-5634.

Respectfully,

Hayden K. Keigley, P.E.
Engineer 4

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Randy Savoy, Howell Environmental Companies
Wilton Richard, Howell Environmental Companies

Ec: Heather Indest, Enso Fitness Water System
Randy Savoy, Howell Environmental Companies
Wilton Richard, Howell Environmental Companies

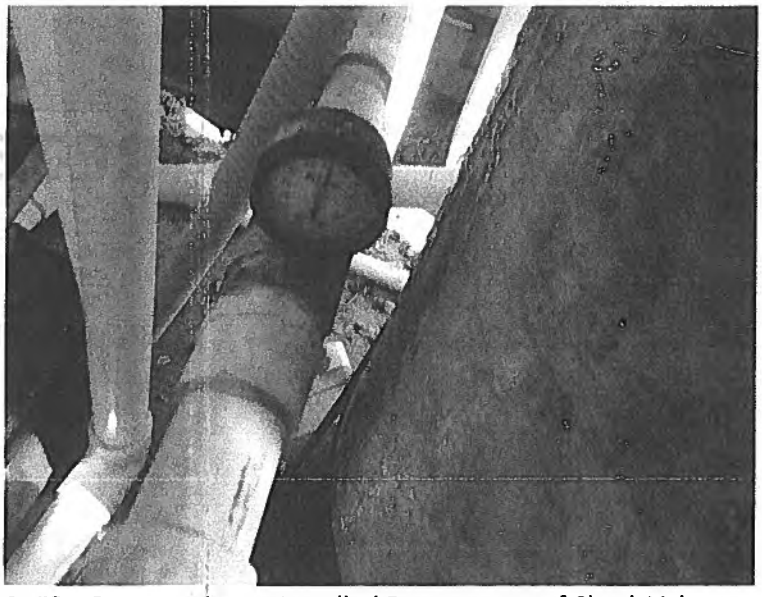
Attachments



A. #1 – Double-Sided Tap
Severity: Minor
Category: M&R and Data Verification



A. #2 – Voids in Well Casing Seal
Severity: Significant
Facility ID: Well #1
Category: Source



A. #3 – Pressure Gauge Installed Downstream of Check Valve
Severity: Minor
Facility ID: Well #1
Category: Source

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 1450 0000 1658 2719

January 30, 2019

Chester Cedars
Uncle Dick Davis RV Park Water System
P.O. Box 9
St Martinville, LA 70582

Re: Class I Sanitary Survey
Uncle Dick Davis RV Park Water System
PWS ID #: LA 2099078
St. Martin Parish

Dear Mr. Cedars:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 16, 2019 sanitary survey inspection of the public water supply system for Uncle Dick Davis RV Park Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Hayden K. Keigley	LDH/OPH Region 4 Engineering
Brian F. Guillory	St. Martin Parish Government

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 Distribution System	Distribution System	All RV sites must be equipped with dual check valve assemblies. Please submit a written course of action, for review and approval, which details a timeline for installing the required protection at the RV sites. The specifications for any device to be installed must be submitted for review and approval by this office. Do not make any changes to the existing water system without prior written approval or understanding.
FACILITY	**CATEGORY**	**FINDINGS**
2099078-00 Well #1	Source	The well does not have a concrete slab cover and the casing seal could not be confirmed. The well must have an adequate casing seal installed at a minimum height of 24 inches above grade and a watertight cover constructed of concrete with a minimum thickness of 4 inches that extends at least 2.5 feet in all directions and is sloped to drain away from the casing. Provide a properly constructed concrete slab cover to prevent potential contamination of the well. Also, please provide supporting documentation showing that a casing seal has been properly installed to protect the source from bacteriological contamination. **(See Attachments A-3 & A-4)**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Chlorine residuals must be monitored daily at the water production (POE) site and recorded on the approved LDH Report #1. A critical point (MRT), the location in the water system furthest from treatment, must be monitored daily and recorded on the approved LDH Report #2. An additional chlorine residual check must be made monthly at the approved ACR site and recorded on the approved LDH Report #3. These sampling points were established for the water system during the submittal of the Monitoring Plan on the Monitoring Portal website. A free chlorine residual of 0.50 mg/L is required at all times and at all locations tested. Begin measuring the residuals daily at the approved locations described using a digital chlorine analyzer and recording on signed and dated "LDH Approved Chlorine Residual Forms" which can be found on LDH's website using the following link: http://new.dhh.louisiana.gov/index.cfm/page/1725. Please send the Region (4 or 5) office a copy of the next three (3) months of properly recorded, chlorine residual forms.

FACILITY	CATEGORY	FINDINGS
DS0950 Distribution System	Distribution System	All TCR taps within the distribution system being used for chemical and bacteriological sampling used to collect routine coliform samples are unapproved. Sample taps used for collecting samples must be smooth nozzle type and installed with a downturned orientation. Additionally, double-sided connections of a hose bib are not allowed. TCR sampling stations must not share piping and space with other points of usage that could provide for negative influences and yield sampling results that may not be consistent with water quality. Configure the TCR sampling stations to support monitoring only without any undue influences. **(See Attachments A-1 & A-2)**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 Treatment Plant	Treatment	There is currently no point of entry (POE) sample tap. A POE sample tap must be installed and must be located after all treatment processes, pumps, and storage tanks on a common pipe headed to the distribution system prior to the first customer. The POE sampling site should be truly representative of the water being supplied to the customers. This task must be completed prior to the next POE sampling event performed by LDH. If not completed, the water system could receive a monitoring violation that requires public notice to all customers. LDH Region 4 engineering staff can be reached by phone at (337) 262-5634 to discuss appropriate locations for the new POE sample tap.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Hayden K. Keigley, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation #	Violation Date	Violation Type	Compliance Period
6	11/08/2018	Inadequate Minimum Chlorine Residual (GW&SW)	11/01/2018 - 11/30/2018
5	10/30/2018	Inadequate Minimum Chlorine Residual (GW&SW)	10/01/2018 - 10/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (337) 262-5634.

Respectfully,

Hayden K. Keigley, P.E.
Engineer 4

cc: Amanda Laughlin, P.E., Chief Engineer, LDH/OPH Engineering
Brian F. Guillory, Uncle Dick Davis RV Park Water System

Attachments

Attachment A-1 Unapproved Double-Sided TCR Sampling Tap
Facility ID: DS0950 – Distribution System
Category: Distribution System



Attachment A-2 Unapproved TCR Sampling Tap
Facility ID: DS0950 – Distribution System
Category: Distribution System



Attachment A-3: No Concrete Slab Cover for Well
Facility ID: Well #1
Category: Source



Attachment A-4: Unconfirmed Casing Seal for Well
Facility ID: Well #1
Category: Source



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7007 3020 0002 8524 9757

June 18, 2019

Frank Mathews
GLENCOE COMMUNITY WATER SYSTEM
1572 Cypremort Pointe Road
Jeanerette, LA 70544

Re: Class I Sanitary Survey
GLENCOE COMMUNITY WATER SYSTEM Public Water System
PWS ID LA1101004
ST MARY Parish

Dear Mr. Mathews:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 16, 2019 sanitary survey inspection of the public water supply system for GLENCOE COMMUNITY WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Alicia Martinez	LDH OPH Engineering Services District 1
David Boggs	LDH OPH Engineering Services Region 3
Ricky B Saucier	St. Mary W&S Dist #5

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/26/2018	05/07/2018	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: A backflow ordinance has been adopted, but not initiated. There are no records of installed or tested backflow prevention devices. A cross-connection control program shall be developed and implemented. 40 CFR 141.403 and LAC 51:XII.344 - Each water supplier shall protect the water produced and distributed by its water supply system from potential contaminantion by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods. Current Approved Corrective Action Plan Due Date is August 14, 2019					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/09/2012	11/13/2012	Formal Enforcement	Minor	System Management and Operation	Management
Comments:					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
GR002 - GROUND STORAGE #1	Finished Water Storage	The screen is not properly attached to the end of the overflow. There is a gap between the screen and the end of the overflow. LAC 51:XII.337.C - Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structure. See Attachment #1
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND STORAGE #2	Finished Water Storage	The screen is not properly attached to the end of the overflow. There is a gap between the screen and the end of the overflow. LAC 51:XII.337.C - Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any

		potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures. See Attachment #2
FACILITY	CATEGORY	FINDINGS
1101004-001 - WELL #1	Source	Well no. 1 has been recently abandoned, and has not yet been plugged. LAC 51:XII.331.A - Abandoned water wells and well holes shall be plugged in accordance with the Louisiana Water Well Rules, Regulations, and Standards. See Attachment #3

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR002 - GROUND STORAGE #1	Finished Water Storage	The overflow does not discharge over a drainage structure or a splash plate. LAC 51:XII.225.I.1. All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. See Attachment #4
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND STORAGE #2	Finished Water Storage	The overflow does not discharge over a drainage structure or a splash plate. LAC 51:XII.225.I.1. All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. See Attachment #4
FACILITY	CATEGORY	FINDINGS
1101004-002 - WELL #2	Source	The discharge of the ARV does not face downward and does not have a screen. LAC 51:XII.169.H.3.a.vi. The discharge piping shall where applicable, be equipped with an air release-vacuum relief valve located upstream from the check valve, with exhaust/relief piping terminating in a down-turned position at least 18 inches above the floor and covered with a 24 mesh corrosion resistant screen. See Attachment #5

FACILITY	CATEGORY	FINDINGS
TP001 - WELL #1 & #2	Treatment	Chlorine gas cylinders are stored in direct sunlight and not shielded from public view. Cylinder are not individually restrained to an immovable object with their own chain. LAC 51:XII.209.A.4 Chlorine gas not stored in a room shall be: a. protected from direct sunlight and windblown debris; b. shielded from public view. D. secured in a fixed position LAC 51:XII.209.A.7 Full and empty cylinders of chlorine gas shall meet the following requirements: c. restrained in position. See Attachment #6

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Teche Region III
Attn: Alicia Martinez, P.E
1434 Tiger Drive
Thibodaux, Louisiana 70301

The following compliance history is provided your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 504-599-1564.

Respectfully,

Alicia Martinez, P.E
District Engineer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

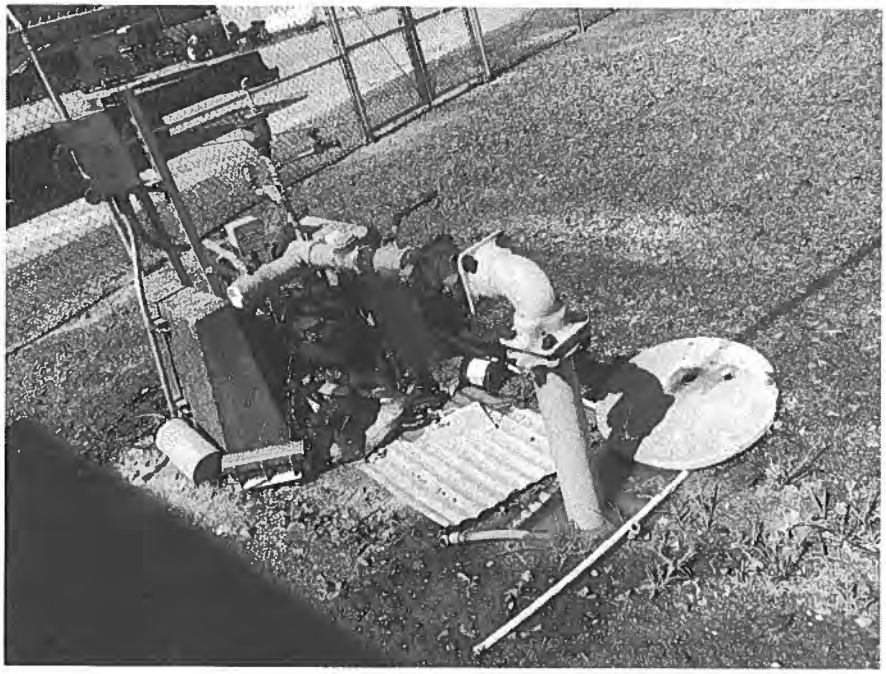
Attachment #1 – Ground Storage 1 Screen



Attachment #2 – Ground Storage 2 Screen



Attachment #3 – Well No. 1, To Be Abandoned



Attachment #4 – No Splash Pad – Ground Storage Tanks



Attachment #5 – Well No. 2 – ARV



Attachment #6 – Chlorine Gas Storage



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of the Public Health

CERTIFIED MAIL: 7007 3020 0002 8525 1378

August 23, 2019

Brian Tabor
ST MARY PARISH WATER SEWERAGE COMM 1
P. O. Box 309
Amelia, LA 70340

Re: Class I Sanitary Survey
ST MARY PARISH WATER SEWERAGE COMM 1 Public Water System
PWS ID LA1101009
ST MARY Parish

Dear Mr. Tabor:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 2, 2019 sanitary survey inspection of the public water supply system for ST MARY PARISH WATER SEWERAGE COMM 1 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Alicia Martinez	LDH OPH Engineering Services District 1
David Boggs	LDH OPH Engineering Services Region 3
Heather Bourg	LDH St. James Parish
Brian Tabor	St Mary Parish W/S Comm #1

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/06/2016	07/06/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-RAILROAD TOWER
Comments: Two valve boxes need covering or need to be filled in to prevent standing water.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	There is no generator for the raw water intake pump. While there is an emergency connection to Morgan City, they are not always available to supply water to neighboring systems during emergency situations or outages. Standby power shall be provided for the raw water intake pump. LAC51:XII.135.A - Dedicated Standby power shall be provided by any community water supply and any non-community water supply serving a hospital so that water may be treated and/or pumped to the distribution system during outages to meet the average daily demand during the month of maximum water use. To ensure continuous service when the primary power has been interrupted, a standby power supply shall be provided through connection to at least two independent public power sources, or portable or in-place auxiliary power

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The valve pit for the Railroad Tank is full of water and does not properly drain. The valve pit shall be drained. A means to keep the pit from filling with water must be installed. Valve, Meter and Blow-Off Chambers -Wherever possible, chambers, pits or manholes containing valves, blow-offs, meters, or other such appurtenances to a distribution system, shall not be

		located in areas subject to flooding or in areas of high groundwater. Such chambers or pits should drain to the ground surface, or to absorption pits underground. The chambers, pits and manholes shall not connect directly to any storm drain or sanitary sewer. See Attachment #1
FACILITY	CATEGORY	FINDINGS
EL003 - BOLLINGER TOWER	Finished Water Storage	The Bollinger Elevated tank does not have a splash pad or drainage inlet structure under their overflow. A splash pad or drainage structure shall be installed under the overflow. LAC 51:XII.225.I.1 "All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate." See Attachment #2
FACILITY	CATEGORY	FINDINGS
EL001 - PLANT TOWER	Finished Water Storage	The over flow for the elevated storage tank near the water plant is full of debris. This can lead to the restriction of wasted water in excess of the filling rate. The debris shall be removed from the overflow. LAC 51:XII.225.I.2.d "The overflow pipe shall be of sufficient diameter to permit waste of water in excess of the filling rate." See Attachment #3

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	There are pump shafts without cages. Consideration must be given to the safety of water plant personnel and visitors. The design must comply with all applicable safety codes and regulations that may include the Uniform Building Code, Uniform Fire Code, National Fire Protection Association Standards, and state and federal OSHA standards. Items to be considered include noise arresters, noise protection, confined space entry, protective equipment and clothing, gas masks, safety showers and eye washes, handrails and guards, warning signs, smoke detectors, toxic gas detectors and fire extinguishers.
FACILITY	CATEGORY	FINDINGS
1101009-002 - BAYOU BOEUF INTAKE	Source	There is evidence of midge fly infestations in the building where the raw water intake pump and equipment is housed. Recommend taking steps towards keeping the midge flies out of the building.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Metro Region I
Attn: Alicia Martinez, P.E
1450 Poydras Street, Suite 1825, Benson Towers
New Orleans, Louisiana 70112

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

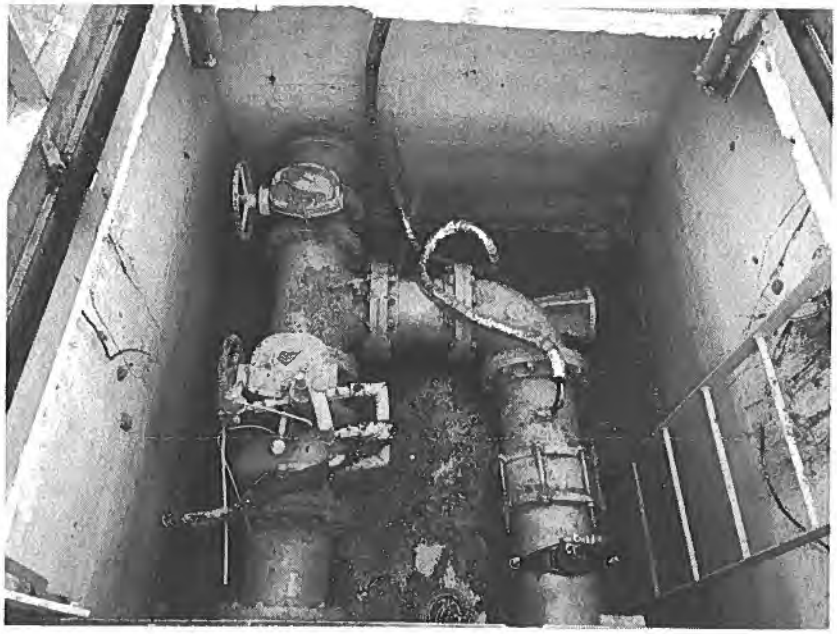
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 504-599-1564.

Respectfully,

Alicia Martinez, PE
District Engineer
LDH/OPH District 1

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

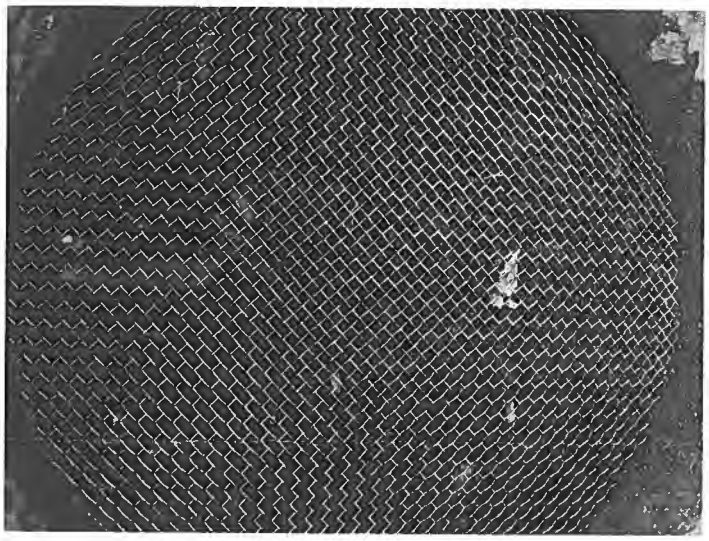
Attachment #1 – Railroad Tank Valve Pit



Attachment #2 – Bollinger Elevated Storage – No Splash Pad



Attachment #3 – Plant Elevated Storage – Overflow blocked with debris



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7011 3500 0001 8744 2021 :RETURN RECEIPT REQUESTED

October 17, 2019

H. Glen Blood
St. Mary Water & Sewer Comm. #3
P.O. Box 177
Centerville, LA 70522

Re: Class I Sanitary Survey
St. Mary Water & Sewer Comm. #3 Public Water System
PWS ID LA1101010
ST MARY Parish

Dear Mr. Blood:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 20, 2019 sanitary survey inspection of the public water supply system for St. Mary Water & Sewer Comm. #3 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
David Boggs	LDH Engineering Region 3
Jamie Miller	St Mary Water & Sewer Comm. #3

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The turbidity standards are expired. Acquire unexpired standards. 40 CFR 141.403 and LAC 51:XII.1107.C - Calibration of the bench top turbidimeters shall be validated with state-approved secondary standards each time a sample or set of samples is tested. For turbidity measurements less than 0.2 NTU and the turbidimeter reading is + or - 0 percent or more deviation of the state-approved secondary standard, the bench top turbidimeter shall be recalibrated with a turbidity primary standard. For turbidity measurements greater than or equal to 0.2 NTU and the turbidimeter reading is + or - 10 percent or more deviation of the state-approved secondary standard, the bench top turbidimeter shall be recalibrated with a turbidity primary standard.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The raw water intake piping is corroded. Pipe should be cleaned and painted. **See Attachment #1**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Teche Region III
Attn: David Boggs,
1434 Tiger Drive
Thibodaux, Louisiana 70301

The following compliance history is provided your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-449-5007 ext. 345.

Respectfully,

David Boggs,
Engineer Intern
OPH – Region 3

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Recommendations

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: The raw water pump piping is corroded.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7007 2680 0002 3072 9302

May 9, 2019

David Allain
Port Of West St Mary
PO Drawer 601
Franklin, LA 70535

Re: Class I Sanitary Survey
Port Of West St Mary Public Water System
PWS ID LA1101013
St Mary Parish

Dear Mr. Allain:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 30, 2019 sanitary survey inspection of the public water supply system for Port Of West St Mary. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Frank Naquin	LA OPH Region III
Brad Vosburgh	Port Of West St. Mary

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/18/2016	05/18/2016	Formal Enforcement	Minor	Source	1101013-001-WELL #1
Comments: 40 CFR 141.403 and TSS 3.2.7.3.a.4 - The discharge piping shall be equipped with a means of measuring flow. The master flow meter for the system is not working and needs to be repaired or replaced and then calibrated.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/18/2016	05/18/2016	Formal Enforcement	Minor	Treatment	TP001-WELL #1 TP
Comments: 40 CFR 141.403 and TSS 5.1.2.e - Provisions shall be made for measuring the quantities of chemicals used. System needs to provide a way of measuring feed rates of potassium permanganate.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - WELL #1 TP	Treatment	40 CFR 141.403 and TSS 5.1.11.g - Tanks and tank refilling line entry points shall be clearly labeled with the name of the chemical contained. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
TP001 - WELL #1 TP	Treatment	40 CFR 141.403 and TSS 5.4.1.c.1 - Where chlorine gas is used, the room shall be constructed to provide the following: each room shall have a ventilating fan with capacity which provides one complete air change per minute when the room is occupied. Chlorine room fan was not working at time of inspection and needs repairing.

FACILITY	CATEGORY	FINDINGS
TP001 - WELL #1 TP	Treatment	40 CFR 141.403 and TSS 5.4.1.c.2 - Where chlorine gas is used, the room shall be constructed to provide the following: the ventilating fan shall take suction near the floor as far as practical from the door and air inlet, with the point of discharge so located as not to contaminate air inlets to any rooms or structures. Fan is located near ceiling and therefore should blow vapors out of the vent located near the floor.
FACILITY	CATEGORY	FINDINGS
TP001 - WELL #1 TP	Treatment	40 CFR 141.403 and TSS 5.4.1.c.5 - Where chlorine gas is used, the room shall be constructed to provide the following: separate switches for the fan and lights shall be located outside of the chlorine room and at the inspection window. Outside switches shall be protected from vandalism. A signal light indicating fan operation shall be provided at each entrance when the fan can be controlled from more than one point. System needs to move switch that is inside chlorine room to outside near the door. **See Attachment #3**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - WELL #1 TP	Treatment	40 CFR 141.403 and TSS 5.4.1.b - Full and empty cylinders of chlorine gas should be isolated from operating areas, restrained in position to prevent upset, stored in rooms separate from ammonia storage, and stored in areas not in direct sunlight or exposed to excessive heat. Chlorine cylinders should be chained separately, not together.
FACILITY	CATEGORY	FINDINGS
TP001 - WELL #1 TP	Treatment	TSS 2.14 - To facilitate identification of piping in plants and pumping stations it is recommended that the following color scheme be utilized: (See page 12 of TSS 2003). In situations where two colors do not have sufficient contrast to easily differentiate between them, a six-inch band of contrasting color should be on one of the pipes at approximately 30-inch intervals. The name of the liquid or gas should also be on the pipe. In some cases, it may be advantageous to provide arrows indicating the direction of flow. **See Attachment #2**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Teche Region III
Attn: Frank Naquin, R.S.
1434 Tiger Drive
Thibodaux, Louisiana 70301

The following compliance history is provided your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1813681-001	Routine	12/3/2018		0.820	
A1812249-001	Routine	10/24/2018		0.890	
A1810506-004		9/13/2018			

A1810288-001	Routine	9/10/2018		1.460	

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
635	03/07/2019	LEAD & COPPER RULE	01/01/2016 - 12/31/2018

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
636	05/08/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	04/01/2019 - 04/30/2019
634	03/07/2019	OCCT/SOWT RECOMMENDATION/STUDY (LCR)	01/01/2016 - 12/31/2018
633	07/30/2018	OCCT/SOWT RECOMMENDATION/STUDY (LCR)	01/01/2008 - 06/30/2008

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-449-5007 ext. 337.

Respectfully,

Frank Naquin, R.S.
Sanitarian Program Coordinator

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



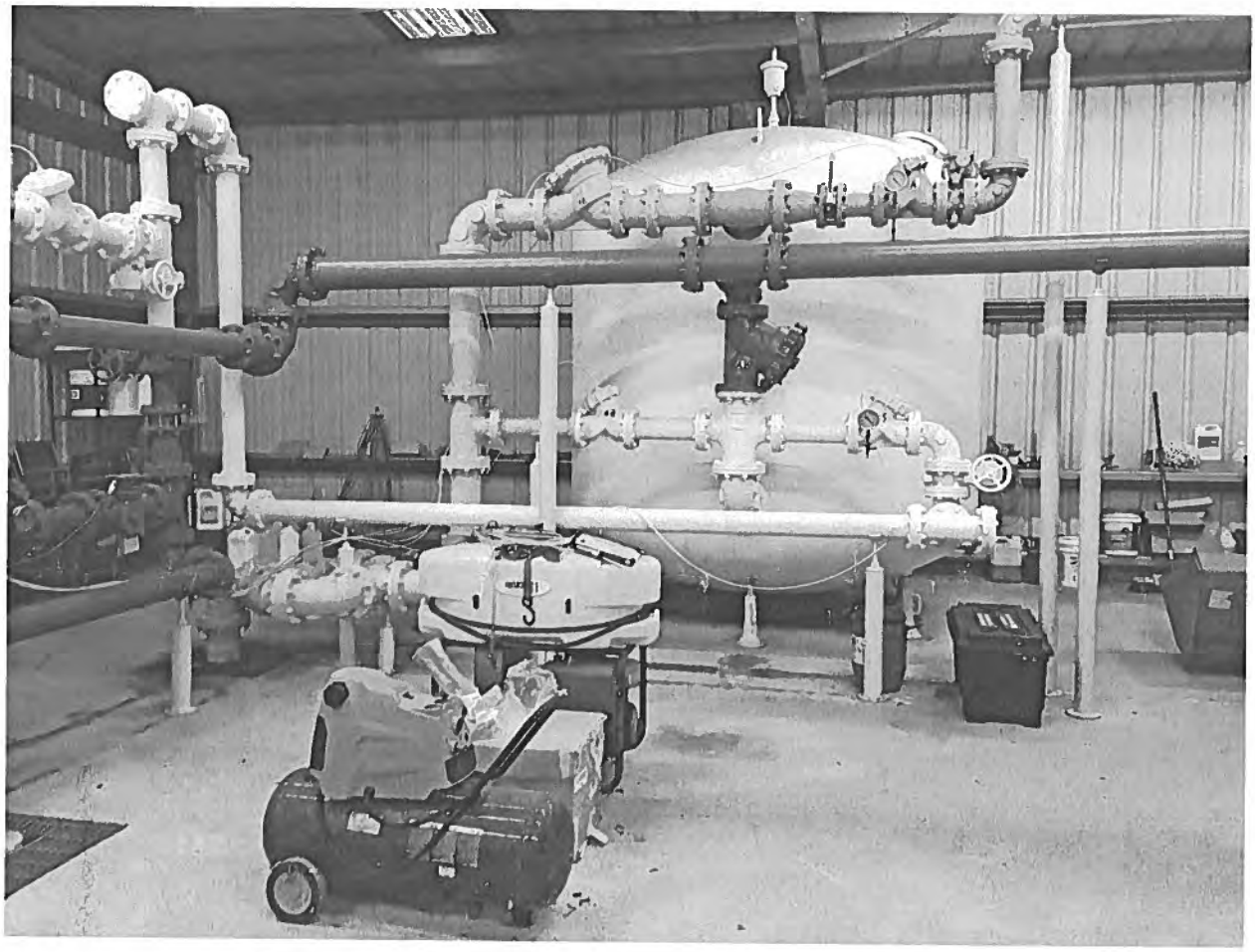
Attachment #1

Severity: Minor

Facility ID: WELL #1 TP

Category: Treatment

Attachment Comments: Chemical tank needs labeling.



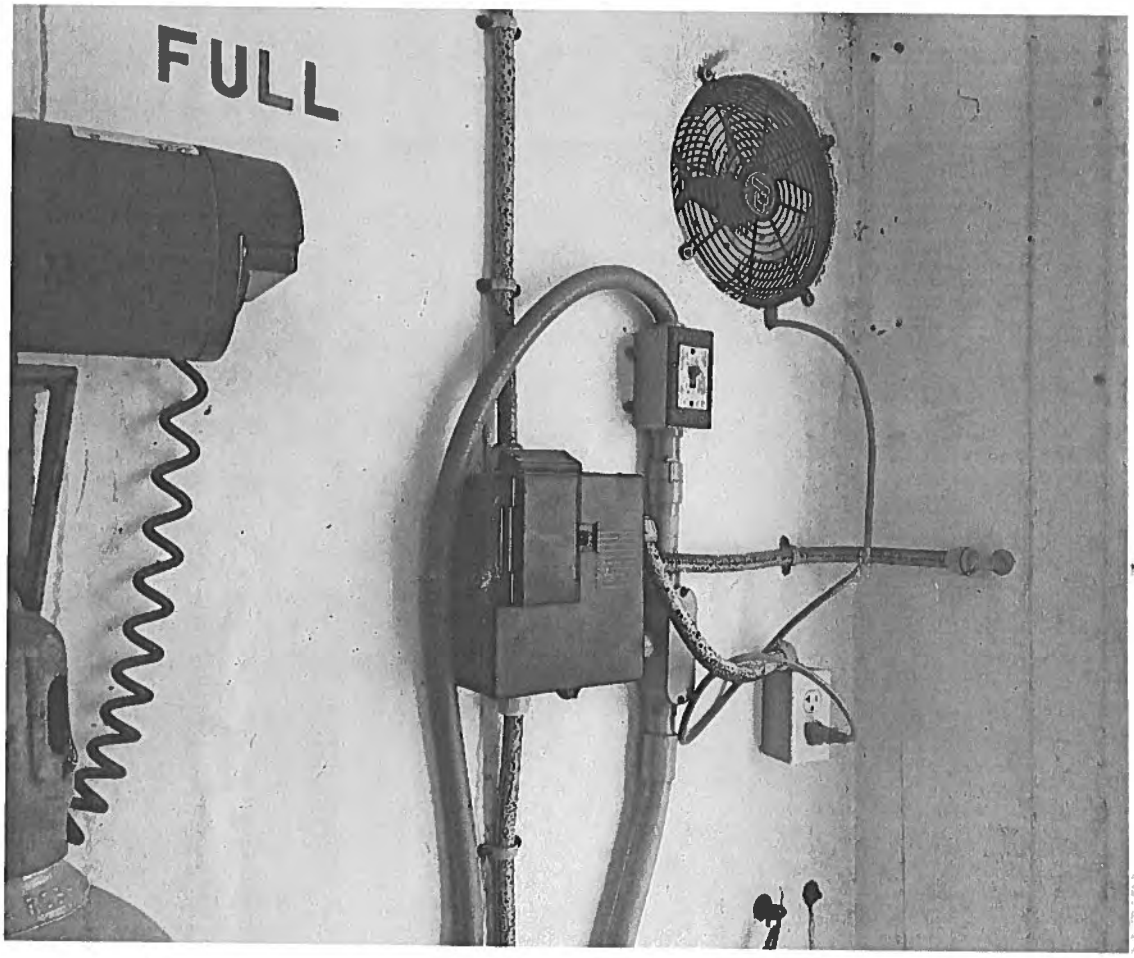
Attachment #2

Severity: Recommendations

Facility ID: WELL #1 TP

Category: Treatment

Attachment Comments: Piping needs labeling.



Attachment #3

Severity: Minor

Facility ID: WELL #1 TP

Category: Treatment

Attachment Comments: Electrical switch inside chlorine room.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7007 2680 0002 3072 9296

May 7, 2019

Keith Broussard
Cypremort Point State Park
306 Bench Lane
Cypremort Point, LA 70538

Re: Class I Sanitary Survey
Cypremort Point State Park Public Water System
PWS ID LA2101023
St Mary Parish

Dear Mr. Broussard:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 30, 2019 sanitary survey inspection of the public water supply system for Cypremort Point State Park. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Frank Naquin	LA OPH Region III
Keith Broussard	Cypremort Point State Park

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	40 CFR 141.403 and TSS 5.1.11.g - Tanks and tank refilling line entry points shall be clearly labeled with the name of the chemical contained. Chlorine tank needs to be labeled. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Teche Region III
Attn: Frank Naquin, R.S.
1434 Tiger Drive
Thibodaux, Louisiana 70301

The following compliance history is provided your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

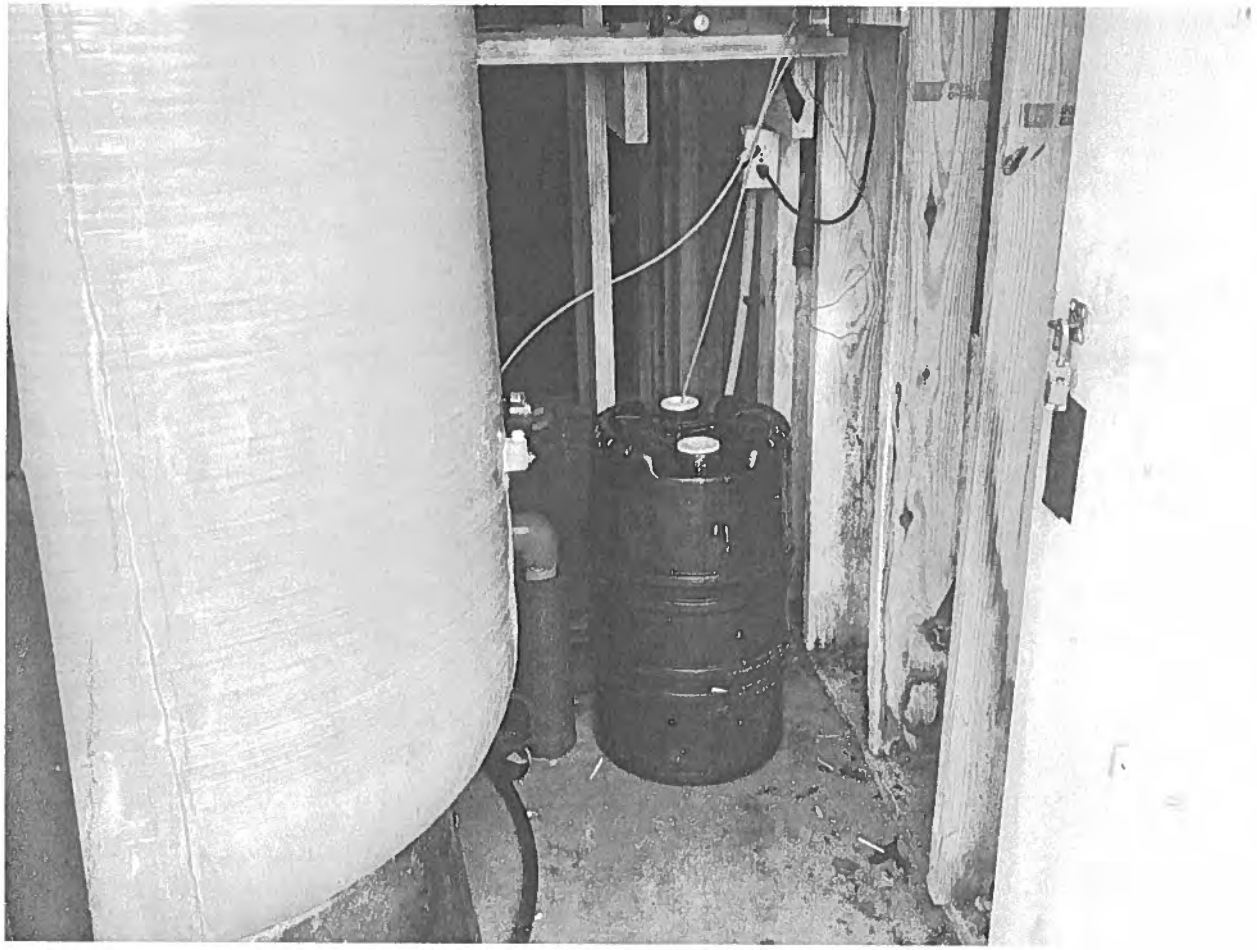
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-449-5007 ext. 337.

Respectfully,

Frank Naquin, R.S.
Sanitarian Program Coordinator

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: TREATMENT PLANT

Category: Treatment

Attachment Comments: Chlorine tank needs labeling.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8112

April 4, 2019

Dan Curtis
ABITA SPRINGS WATER SYSTEM
22161 Level Street
Abita Springs, LA 70420

Re: Class I Sanitary Survey
ABITA SPRINGS WATER SYSTEM Public Water System
PWS ID LA1103002
ST TAMMANY Parish

Dear Mayor Curtis:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 2, 2019 sanitary survey inspection of the public water supply system for ABITA SPRINGS WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Jie Gu	LDH-OPH Region IX Engineer
Corey Harris	LDH-OPH Region IX Engineer
Kristin Tortorich	Town Of Abita Springs

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1103002-004 - HWY 36 BALLPARK WELL	Source	At the time of inspection, there was no secondary source of water. When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided per LAC 51:XII.169.B.2.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. The utility does not perform routine pumping tests on its wells. LDH strongly recommends that pumping tests be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Routinely performing pumping tests after the well is placed into operation will provide data that can be used to assess the performance of

the well, and make informed decisions on scheduling preventative maintenance and repairing or replacing any deficiencies.

2. There are no formal records of flushing. We recommend that flushing records be kept for complaint correlation and routine maintenance.

3. Rotating pump shafts and couplings were typically exposed, presenting a risk to employee safety; rigid guards, shields, squirrel cages, etc. were generally not provided. The system should review all of its pumps to insure adequate safety measure or in place, and that compliance with ANSI/OSHA regulations are being met. **See Attachment #1**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

Office of Public Health ▪ Southeast Region IX

42354 West Club Deluxe Road ▪ Suite 13 ▪ Hammond, Louisiana 70403
Phone #: 985-543-4950 ▪ Fax #: 985-543-4951 ▪ www.ldh.la.gov
"An Equal Opportunity Employer"

Attachments



Severity: Recommendation

Attachment Comments: Rotating pump shafts and couplings were typically exposed, presenting a risk to employee safety; rigid guards, shields, squirrel cages, etc. were generally not provided. The system should review all of its pumps to insure adequate safety measure or in place, and that compliance with ANSI/OSHA regulations are being met.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7018 1830 0001 0580 9261

December 23, 2019

Dan Curtis
ABITA SPRINGS WATER SYSTEM
22161 Level Street
Abita Springs, LA 70420

Re: Site Visit
Abita Springs Water System
PWS ID LA1103002
ST TAMMANY Parish

Dear Mayor Curtis:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the December 18, 2019 inspection of the public water supply system for Abita Springs. The intent of these surveys is to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH\OPH Engineering Services
Jacob Haffner	LDH\OPH Engineering Services
Dan Curtis	Town Of Abita Springs
Kristin Tortorich	Town Of Abita Springs

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The elevated storage tank has an appreciable leak on the treated water influent line. LAC 51:XII.319.D.25, Leaks in System - All potable water systems shall be designed, constructed and maintained so as to prevent leakage of water due to defective materials, improper jointing, corrosion, settling, impacts, freezing, or other causes.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The Fire Station Well was being treated with sodium hypochlorite without written approval from LDH. Please submit to this office signed, stamped, and dated As-Built plans and specifications from a Louisiana licensed professional engineer for review and approval by LDH. LAC 51:XII.319.D.1 and LAC 51:XII.105.A - No public water supply shall be constructed, operated or modified to the extent that the capacity, hydraulic conditions, functioning of treatment processes, or the quality of finished water is affected, without, and except in accordance with, a permit from the state health officer.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law (ACT 292)

The complaint tracker for Abita Springs was not kept current. In accordance with the provisions found in ACT No. 292, Abita Springs shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that Abita Springs has implemented with respect to the matters detailed in the complaint. Abita Springs shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey update the existing complaint log.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. It is recommended that Abita Springs finish updating the existing GIS water system distribution map with locations of all existing water mains, valves, fire hydrants, and other appurtenances.

2. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years. This PM plan should include a valve exercise plan. The valve exercise program will ensure that valves are operable during maintenance/emergencies.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1907775-003	Routine	7/31/2019		0.680	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH\OPH Engineering Services

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8105

April 1, 2019

Dave Vinson
BEAU CHENE WATER SYSTEM
105 Beau Chene Blvd.
Mandeville, LA 70471-1787

Re: Class I Sanitary Survey
BEAU CHENE WATER SYSTEM Public Water System
PWS ID LA1103006
ST TAMMANY Parish

Dear Mr. Vinson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 26, 2019 sanitary survey inspection of the public water supply system for BEAU CHENE WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR). 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Lindsey Adkins	Beau Chene Water System
Dave Vinson	Beau Chene Homeowners Assoc.

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

LDH strongly recommends that pumping tests be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Routinely performing pumping tests after the well is placed into operation will provide data that can be used to assess the performance of the well, and make informed decisions on scheduling preventative maintenance and repairing or replacing any deficiencies.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX

Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1812481-002	Routine	11/7/2018		1.390	1.500
A1809975-001	Routine	9/4/2018		1.790	1.950
A1807467-001	Routine	7/9/2018		1.990	2.150

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8082

April 22, 2019

Mike Cooper
COVINGTON WATER SUPPLY
P.O. Box 778
Covington, LA 70434

Re: Class I Sanitary Survey
COVINGTON WATER SUPPLY Public Water System
PWS ID LA1103011
ST TAMMANY Parish

Dear Mayor Cooper:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 16, 2019 sanitary survey inspection of the public water supply system for COVINGTON WATER SUPPLY (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Adam Dupuy	City Of Covington
Matthew Soileau	City Of Covington

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

Rotating pump shafts and couplings were typically exposed, presenting a risk to employee safety; rigid guards, shields, squirrel cages, etc. were generally not provided. The system should review all of its pumps to insure adequate safety measure or in place, and that compliance with ANSI/OSHA regulations are being met. **See Attachment #1**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX

Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9004640	11/19/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	11/01/2018 - 11/30/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Severity: Recommendation

Attachment Comments: Rotating pump shafts and couplings were typically exposed, presenting a risk to employee safety; rigid guards, shields, squirrel cages, etc. were generally not provided. The system should review all of its pumps to insure adequate safety measure or in place, and that compliance with ANSI/OSHA regulations are being met.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7015 3010 0000 4003 7577

August 8, 2019

Lance Willie
FOLSOM WATER SUPPLY
82378 June Street
Folsom, LA 70437

Re: Class I Sanitary Survey
FOLSOM WATER SUPPLY Public Water System
PWS ID LA1103014
ST TAMMANY Parish

Dear Mr. Willie:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 25, 2019 sanitary survey inspection of the public water supply system for FOLSOM WATER SUPPLY (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Roland Bertoniere	Curtis Environmental
Wayne Cyprian	Town of Folsom
Margra Steele	Town of Folsom

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing,

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The water system did not have a cross connection control program at the time of inspection. The water system must develop a cross connection control plan outlining the backflow prevention policies and procedures. The water system must implement the plan and maintain documentation of customers surveyed, identification of customers requiring backflow prevention devices, a record of annual testing for each device, and enforcement actions taken at non-compliant connections. LAC 51:XII.344.B - In order to protect its water supply from potential contamination, each water supplier shall develop and implement a written backflow prevention plan outlining the policies and procedures it will use to verify that its customers comply with mandatory containment practices, ...

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED STORAGE TANK #2 AT WELL #2	Finished Water Storage	The vent was covered with a #24 mesh at the time of inspection with no automatically resetting pressure vacuum relief mechanism. Provide a compliant vent covered with four mesh non-corrodible screen, or with finer mesh in combination with an automatically resetting pressure vacuum relief mechanism. LAC 51:XII.225.K.6. - The vents shall, on elevated tanks and standpipes, open downward, and be fitted with either four mesh non-corrodible screen, or with finer mesh non-corrodible screen in combination with an automatically resetting pressure vacuum relief mechanism, as required by the state health officer.
FACILITY	CATEGORY	FINDINGS
EL002 - ELEVATED STORAGE	Finished Water Storage	The vent was covered with a #24 mesh at the time of inspection with no automatically resetting pressure vacuum relief mechanism. Provide a compliant vent covered with

TANK #1		four mesh non-corrodible screen, or with finer mesh in combination with an automatically resetting pressure vacuum relief mechanism. LAC 51:XII.225.K.6. - The vents shall, on elevated tanks and standpipes, open downward, and be fitted with either four mesh non-corrodible screen, or with finer mesh non-corrodible screen in combination with an automatically resetting pressure vacuum relief mechanism, as required by the state health officer.
FACILITY	CATEGORY	FINDINGS
1103014-001 - TOWN OF FOLSOM WATER WELL	Source	The well discharge piping was supported by temporary support at the time of inspection. Please provide required permanent support. **See Attachment #1** LAC 51:XII.169.H.3.a.viii - The discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage and freezing.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

A well pumping test is currently not performed - pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,

Eric Brown,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: TOWN OF FOLSOM WATER WELL

Category: Source

Attachment Comments: The well discharge piping was supported by temporary support at the time of inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8099

March 26, 2019

Jill Charles
LACOMBE NURSING CENTRE
28119 Highway 190
Lacombe, LA 70445

Re: Class I Sanitary Survey
LACOMBE NURSING CENTRE Public Water System
PWS ID LA1103018
ST TAMMANY Parish

Dear Ms. Charles:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 12, 2019 sanitary survey inspection of the public water supply system for LACOMBE NURSING CENTRE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Jill Charles	Lacombe Nursing Center
Mike Staffen	Curtis Environmental

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1103018-001 - LACOMBE NURSING WELL #1 OF 1	Source	At the time of inspection, there was no secondary source of water. Per LAC 51:XII.169.B.2, when groundwater is the only source of water for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1103018-001 - LACOMBE NURSING WELL #1 OF 1	Source	There was no flow meter on the well discharge pipe at the time of inspection. The well discharge piping shall be equipped with a means of measuring flow per LAC 51:XII.169.H.3.iv.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

There are no formal records of flushing. We recommend that flushing records be kept for complaint correlation and routine maintenance.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,

Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1871

October 4, 2019

Kyle Matthews
MADISONVILLE WATER SUPPLY
403 St. Francis St.
Madisonville, LA 70447

Re: Class I Sanitary Survey
MADISONVILLE WATER SUPPLY Public Water System
PWS ID LA1103022
ST TAMMANY Parish

Dear Matthews:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 24, 2019 sanitary survey inspection of the public water supply system for MADISONVILLE WATER SUPPLY (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
Kyle Matthews	Town Of Madisonville

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/19/2017	10/19/2017	Sanitary Survey, Finished	Minor	Source	1103022-001-WELL MADISONVILLE #1
Comments: There was no flow meter installed at the well discharge pipe at the time of inspection.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/19/2017	10/19/2017	Sanitary Survey, Finished	Minor	Source	1103022-002-WELL MADISONVILLE #2
Comments: There was no flow meter installed at the well discharge pipe at the time of inspection.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, Madisonville Water Supply is here-by notified that PWS is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.
2. Develop and implement a written inspection program for the ground storage tank. For steel tanks AWWA M42 recommends the maximum interval for periodic inspections of the tank interior should normally be three (3) years. It is usually advisable to wash out the tank at the time of inspection.
3. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.
4. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

5. A well pumping test is currently not performed - pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8433

May 7, 2019

Donald J. Villere
MANDEVILLE WATER SUPPLY
3101 East Causeway Approach
Mandeville, LA 70448

Re: Class I Sanitary Survey
MANDEVILLE WATER SUPPLY Public Water System
PWS ID LA1103023
ST TAMMANY Parish

Dear Mr. Villere:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 24, 2019 sanitary survey inspection of the public water supply system for MANDEVILLE WATER SUPPLY (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH OPH Region IX Engineering
Stephen Adams	City Of Mandeville
Eric Brown	LDH OPH Region IX Engineering

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	There was a leak at the altitude valve at the elevated tower site on 490 ST ANN Drive at the time of the inspection. All potable water systems shall be designed, constructed and maintained so as to prevent leakage of water due to defective materials, improper jointing, corrosion, settling, impacts, freezing, or other causes. Please repair the leak as soon as possible.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

Liquid chemical TMB-461R was stored outdoor and in direct sunlight on the sites of well #2 and Rapatel Elevated Tower at the time of the inspection. Heat and sunlight may degrade the chemical function. It is recommended that the chemical be stored out of sunlight or be covered.

TMB-461R and chlorine were injected at the same location on the site of well #5 at the time of the inspection. It is recommended that TMB-461R be applied prior to the point of disinfectant application.

It was learned during the survey that the system's flushing was practiced by the fire department when fire hydrant tests were performed, which was not designed, monitored, recorded by the water system. It is strongly recommended that the water system develop a flushing program and implement on a regular basis.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza; Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

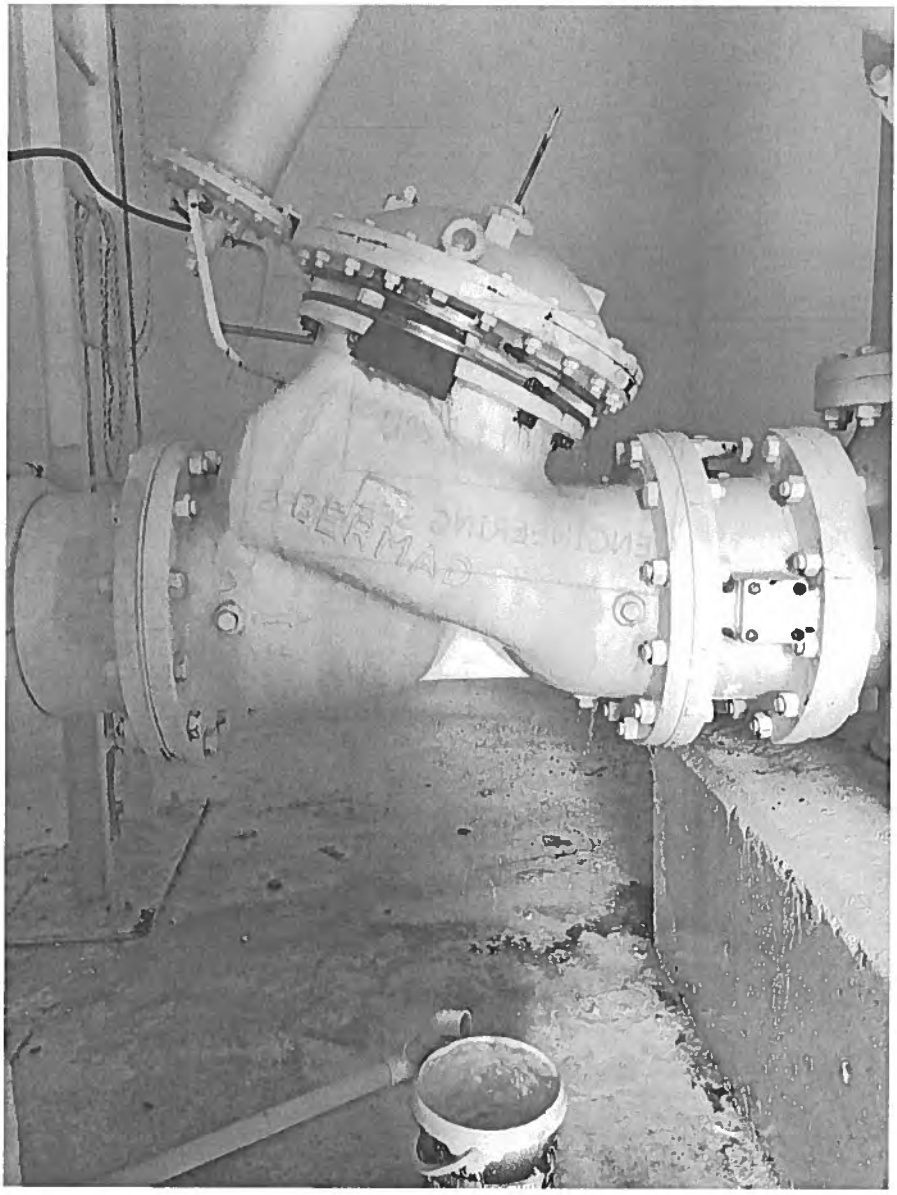
Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Other

Attachment Comments: Leak at Elevated Tower on 490 St. Ann Drive

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7005 1820 0002 1133 7091

November 5, 2019

Aj Cigali
ST TAMMANY WATER DIST 2
19432 Hwy 36 Suite A
Covington, LA 70434

Re: Class I Sanitary Survey
ST TAMMANY WATER DIST 2 Public Water System
PWS ID LA1103033
ST TAMMANY Parish

Dear Mr. Cigali:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 31, 2019 sanitary survey inspection of the public water supply system for ST TAMMANY WATER DIST 2 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
Grady Thigpen	St Tammany Water District # 2

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of inspection the water system was in the process of writing a Cross Connection Control Plan. The water system must develop a cross connection control plan outlining the backflow prevention policies and procedures. The water system must implement the plan and maintain documentation of customers surveyed, identification of customers requiring backflow prevention devices, a record of annual testing for each device, and enforcement actions taken at non-compliant connections. LAC 51:XII.344.B - In order to protect its water supply from potential contamination, each water supplier shall develop and implement a written backflow prevention plan outlining the policies and procedures it will use to verify that its customers comply with mandatory containment practices, ...
FACILITY	CATEGORY	FINDINGS
1103033-003 - WELL #3	Source	At the time of inspection, the slab for Well #3 was eroded and exposed the well casing to possible contamination. Repair or replace the well slab. LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. ... the well slab ... shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #1**

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, St. Tammany Water District #2 is here-by notified that PWS is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.
2. Develop and implement a valve exercising program. A valve exercise program will help locate closed values and ensures looped pipelines are operating as designed.
3. Belts, gears, rotating shafts, and electrical wiring should have proper shields to prevent injury. Per LAC 51:XII.157.B - The design shall comply with all applicable safety codes and regulations that include, but are not limited to, the codes adopted under the authority of Act 12 of the 2005 First Extraordinary Session, State Fire Marshal regulations (see LAC 55:V), National Fire Protection Association (NFPA) standards, and federal Occupational Health and Safety Administration (OSHA) standards.
4. At the time of inspection tree limbs were seen hanging on and over the fence. It is recommended that these trees be trimmed and maintained to insure the structural integrity of the fencing.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: WELL #3

Category: Source

Attachment Comments: Well slab is eroded (field boot can fit under the well slab under the water)

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1666

August 29, 2019

Tim Brown
ST TAM PARISH - NORTHLAKE BEHAVIORAL
620 N Tyler St
Covington, LA 70433

Re: Class I Sanitary Survey
ST TAM PARISH - NORTHLAKE BEHAVIORAL Public Water System
PWS ID LA1103039
ST TAMMANY Parish

Dear Mr. Brown:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 19, 2019 sanitary survey inspection of the public water supply system for ST TAM PARISH - NORTHLAKE BEHAVIORAL (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Ariel Bennett	St. Tammany Parish Government
Chad Freeman	St. Tammany Parish Government

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/19/2016	10/31/2016	Sanitary Survey, Finished	Minor	Source	1103039-002-SE HOSP OLD WELL
Comments: At the time of the survey the well piping was observed to have considerable rust. The well appears to be in need of maintenance, including cleaning and painting to avoid deterioration of the piping that can lead to possible sources of contamination of the water supply.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	A valve on the well discharge line was leaking at the time of inspection. The leak must be repaired; interruption of service to customers should be minimized. LAC 51:XII.319.D.25, Leaks in System - All potable water systems shall be designed, constructed and maintained so as to prevent leakage of water due to defective materials, improper jointing, corrosion, settling, impacts, freezing, or other causes.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The well pump for 1103039-001 SE HOSP MAIN WELL was located on the ground at the time of inspection. Please ensure the well pump is properly supported as permitted. **See Attachment #1** LAC 51:XII.319.D.1 and LAC 51:XII.105.A - No public water supply shall be constructed, operated or modified to the extent that the capacity, hydraulic conditions, functioning of treatment processes, or the quality of finished water is affected, without, and except in accordance with, a permit from the state health officer.
FACILITY	CATEGORY	FINDINGS
1103039-001 - SE HOSP MAIN WELL	Source	There was no well slab at the time of inspection. Please install a well slab to prevent possible source contamination. **See Attachment #2** LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping.

FACILITY	CATEGORY	FINDINGS
1103039-001 - SE HOSP MAIN WELL	Source	There was a hole in the well casing that contained standing water. Please fill in the hole to prevent possible source contamination. **See Attachment #3** LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping.
FACILITY	CATEGORY	FINDINGS
1103039-002 - SE HOSP OLD WELL	Source	There were holes in the grading around the well slab at the time of inspection. Grade the well site to prevent standing water and facilitate drainage away from the well. **See Attachment #4** LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. The well site grading... shall be maintained to prevent the introduction of contamination into the well casing and discharge piping

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED STORAGE	Finished Water Storage	The elevated storage tank vent terminated horizontally at the time of inspection. Provide a downward facing vent, terminating at least 24 inches above the roof or ground surface. **See Attachment #5** LAC 51:XII.337.C - Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED STORAGE	Finished Water Storage	The elevated storage tank vent was not equipped with a screen at the time of inspection. Provide a compliant vent covered with four mesh non-corrodible screen, or with finer mesh in combination with an automatically resetting pressure vacuum relief mechanism. **See Attachment #5** LAC 51:XII.225.K.6. - The vents shall, on elevated tanks and standpipes, open downward, and be fitted with either four mesh non-corrodible screen, or with finer mesh non-corrodible screen in combination with an automatically resetting pressure vacuum relief mechanism, as required by the state health officer.

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT #1	Treatment	The chlorine solution did not have an overflow and a receiving basin capable of receiving accidental spills at the time of inspection. Provide required overflow and receiving basin. **See Attachment #6** LAC 51:XII.I.203.I.4.b - Liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank.
FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT PLANT #2	Treatment	The chlorine solution did not have an overflow and a receiving basin capable of receiving accidental spills at the time of inspection. Provide required overflow and receiving basin. **See Attachment #7** LAC 51:XII.I.203.I.4.b - Liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank.
FACILITY	CATEGORY	FINDINGS
1103039-002 - SE HOSP OLD WELL	Source	The well vent was not screened at the time of inspection. The well vent must be properly screened to prevent contamination of the well. **See Attachment #8** LAC 51:XII.327.A.11-12 - All potable water well casings shall be vented to atmosphere as provided in 327.A.12 below, with the exception that no vent will be required when single-pipe jet pumps are used; All potable water well vents shall be so constructed and installed as to prevent the entrance of contamination. All vent openings shall be piped water tight to a point not less than 24 inches above the highest flood level which may have occurred in a 10-year period, but in no case less than 24 inches above the ground surface. Such vent openings and extensions thereof shall be not less than 1/2 inch in diameter, with extension pipe firmly attached thereto. The openings of the vent pipes shall face downward and shall be screened to prevent the entrance of foreign matter.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to

correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	At the time of inspection, rotating pump shafts and couplings at the wells were exposed, presenting a risk to employee safety; rigid guards, shields, squirrel cages, etc. were generally not provided. Belts, gears, rotating shafts, and electrical wiring should have proper shields to prevent injury. LAC 51:XII.157.B - The design shall comply with all applicable safety codes and regulations that include, but are not limited to, the codes adopted under the authority of Act 12 of the 2005 First Extraordinary Session, State Fire Marshal regulations (see LAC 55:V), National Fire Protection Association (NFPA) standards, and federal Occupational Health and Safety Administration (OSHA) standards.

1. It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.

2. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: System Management and Operation

Attachment Comments: The well pump for 1103039-001 SE HOSP MAIN WELL was located on the ground at the time of inspection. Please ensure the well pump is properly supported as permitted.



Attachment #2

Severity: Significant

Facility ID: SE HOSP MAIN WELL

Category: Source

Attachment Comments: There was no well slab at the time of inspection. Please install a well slab to prevent possible source contamination.



Attachment #3

Severity: Significant

Facility ID: SE HOSP MAIN WELL

Category: Source

Attachment Comments: There was a hole in the well casing that contained standing water. Please fill in the hole to prevent possible source contamination.



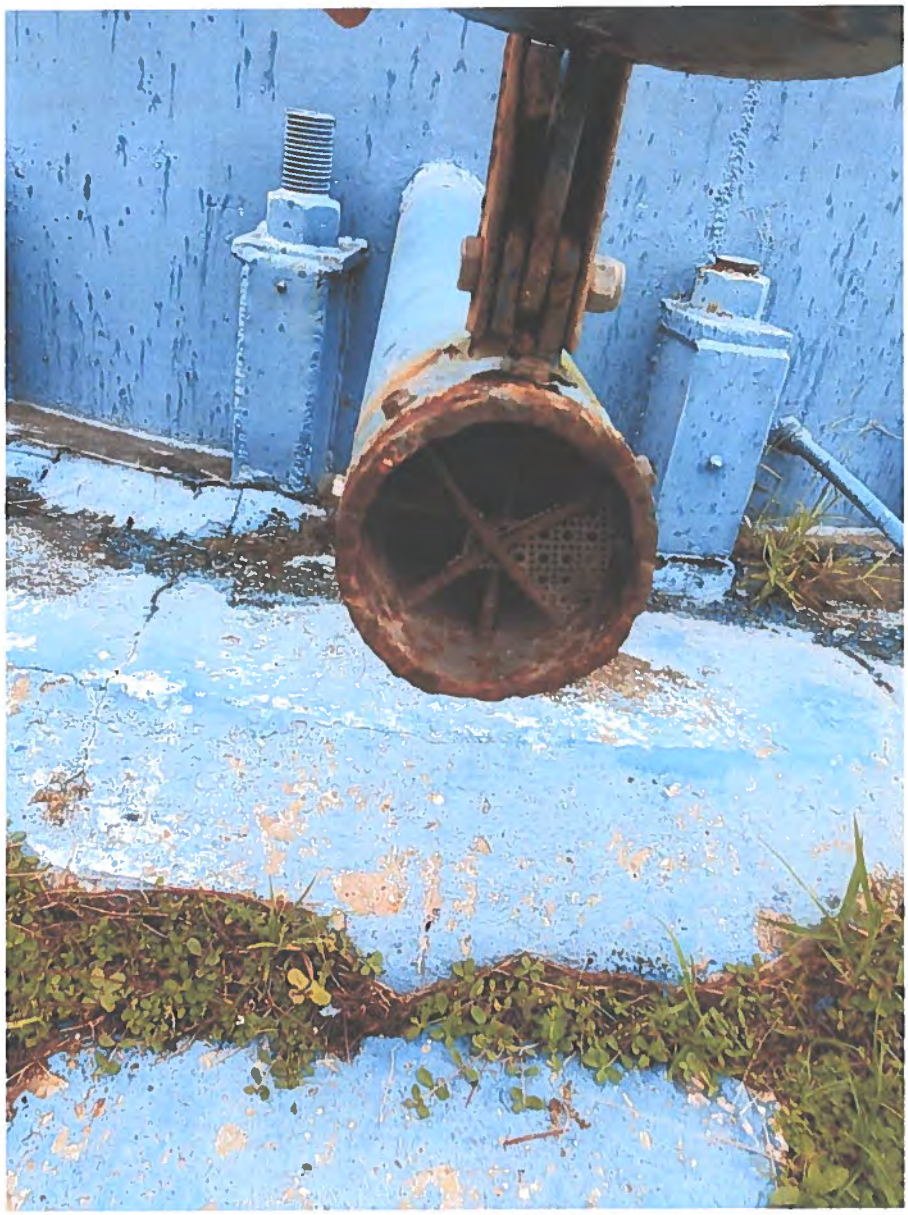
Attachment #4

Severity: Significant

Facility ID: SE HOSP OLD WELL

Category: Source

Attachment Comments: There were holes in the grading around the well slab at the time of inspection. Grade the well site to prevent standing water and facilitate drainage away from the well.



Attachment #5

Severity: Minor

Facility ID: ELEVATED STORAGE

Category: Finished Water Storage

Attachment Comments: The elevated storage tank vent terminated horizontally and was not screened at the time of inspection. Please ensure the vent terminates downward and has a four mesh non-corrodible screen.



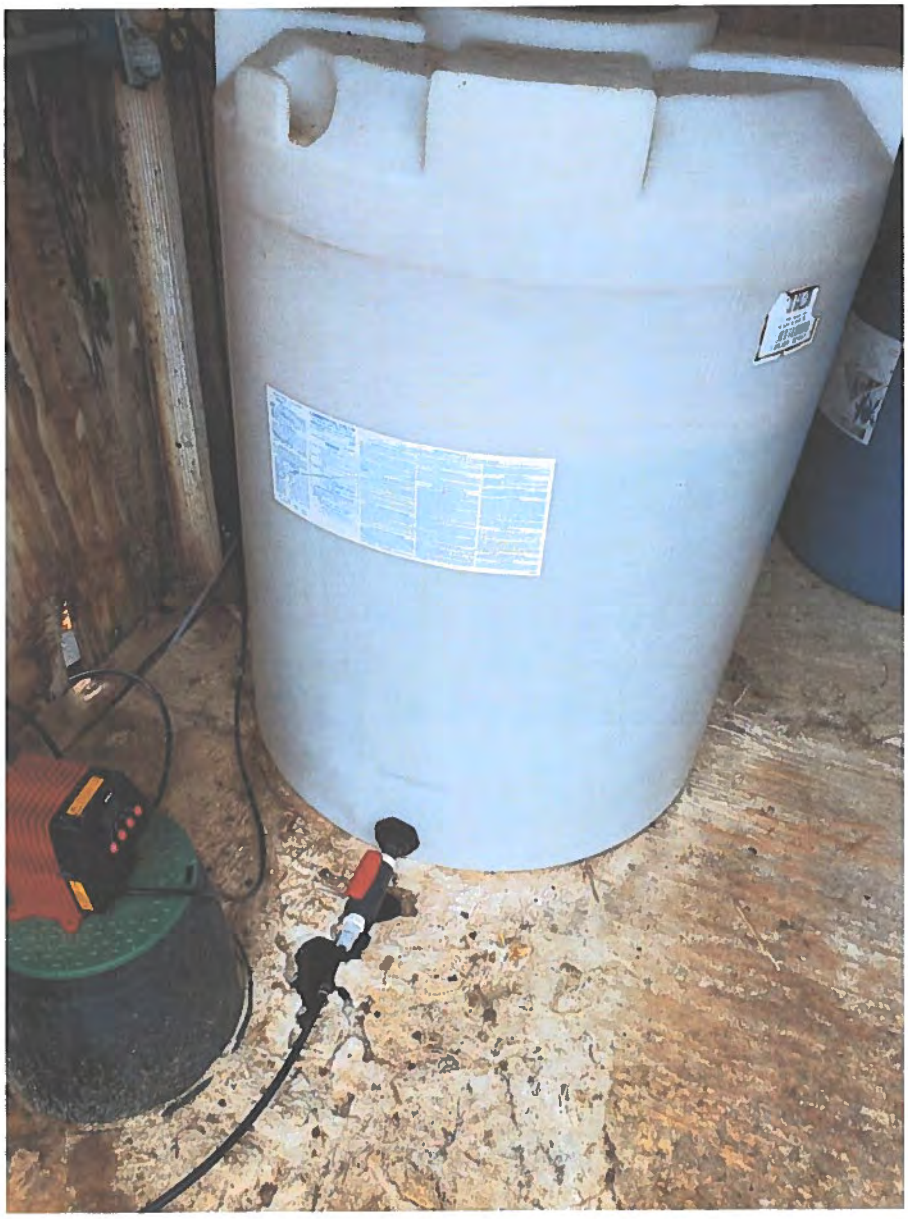
Attachment #6

Severity: Minor

Facility ID: TREATMENT PLANT #1

Category: Treatment

Attachment Comments: The chlorine solution did not have an overflow and a receiving basin capable of receiving accidental spills at the time of inspection. Provide required overflow and receiving basin.



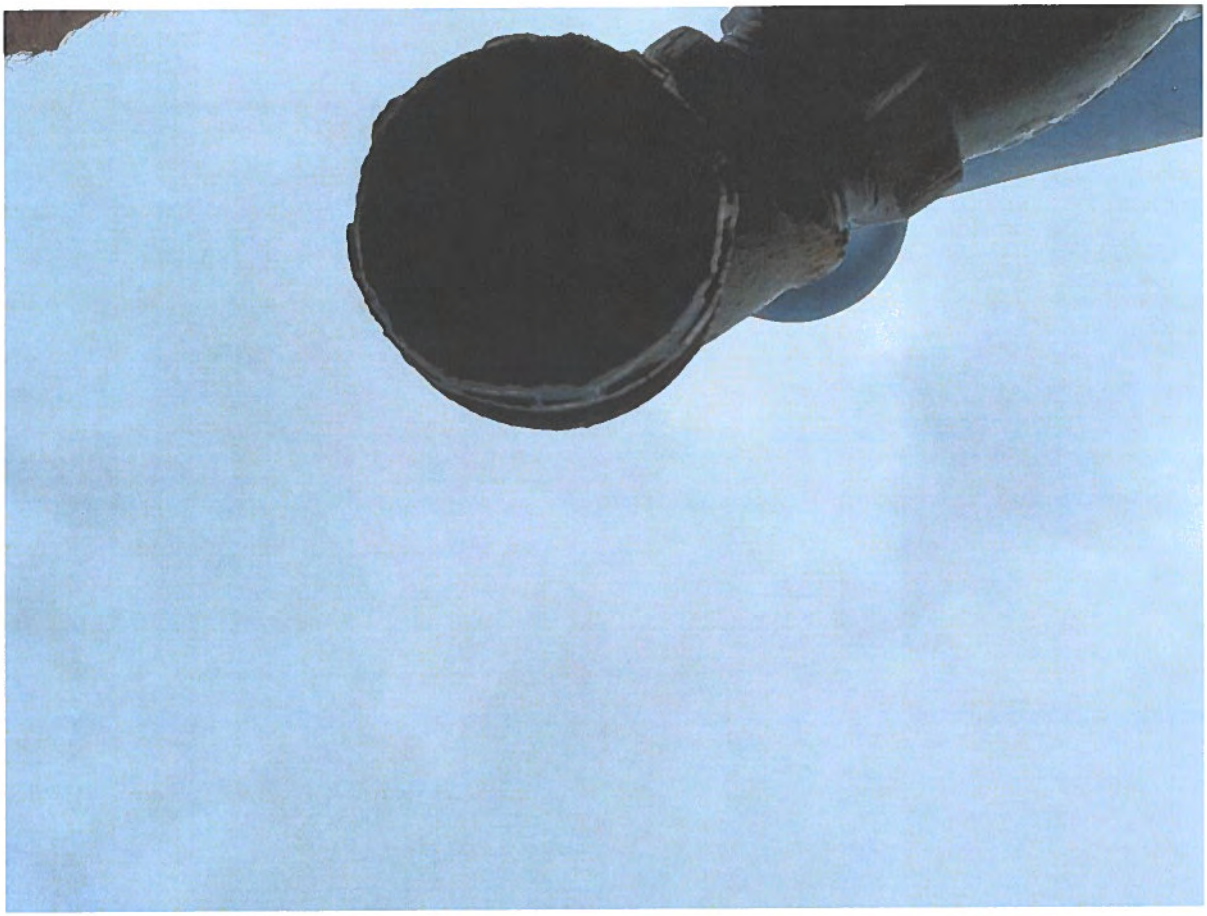
Attachment #7

Severity: Minor

Facility ID: TREATMENT PLANT #2

Category: Treatment

Attachment Comments: The chlorine solution did not have an overflow and a receiving basin capable of receiving accidental spills at the time of inspection. Provide required overflow and receiving basin.



Attachment #8

Severity: Minor

Facility ID: SE HOSP OLD WELL

Category: Source

Attachment Comments: The well vent was not screened at the time of inspection. The well vent must be properly screened to prevent contamination of the well.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7005 1820 0002 1133 7152

November 26, 2019

Joel Willingham
SHADY PINES TRAILER PARK
P.O. Box 9067
Covington, LA 70433

Re: Class I Sanitary Survey
SHADY PINES TRAILER PARK Public Water System
PWS ID LA1103040
ST TAMMANY Parish

Dear Mr. Willingham:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 21, 2019 sanitary survey inspection of the public water supply system for SHADY PINES TRAILER PARK (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Mike Staffen	Curtis Environmental

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/21/2012	12/21/2012	Sanitary Survey, Finished	Significant	Source	1103040-001-SHADY PINE WELL
Comments: A concrete slab shall be constructed as per specifications noted above. The slab shall be at least 4 feet by 4 feet surrounding the well head and sloped to facilitate rapid removal of standing water.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/21/2012	12/21/2012	Sanitary Survey, Finished	Significant	Source	1103040-001-SHADY PINE WELL
Comments: The well head casing is to project no less than 12" above the surface of the ground. The well head casing shall be raised to meet this minimum requirement.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	There was no standby power supply available at the time of inspection. Per LAC51:XII.135.A, dedicated standby power shall be provided by any community water supply and any non-community water supply serving a hospital so that water may be treated and/or pumped to the distribution system during outages to meet the average daily demand during the month of maximum water use. To ensure continuous service when the primary power has been interrupted, a standby power supply shall be provided through connection to at least two independent public power sources, or portable or in-place auxiliary power.
FACILITY	CATEGORY	FINDINGS
1103040-001 - SHADY PINE WELL	Source	At the time of inspection, there was no secondary source of water. Per LAC 51:XII.169.B.2, when groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1103040-001 - SHADY PINE WELL	Source	There was no flow meter on the well discharge pipe at the time of the inspection. Per LAC 51:XII.169.H.3.iv, the well discharge piping shall be equipped with a means of measuring flow. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

2. Develop and implement a written program for well pumping test. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: SHADY PINE WELL

Category: Source

Attachment Comments: There was no flow meter on the well discharge pipe at the time of the inspection.

John Bel Edwards
GOVERNOR



Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7015 3010 0000 4003 7645

July 19, 2019

Frank Mangano
TAMMANY MOBILE HOME PARK
P.O. Box 578
Slidell, LA 70459-0578

Re: Class I Sanitary Survey
TAMMANY MOBILE HOME PARK Public Water System
PWS ID LA1103042
ST TAMMANY Parish

Dear Mr. Mangano:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 28, 2019 sanitary survey inspection of the public water supply system for TAMMANY MOBILE HOME PARK (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH-OPH Region IX Engineer
Corey Harris	LDH-OPH Region IX Engineer
Frank Mangano	Country Club Trailer Park

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/09/2017	09/08/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	HD001-BLADDER TANK #1
Comments: All cisterns and storage tanks shall be of watertight construction and made of concrete, steel or other materials approved for this purpose by the state health officer. Please provide documentation to reflect that the Bladder tank has been approved for use in a public water supply.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
08/09/2017	09/08/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	HD002-BLADDER TANK #2
Comments: All cisterns and storage tanks shall be of watertight construction and made of concrete, steel or other materials approved for this purpose by the state health officer. Please provide documentation to reflect that the Bladder tank has been approved for use in a public water supply.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
08/09/2017	09/08/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	HD004-BLADDER TANK # 4
Comments: All cisterns and storage tanks shall be of watertight construction and made of concrete, steel or other materials approved for this purpose by the state health officer. Please provide documentation to reflect that the Bladder tank has been approved for use in a public water supply.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
08/09/2017	09/08/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	HD005-BLADDER TANK #5
Comments: All cisterns and storage tanks shall be of watertight construction and made of concrete, steel or other materials approved for this purpose by the state health officer. Please provide documentation to reflect that the Bladder tank has been approved for use in a public water supply.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The system was requested in the 2017 survey to submit documentation to reflect the bladder tanks have been approved in a public water supply. However, there was no such documentation has been received since the previous survey and it was also found during this survey that some of the tanks were replaced recently after LDH staff's sampling visit in May, 2019. Per LAC 51:XII.105.A, no public water supply shall be hereafter constructed, operated or modified to the extent that the capacity, hydraulic conditions, functioning of treatment processes, or the quality of finished water is affected, without, and except in accordance with, a permit from the state health officer.
FACILITY	CATEGORY	FINDINGS
1103042-001 - TAMMANY MHP WELL	Source	At the time of the inspection, there was no secondary source of water. When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided per LAC 51:XII.169.B.2.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TAMMANY MOBILE HOME PARK	Treatment	A calibration tube or mass flow monitor was not installed at time of the inspection. Per LAC 51: XII.209.D.2.d, calibration tube shall be installed to monitor and adjust feeding rate.
FACILITY	CATEGORY	FINDINGS
TP001 - TAMMANY MOBILE HOME PARK	Treatment	There was neither liquid level indicator nor receiving basin for the disinfectant tank at the time of the inspection. Per LAC 51:XII.203.I.4.b, liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1103042-001 - TAMMANY MHP WELL	Source	The well pump, discharge pipping and the storage tank were not properly supported at the time of the inspection. Per LAC 51: XII.169.E.8.d, the upper terminal well construction shall be protected from physical damage as required by the state health officer. **See Attachment #2**

FACILITY	CATEGORY	FINDINGS
1103042-001 - TAMMANY MHP WELL	Source	There were two discharge piping branches from the well head at the time of the inspection, i.e. one connected with chlorine injection and the other bypassing the disinfection system and storage to supply the distribution during emergency. The bypass well discharge piping was not equipped with a check valve. And both discharging pipes were not equipped with flow meters. Per LAC 51:XII.169.H.3.iv, the well discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, and a means of measuring flow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, PWS shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that PWS has implemented with respect to the matters detailed in the complaint. PWS shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.
2. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that Tammany Mobile Home Park is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is

desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Each bladder tank was equipped with a threaded sample tap at the time of the inspection, which may be used to collect bacteriological samples for investigational purposes. It is recommended that the threaded taps be replaced with smooth nosed type without interior or exterior threads.
2. It is recommended the system operator obtain chorine testing procedures of high and low ranges for all parties responsible for testing chlorine residuals. These procedures can be downloaded and printed form the manufacturer's website and should be stored with the colorimeter(s) for easy reference.
3. It is recommended the system develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.
4. The water was pumped from the artesian well to a retention tank to reach disinfectant contact time and then the water flows through a series of bladder tanks to serve the distribution. There was no pressure gage downstream from the bladder tanks and thus there is no accurate indicator of the system pressure. It is recommended that additional pressure gage(s) be installed to monitor the pressure in the system.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
748	06/17/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	06/01/2019 - 06/30/2019
747	05/30/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	05/01/2019 - 05/31/2019
746	03/27/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	03/01/2019 - 03/31/2019
745	02/28/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	02/01/2019 - 02/28/2019
744	01/31/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	01/01/2019 - 01/31/2019
743	11/19/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	11/01/2018 - 11/30/2018
742	10/18/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	10/01/2018 - 10/31/2018
741	09/10/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	09/01/2018 - 09/30/2018
740	08/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018
739	07/25/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2018 - 07/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: TAMMANY MOBILE HOME PARK

Category: Treatment

Attachment Comments: There was neither liquid level indicator nor receiving basin for the disinfectant tank at the time of the inspection.



Attachment #2

Severity: Minor

Facility ID: TAMMANY MHP WELL

Category: Source

Attachment Comments: The well pump, discharge pipping and the storage tank were not properly supported at the time of the inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 1970 0000 7349 1764

June 6, 2019

Michael Tilly
TCHEFUNCTA CLUB ESTATES
#2 Pinecrest Drive
Covington, LA 70433

Re: Class I Sanitary Survey
TCHEFUNCTA CLUB ESTATES Public Water System
PWS ID LA1103043
ST TAMMANY Parish

Dear Mr. Tilly:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 23, 2019 sanitary survey inspection of the public water supply system for TCHEFUNCTA CLUB ESTATES (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Mike Staphen	Curtis Environmental Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/14/2016	07/21/2016	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: LAC 51:XII.344 - Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods. Water system did not have a plan or policies. Institute a plan.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/14/2016	07/21/2016	Sanitary Survey, Finished	Minor	Source	1103043-001-MAIN WELL @ LAKE FOREST & PINECREST
Comments: LAC 51:XII.327.A.11 - All potable water well casings shall be vented to atmosphere as provided in 327.A.12, with the exception that no vent will be required when single-pipe jet pumps are used. Well casing does not appear to contain a vent. Please resolve.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/14/2016	07/21/2016	Sanitary Survey, Finished	Minor	Source	1103043-001-MAIN WELL @ LAKE FOREST & PINECREST
Comments: Permanent casing for all groundwater sources shall project at least 12 inches above the pumphouse floor or concrete apron surface and at least 18 inches above final ground surface. Address accordingly.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/14/2016	07/21/2016	Sanitary Survey, Finished	Minor	Source	1103043-002-COUNTRY CLUB WELL
Comments: All potable water well casings shall be vented to atmosphere as provided in 327.A.12, with the exception that no vent will be required when single-pipe jet pumps are used. Well casing does not appear to contain a vent. Please resolve.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/14/2016	07/21/2016	Sanitary Survey, Finished	Minor	Source	1103043-002-COUNTRY CLUB WELL
Comments: Permanent casing for all groundwater sources shall project at least 12 inches above the pumphouse floor or concrete apron surface and at least 18 inches above final ground surface. Address accordingly.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/14/2016	07/21/2016	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT PLANT #1
Comments: Where chlorine gas is used, the room shall be constructed to provide the following: separate switches for the fan and lights shall be located outside of the chlorine room and at the inspection window. Outside switches shall be protected from vandalism. A signal light indicating fan operation shall be provided at each entrance when the fan can be controlled from more than one point. Address accordingly.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/14/2016	07/21/2016	Sanitary Survey, Finished	Minor	Treatment	TP002-TREATMENT PLANT #2
Comments: Where chlorine gas is used, the room shall be constructed to provide the following: separate switches for the fan and lights shall be located outside of the chlorine room and at the inspection window. Outside switches shall be protected from vandalism. A signal light indicating fan operation shall be provided at each entrance when the fan can be controlled from more than one point. Address accordingly.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	There was no standby power supply available at the time of inspection. Per LAC51:XII.135.A, dedicated standby power shall be provided by any community water supply and any non-community water supply serving a hospital so that water may be treated and/or pumped to the distribution system during outages to meet the average daily demand during the month of maximum water use. To ensure continuous service when the primary power has been interrupted, a standby power supply shall be provided through connection to at least two independent public power sources, or portable or in-place auxiliary power.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1103043-001 - MAIN WELL @ LAKE FOREST & PINECREST	Source	There was no flow meter on the well discharge pipe at the time of inspection. The well discharge piping shall be equipped with a means of measuring flow per LAC 51:XII.169.H.3.iv. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1103043-002 - COUNTRY CLUB WELL	Source	There was no flow meter on the well discharge pipe at the time of inspection. The well discharge piping shall be equipped with a means of measuring flow per LAC 51:XII.169.H.3.iv.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

It is understand that the emergency well was rarely in use. LDH highly recommended that the system keep monitoring the emergency well and keep record of it when it is in use.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

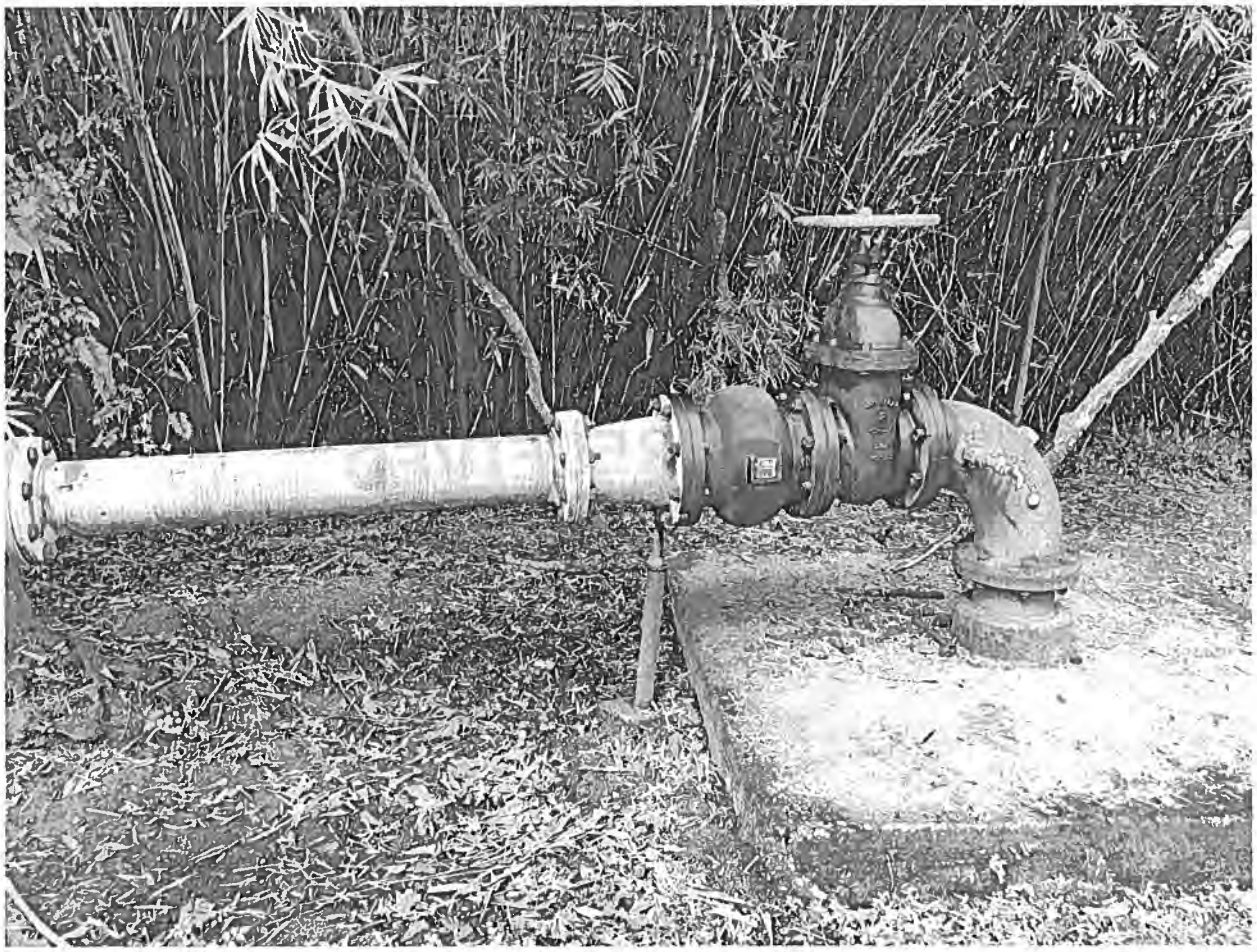
Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: MAIN WELL @ LAKE FOREST & PINECREST

Category: Source

Attachment Comments: There was no flow meter on the well discharge piping.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 8664 3832

September 23, 2019

Alex Williams
UTILITIES INC - MAGNOLIA FOREST SUBD
201 Holiday Boulevard, Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
UTILITIES INC - MAGNOLIA FOREST SUBD Public Water System
PWS ID LA1103054
ST TAMMANY Parish

Dear Mr. Williams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 10, 2019 sanitary survey inspection of the public water supply system for Magnolia Forest Subdivision (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Christina Dang	LDH-OPH Region II Engineer
Corey Harris	LDH-OPH Region IX Engineer
Mike Brandt	Utilities Inc. of Louisiana

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	There was a hole under the fence line at the time of inspection. The grading shall be filled to protect against unauthorized access. **See Attachment #1** LAC 51:XII.319.D.2 and LAC 51:XII.315.A - All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked; said areas shall be locked when unattended. The fence shall be resistant to climbing and at least 6 feet high.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,

Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Security

Attachment Comments: There was a hole under the fence line at the time of inspection. The grading shall be filled to protect against unauthorized access.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 8664 3825

September 23, 2019

Alex Williams
UTILITIES INC - KINGSPOINT SUBDIVISION
201 Holiday Boulevard, Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
UTILITIES INC - KINGSPOINT SUBDIVISION Public Water System
PWS ID LA1103055
ST TAMMANY Parish

Dear Mr. Williams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 10, 2019 sanitary survey inspection of the public water supply system for UTILITIES INC - KINGSPOINT SUBDIVISION (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
Eric Brown	LDH-OPH Region IX Engineer
Christina Dang	LDH-OPH Region II Engineer
Mike Brandt	Utilities Inc of La

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1103055-002 - WELL #2 OF 3 BROOKTER	Source	At the time of inspection, the Brookter Well slab was eroded and exposed the well casing to possible contamination. Repair or replace the well slab. Per LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. ... the well slab ... shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #1**

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.
2. The well slab at the Chancer Well is starting to form cracks and should be addressed as soon as possible. Per LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1907954-004	Routine	8/6/2019		1.210	
A1902276-001	Routine	3/6/2019		1.380	
A1902276-002	Routine	3/6/2019		1.040	
A1902276-003	Routine	3/6/2019		1.860	
A1902276-004	Routine	3/6/2019		1.560	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: WELL #2 OF 3 BROOKTER

Category: Source

Attachment Comments: Well slab is eroded

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8259

February 7, 2019

David Bottner
GIVING HOPE RETREAT
1134 Baronne Street
New Orleans, LA 70113

Re: Class I Sanitary Survey
GIVING HOPE RETREAT Public Water System
PWS ID LA1103062
ST TAMMANY Parish

Dear Mr. Bottner:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 24, 2019 sanitary survey inspection of the public water supply system for GIVING HOPE RETREAT (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Jie Gu	LDH-OPH Region IX Engineer
John Mixon	

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	There was no standby power supply available at the time of inspection. Per LAC51:XII.135.A, Dedicated Standby power shall be provided by any community water supply and any non-community water supply serving a hospital so that water may be treated and/or pumped to the distribution system during outages to meet the average daily demand during the month of maximum water use. To ensure continuous service when the primary power has been interrupted, a standby power supply shall be provided through connection to at least two independent public power sources or portable/in-place auxiliary power.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	After reviewing the records of the system, it did not appear that the water system had fully implemented a cross connection control program.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Several hose bibbs were observed to be connected to potable water system without backflow prevention devices at the time of inspection. At least an atmospheric or pressure vacuum breaker shall be provided for hose bibb connections per LAC 51:XII.343.A. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1103062-001 - GIVING HOPE RETREAT WELL	Source	At the time of inspection there was no secondary source of water. When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided per LAC 51:XII.169.B.2.
FACILITY	CATEGORY	FINDINGS
1103062-001 - GIVING HOPE RETREAT WELL	Source	The well discharge pipe was not equipped with an approved raw water sample tap at the time of inspection. A smooth nozzle sample tap shall be provided for the collection of raw water samples. The tap shall be of the smooth nozzle type, shall be upstream of the well discharge line check valve, and shall terminate in a downward direction per LAC 51:XII.327.A.15. **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The designated sample taps on this distribution system were threaded at time of inspection. The sample taps are to be smooth-nozzle taps per LAC 51:XII.903.B. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC TANK	Finished Water Storage	At the time of inspection, there was no water sight glass installed on the storage tank. The tank must be equipped with a water sight glass per LAC 51:X11.229.E.
FACILITY	CATEGORY	FINDINGS
TP001 - GIVING HOPE RETREAT	Treatment	There was no secondary containment for the sodium hypochlorite storage at the time of inspection. A receiving basin capable of receiving accidental spills or overflows must be provided per LAC 51:X11.203.I.4.
FACILITY	CATEGORY	FINDINGS
1103062-001 - GIVING HOPE RETREAT WELL	Source	There was no flow meter on the well discharge pipe at the time of inspection. The well discharge piping shall be equipped with a means of measuring flow per LAC 51:XII.169.H.3.iv.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
1006518	02/06/2018	LEAD & COPPER RULE	07/01/2017 - 12/31/2017

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
1006519	08/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: GIVING HOPE RETREAT WELL

Category: Source

Attachment Comments: Raw water tap was threaded at time of inspection.



Attachment #2

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Hose bibb had no backflow prevention device at time of inspection.



Attachment #3

Severity: Minor

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: The TCR sample tap is threaded.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 8664 3549

September 23, 2019

Alex Williams
UTILITIES INC - LAKE VILLAGE SD
201 Holiday Boulevard, Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
UTILITIES INC - LAKE VILLAGE SD Public Water System
PWS ID LA1103064
ST TAMMANY Parish

Dear Mr. Williams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 10, 2019 sanitary survey inspection of the public water supply system for Lake Village Subdivision (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Christina Dang	LDH-OPH Region II Engineer
Corey Harris	LDH-OPH Region IX Engineer
Mike Brandt	Utilities Inc. of Louisiana

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,

Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8136

February 14, 2019

Darren "Kelly" Johnson
VILLAGE GUTHRIE SUBDIVISION
PO Box 801
Loranger, LA 70466

Re: Class I Sanitary Survey
VILLAGE GUTHRIE SUBDIVISION Public Water System
PWS ID LA1103066
ST TAMMANY Parish

Dear Mr. Johnson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 7, 2019 sanitary survey inspection of the public water supply system for VILLAGE GUTHRIE SUBDIVISION (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Eric Brown	LDH Region IX Engineering
Darren "Kelly" Johnson	Parks Waterworks

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC #1	Finished Water Storage	The condition of the interior of the tank was unknown, however, signs of severe rust was shown on the exterior of the tank at the time of inspection. The tank should be evaluated though it was seldom in service. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
HD002 - HYDROPNEUMATIC #2	Finished Water Storage	The condition of the interior of the tank was unknown, however, signs of severe rust was shown on the exterior of the tank at the time of inspection. The tank should be evaluated though it was seldom in service. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1103066-001 - 4TH STREET WELL (1 OF 2)	Source	There was no flow meter on the well discharge pipe at the time of inspection. The well discharge piping shall be equipped with a means of measuring flow per LAC 51:XII.169.H.3.iv.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

The water system is practicing flushing activities approximately twice a year; however, the flushing activities were not documented. It is strongly recommended that the water system develop a regular flushing program and implement accordingly. The water system performed well test in 2016 when the pump was changed. LDH recommends that water system perform well test on each well every 1-2 years and keep the record.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9005130	07/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2018 - 07/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

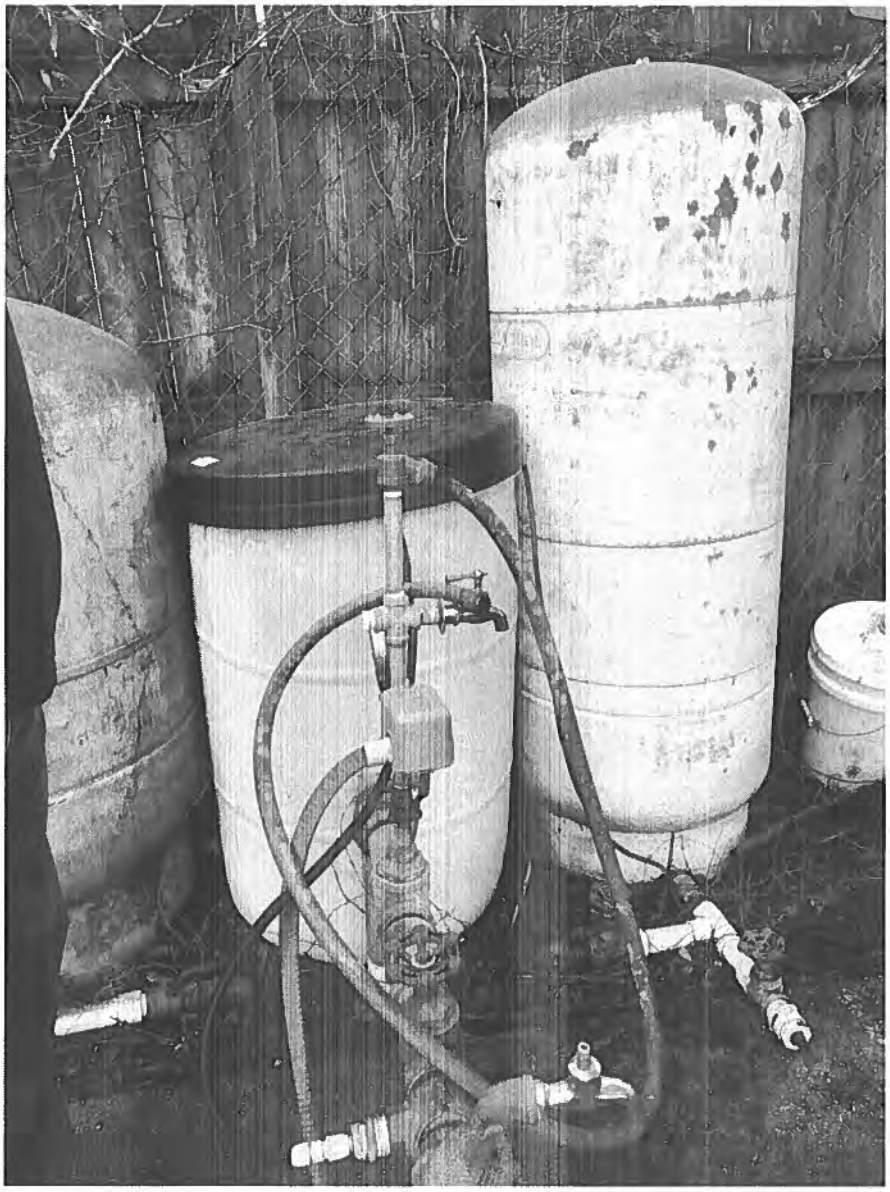
Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: HYDROPNEUMATIC #1 and #2

Category: Finished Water Storage

Attachment Comments: Rusted Water Storage Tanks

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1895

October 8, 2019

Ken Clark
OZONE PINE SUBDIVISION
4123 Walnut Street
Slidell, LA 70461

Re: Class I Sanitary Survey
OZONE PINE SUBDIVISION Public Water System
PWS ID LA1103069
ST TAMMANY Parish

Dear Mr. Clark:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 27, 2019 sanitary survey inspection of the public water supply system for OZONE PINE SUBDIVISION (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Jacob Haffner	LDH District II Engineering
Ken Clark	Ozone Pine Subdivision

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/28/2016	01/26/2017	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods. The water supply is in a area with a considerable number of private wells and septic systems. To be able to properly protect the water supply the water system shall determine who is served and provide an accurate count with addresses of those served.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/28/2016	01/26/2017	Sanitary Survey, Finished	Significant	M&R and Data Verification	Management
Comments: System shall have a monitoring plan that includes a list of all routine compliance samples required on a daily, weekly, monthly, quarterly, and annual basis and identify the sampling location where samples are to be collected. The public water system shall revise and re-submit its monitoring plan if changes to the sampling locations or if any significant changes to the disinfection methods are made. In addition, the public water system shall update and re-submit its monitoring plan when the system's sampling requirements or protocols change.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/28/2016	01/26/2017	Sanitary Survey, Finished	Significant	Other	Management
Comments: All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked. The areas shall be locked when unattended. The fence shall be resistant to climbing and at least 6 feet high.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/28/2016	01/26/2017	Sanitary Survey, Finished	Significant	Source	1103069-001-OZONE PINE WELL
Comments: There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. The well should be supplied with a slab and the area around the well maintained so as to protect the water supply from contamination.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/28/2016	01/26/2017	Sanitary Survey, Finished	Minor	System Management and Operation	Management
Comments: Chlorine residuals must be monitored daily at the water production (POE) site. A critical point (MRT), the location in the water system furthest from treatment, must be monitored daily. An addition chlorine residual check must be made monthly at the ACR site. These points should be established during the submittal of the Monitoring Plan on the Monitoring Portal website. A free chlorine residual of 0.5mg/L is required at all times and at all locations tested. Please start measuring and recording the residuals at the locations described using a digital chlorine analyzer. Residuals must also be recorded on the "LDH Approved Chlorine Residual Forms", which can be founded at http://new.dhh.louisiana.gov/index.cfm/page/1725					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/28/2016	01/26/2017	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT PLANT
Comments: Routine, continuous disinfection is required of all public water systems. 1. Where a continuous chloramination (i.e., chlorine with ammonia addition) method is used, water being delivered to the distribution system shall contain a minimum concentration of 0.5 mg/l of chloramine residual (measured as total chlorine). 2. Where a continuous free chlorination method is used, water being delivered to the distribution system shall contain a minimum concentration of free chlorine residual in accordance with the following table. pH up to 7.0 requires 0.5 mg/l free chlorine, pH 7.0 - 8.0 requires 0.6 mg/l free chlorine, pH 8.0 - 9.0 requires 0.8 mg/l free chlorine, pH over 9.0 requires 1.0 mg/l free chlorine. At the time of the site visit no chlorine was being supplied to the system.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/17/2012	12/18/2012	Sanitary Survey, Finished	Minor	Source	1103069-001-OZONE PINE WELL
Comments: No records of the system are available. All records for the system including the drillers log shall be obtained and retained per code.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/17/2012	12/18/2012	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT PLANT
Comments: The chlorine solution tank is not provided with secondary containment. Curbing or other containment around the tank is to be provided per code.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/24/2012	10/11/2012	Follow-up to Formal Enforcement	Significant	Operator Compliance	Management
Comments: As noted the system does not have a certified operator. The system is required to have an operator or contract operator.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	There was no standby power supply available at the time of inspection. Per LAC51:XII.135.A, dedicated standby power shall be provided by any community water supply and any non-community water supply serving a hospital so that water may be treated and/or pumped to the distribution system during outages to meet the average daily demand during the month of maximum water use. To ensure continuous service when the primary power has been interrupted, a standby power supply shall be provided through connection to at least two independent public power sources, or portable or in-place auxiliary power.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	There was no cross connection control plan at the time of the inspection. Per LAC 51: XII.344, each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	The liquid disinfectant storage tank was not labeled to identify its contents at the time of inspection. Per LAC 51:XII.319.D.23, storage tanks and pipelines for liquid chemicals shall be specified for use with individual chemicals and not used for different chemicals. Offloading areas must be clearly labeled to prevent accidental cross-contamination. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1103069-001 - OZONE PINE WELL	Source	There was no secondary source of water at the time of the inspection. Per LAC 51:XII.169.B.2, when groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	A calibration tube or mass flow monitor was not installed at time of the inspection. Per LAC 51: XII.209.D.2.d, calibration tube shall be installed to monitor and adjust feeding rate. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	Liquid disinfectant was injected at the pressure tank at the time of the inspection. Per LAC 51: XII.201.C.4 and LAC 51: XII. 201.D.2, chemicals shall be applied to the water at such points and by such means as to assure satisfactory mixing of the chemical with the water and minimize potential for corrosion. The injection point of disinfectant shall be moved a point which is downstream from the check valve and prior to the storage tank.
FACILITY	CATEGORY	FINDINGS
1103069-001 - OZONE PINE WELL	Source	There was no flow meter nor pressure gage on the well discharge pipe at the time of the inspection. Per LAC 51:XII.169.H.3.iv, the well discharge piping shall be equipped with a means of measuring flow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

2. A well pumping test is currently not performed - pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
9005849	11/05/2018	LEAD & COPPER RULE	01/01/2018 - 12/31/2018

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9005863	08/28/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	08/01/2019 - 08/31/2019
9005862	07/24/2019	5% DS BELOW MIN	07/01/2019 - 07/31/2019

		0.5-2 MONTHS CONSEC(GW)	
9005861	06/06/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	06/01/2019 - 06/30/2019
9005860	05/09/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	05/01/2019 - 05/31/2019
9005858	04/08/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
9005857	04/04/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	04/01/2019 - 04/30/2019
9005856	04/02/2019	CCR REPORT	
9005855	03/19/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	03/01/2019 - 03/31/2019
9005854	02/28/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	02/01/2019 - 02/28/2019
9005853	02/22/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
9005852	01/10/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	01/01/2019 - 01/31/2019
9005851	01/02/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	12/01/2018 - 12/31/2018
9005850	11/19/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	11/01/2018 - 11/30/2018
9005848	10/18/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	10/01/2018 - 10/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

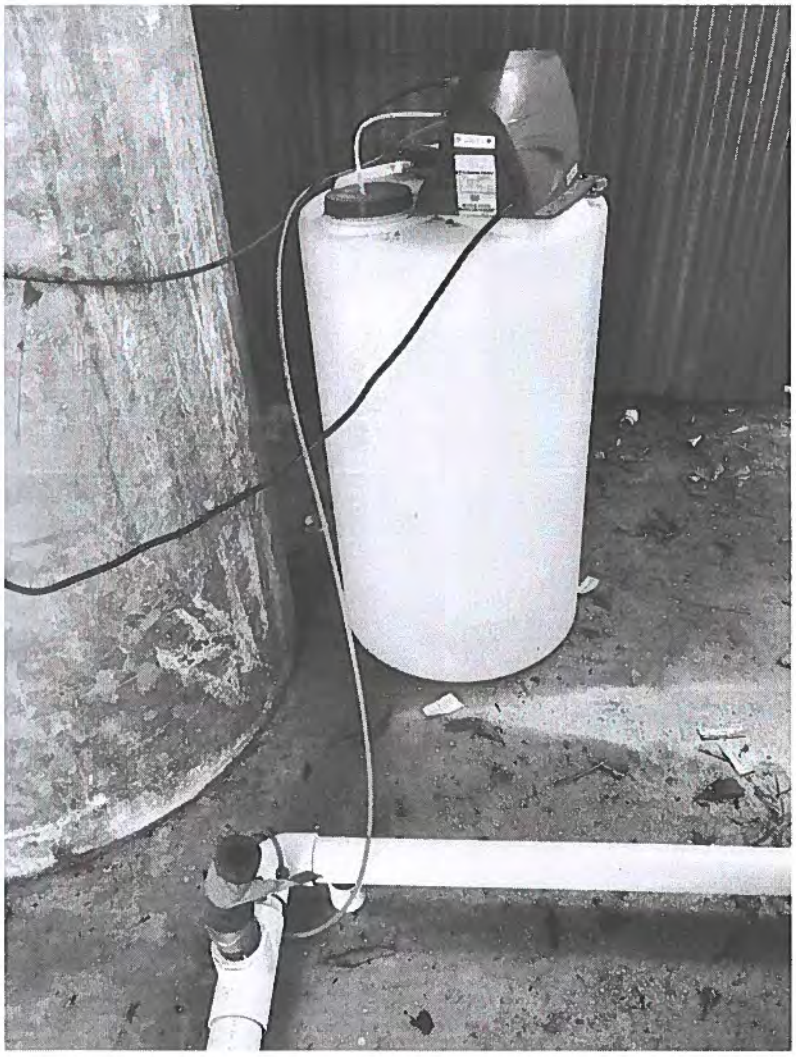
Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



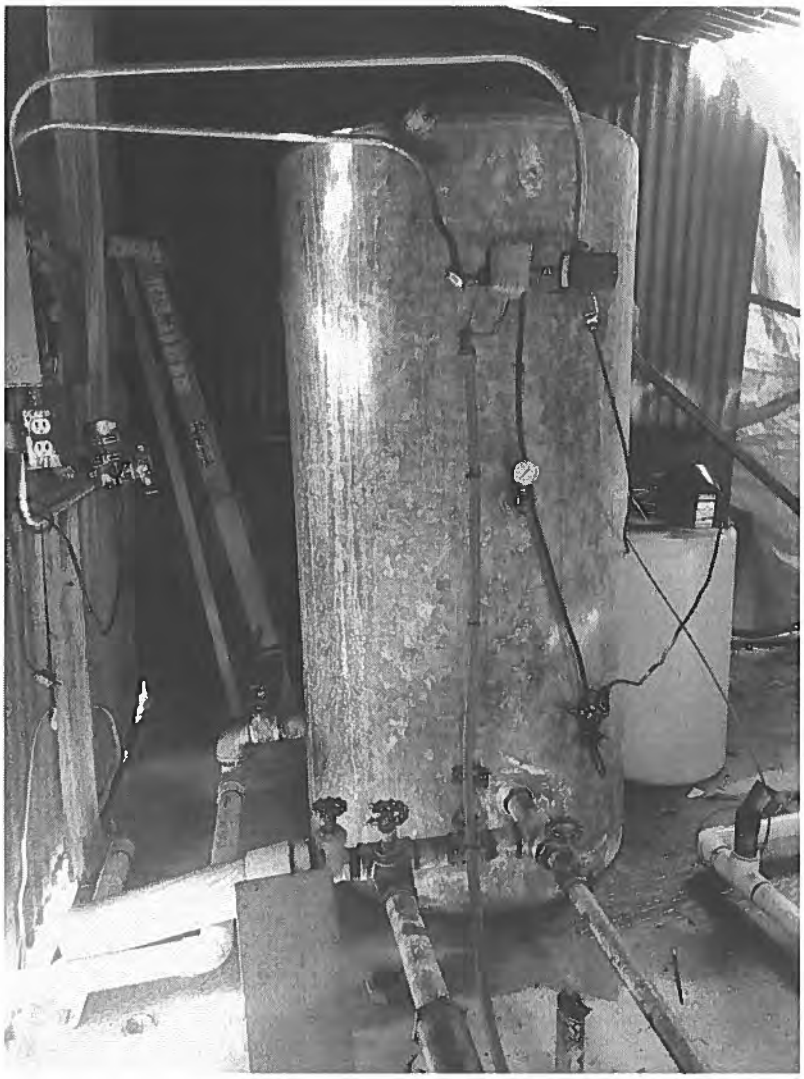
Attachment #1

Severity: Significant

Facility ID: TREATMENT PLANT

Category: Treatment

Attachment Comments: There was no label on the liquid disinfectant container at the time of the inspection.



Attachment #2

Severity: Minor

Facility ID: TREATMENT PLANT

Category: Treatment

Attachment Comments: The chlorine injection point was on the storage tank at the time of the inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 7863

March 6, 2019

Blaise Mangano
MANGANOS MOBILE HOME PARK
P.O. Box 1599
Pearl River, LA 70452

Re: Class I Sanitary Survey
MANGANOS MOBILE HOME PARK Public Water System
PWS ID LA1103071
ST TAMMANY Parish

Dear Mr. Mangano:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 26, 2019 sanitary survey inspection of the public water supply system for MANGANOS MOBILE HOME PARK (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Eric Brown	LDH Region IX Engineering
Blaise Mangano	Mangano MHP

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	There was no written cross connection control plan at the time of inspection. Each water supplier shall protect the water produced and distributed by its water supply system from potential contaminantion by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods per LAC 51: XII.344.
FACILITY	CATEGORY	FINDINGS
1103071-002 - MANGANOES MHP WELL #2	Source	At the time of inspection, there was no active secondary source of water. When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided per LAC 51:XII.169.B.2.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1451

September 26, 2019

Alex Williams
UTILITIES INC - HUNTWYCK VILLAGE
201 Holiday Boulevard, Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
UTILITIES INC - HUNTWYCK VILLAGE Public Water System
PWS ID LA1103073
ST TAMMANY Parish

Dear Mr. Williams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 26, 2019 sanitary survey inspection of the public water supply system for UTILITIES INC - HUNTWYCK VILLAGE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Mike Brandt	Utilities Inc Of La

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

2. Develop and implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one

segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 8664 3856

September 23, 2019

Alex Williams
UTILITIES INC - QUAIL RIDGE SUBDIVISION
201 Holiday Boulevard, Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
UTILITIES INC - QUAIL RIDGE SUBDIVISION Public Water System
PWS ID LA1103074
ST TAMMANY Parish

Dear Mr. Williams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 10, 2019 sanitary survey inspection of the public water supply system for UTILITIES INC - QUAIL RIDGE SUBDIVISION (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
Eric Brown	LDH-OPH Region IX Engineer
Christina Dang	LDH-OPH Region II Engineer
Mike Brandt	Utilities Inc of La

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP003 - VILLAGE ACADIAN WELL	Treatment	At the time of inspection, the sodium hypochlorite container did not have secondary containment in case of a spill/leak. Per LAC 51:XII.I.203.I.4.b - Liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank.
FACILITY	CATEGORY	FINDINGS
TP004 - TP @ FRENCHMEN ESTATES WELL 1 (OF 2)	Treatment	At the time of inspection, the sodium hypochlorite container did not have secondary containment in case of a spill/leak. Per LAC 51:XII.I.203.I.4.b - Liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.
2. The well slab at the Frenchmen's Estates Well is starting to form cracks and should be addressed as soon as possible. Per LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7015 3010 0000 4003 7669

July 23, 2019

Alex Williams
UTILITIES INC - WOODRIDGE SUBDIVISION
201 Holiday Boulevard, Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
UTILITIES INC - WOODRIDGE SUBDIVISION Public Water System
PWS ID LA1103075
ST TAMMANY Parish

Dear Mr. Williams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 10, 2019 sanitary survey inspection of the public water supply system for UTILITIES INC - WOODRIDGE SUBDIVISION (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Alvin Kennedy	Utilities Inc Of La

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1103075-001 - STP BACKUP WELL	Source	STP Backup Well was not located at a safe distance from the wastewater treatment plant at the time of the inspection. Per LAC 51:XII.327.A.2, every potable water well, and the immediate appurtenances thereto that comprise the well, shall be located at a safe distance from all possible sources of contamination, including but not limited to, privies, cesspools, septic tanks, subsurface tile systems, sewers, drains, barnyards, and pits below the ground surface. **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
1103075-001 - STP BACKUP WELL	Source	Well casing at STP Backup Well site was not projecting at least 12 inches above ground at the time of inspection. Per LAC 51:XII.327.A.7, in wells with pipe casings, the casings shall project at least 12 inches above ground level or the top of the cover or floor, and the cover or floor shall slope away from the well casing or suction pipe in all directions. In flood-prone areas the top of the casing shall be at least 2 feet above the highest flood level which may have occurred in a 10-year period, but in no case less than 2 feet above the ground surface. **See Attachment #2**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, PWS shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that PWS has implemented with respect to the matters detailed in the complaint. PWS shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.
2. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that PWS is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.
2. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

3. Well pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

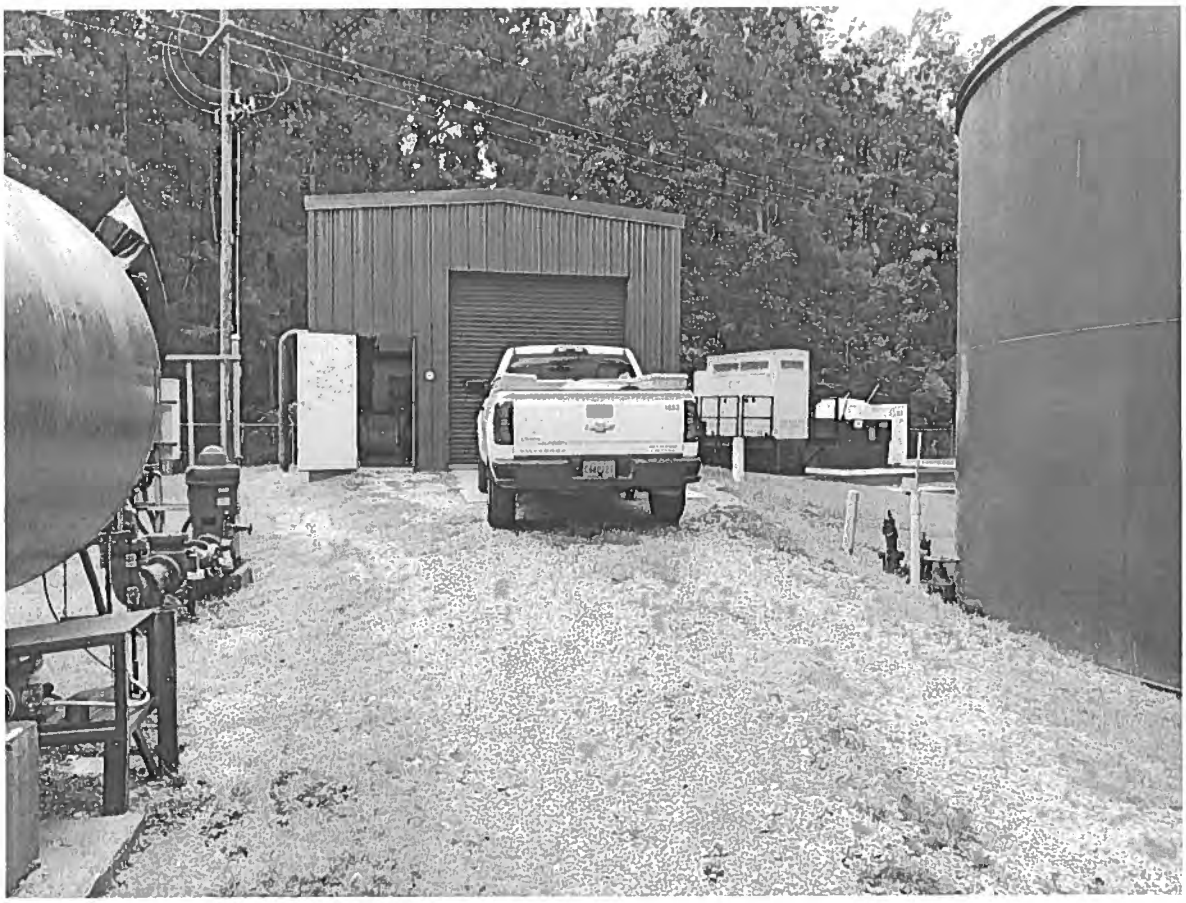
Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: STP BACKUP WELL

Category: Source

Attachment Comments: STP Backup Well was not located at a safe distance from the wastewater treatment plant



Attachment #2

Severity: Minor

Facility ID: STP BACKUP WELL

Category: Source

Attachment Comments: Well casing at STP Backup Well site was not projecting at least 12 inches above ground.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70190700000059891796

August 20, 2019

Darren "Kelly" Johnson
PONDEROSA RANCHES SUBDIVISION
PO Box 801
Loranger, LA 70466

Re: Class I Sanitary Survey
PONDEROSA RANCHES SUBDIVISION Public Water System
PWS ID LA1103077
ST TAMMANY Parish

Dear Mr. Johnson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 19, 2019 sanitary survey inspection of the public water supply system for PONDEROSA RANCHES SUBDIVISION (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jacob Haffner	LDH/OPH Engineering/District II
Corey Harris	LDH/OPH Engineering/District II
Darren "Kelly" Johnson	Parks Waterworks

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/07/2019	02/14/2019	Sanitary Survey, Finished	Minor	Source	1103077-001-PONDEROSA RANCHES WELL #1 OF 2 DEER RUN
Comments: At the time of the inspection, it was noted that the Deer Run well did not have a flow meter. Each well must be equipped with a flow meter.					

Significant Deficiencies

LAC 105:XII.105.A - No public water supply shall be constructed, operated or modified to the extent that the capacity, hydraulic conditions, functioning of treatment processes, or the quality of finished water is affected, without, and except in accordance with, a permit from the state health officer.

The results of water quality testing, performed on-site by LDH at the time of the survey, are as follows:

Deer Run Well
- Free Cl – 0.14 mg/L
- Total Cl – 0.67 mg/L
- Raw Water Free Ammonia – 0.39 mg/L

Maverick Well
- Free Cl – 0.02 mg/L
- Total Cl – 0.34 mg/L
- Raw Water Free Ammonia – 0.25 mg/L

Ponderosa Ranches Subdivision is permitted and identified in the Louisiana Monitoring Plan Portal (MPP) as a free chlorine system (secondary disinfection, in the distribution system). To operate as a free chlorine system Ponderosa Ranches Subdivision must ensure that sufficient free chlorine is added to groundwater to carry adequate free chlorine residual throughout the distribution system. Naturally occurring free ammonia, where present in groundwater and not fully destroyed by breakpoint chlorination, combines with free chlorine to form chloramines (measured as total chlorine). Systems that use chloramine for disinfection need to be permitted, and listed in the MPP, as Total Chlorine.

Based on the above results Ponderosa Ranches Subdivision's groundwater contains naturally occurring ammonia and breakpoint chlorination is not being achieved, therefore, the system is operating as an unpermitted total chlorine (chloramine) system.

The system may either:

1. Remain a free chlorine system and submit to this office a Monitoring and Control Plan (MCP) to ensure proper treatment. The MCP shall characterize the chlorine demand of the source water(s), the amount of free chlorine required to achieve proper treatment and identify monitoring to be performed to ensure proper treatment is consistently being achieved.

2. Become a monochloramine system by using and/or adding ammonia. The system shall submit to this office a MCP which requires the same as above, the chlorine demand of the source water and the amount of chlorine required to achieve proper treatment. In addition, a permit will be required for the conversion. The permit will require a chloramine test to identify the type of chloramines created in the system, a Nitrification Control Plan, dose calculations, and a public notice stamped and dated by a Louisiana professional engineer.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	Provide standby or auxiliary power necessary to provide adequate treatment and maintain a minimum 20 psig pressure throughout the system. At the time of inspection the backup generator was not operational. Per LAC 51:XII.223.F - To ensure continuous service when the primary power has been interrupted, a power supply shall be provided from a standby or auxiliary source where necessary to maintain minimum 20 psig pressure throughout the system based on systems average hourly demand during the peak annual day.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Due to the water system not having raised rates within the last 5 years, it is recommended that the water system perform a financial analysis of operating costs and determine if a rate adjustment is needed.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9004837	07/26/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2019 - 07/31/2019
9004836	04/02/2019	CCR REPORT	
9004835	03/25/2019	LEAD CONSUMER NOTICE (LCR)	01/01/2016 - 12/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8266

February 11, 2019

Darren "Kelly" Johnson
PONDEROSA RANCHES SUBDIVISION
PO Box 801
Loranger, LA 70466

Re: Class I Sanitary Survey
PONDEROSA RANCHES SUBDIVISION Public Water System
PWS ID LA1103077
ST TAMMANY Parish

Dear Mr. Johnson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 7, 2019 sanitary survey inspection of the public water supply system for PONDEROSA RANCHES SUBDIVISION (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Jie Gu	LDH-OPH Region IX Engineer
Darren "Kelly" Johnson	Parks Waterworks

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1103077-001 - PONDEROSA RANCHES WELL #1 OF 2 DEER RUN	Source	At the time of the inspection, it was noted that the Deer Run well did not have a flow meter. Each well must be equipped with a flow meter.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

There are no formal records of flushing. We recommend that flushing records be kept for complaint correlation and routine maintenance. We also recommend that a formal complaint log be kept.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9004834	07/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2018 - 07/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,

Eric Brown,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1673

September 3, 2019

Tim Brown
ST TAM PARISH - BRIARWOOD TERRACE
620 N Tyler St
Covington, LA 70433

Re: Class I Sanitary Survey
ST TAM PARISH - BRIARWOOD TERRACE Public Water System
PWS ID LA1103079
ST TAMMANY Parish

Dear Mr. Brown:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 19, 2019 sanitary survey inspection of the public water supply system for ST TAM PARISH - BRIARWOOD TERRACE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Ariel Bennett	St. Tammany Parish Government
Chad Freeman	St. Tammany Parish Government

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/16/2013	05/23/2013	Sanitary Survey, Finished	Minor	Treatment	TP004-KOOP DR
Comments: Solution tanks shall be located in protective curbing/basin so that chemical from equipment failure, spillage or accidental drainage shall not enter in conduits, treatment or storage basins.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The gate valve on the 1103096-003 Helenbirg well discharge line was leaking at the time of inspection. The leak must be repaired; interruption of service to customers should be minimized. **See Attachment #1** LAC 51:XII.319.D.25, Leaks in System - All potable water systems shall be designed, constructed and maintained so as to prevent leakage of water due to defective materials, improper jointing, corrosion, settling, impacts, freezing, or other causes.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	There was a threaded tap on the 1103079-004 Koop well at the time of inspection. Appropriate backflow prevention device(s) must be properly installed, repaired as needed, and maintained to prevent the possibility of unsafe water from entering the public water supply. **See Attachment #2** LAC 51:XII.319.D.2 and LAC 51:XII.343.A - There shall be no physical connection between a public water supply and any other water supply which is not of equal sanitary quality and under an equal degree of official supervision; and there shall be no connection or arrangement by which unsafe water, hazardous fluid or contamination may enter a public water supply system.
FACILITY	CATEGORY	FINDINGS
1103079-004 - WELL AT KOOP DRIVE	Source	There was a hole in the grading around the well slab at the time of inspection. Grade the well site to prevent standing water and facilitate drainage away from the well. **See Attachment #3** LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. The well site grading... shall be maintained to prevent the introduction of contamination into the well casing and discharge piping

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	At the time of inspection, the rotating pump shaft covering at 1103096-002 Ozone well was broken, presenting a risk to employee safety. Belts, gears, rotating shafts, and electrical wiring should have proper shields to prevent injury. **See Attachment #4** LAC 51:XII.157.B - The design shall comply with all applicable safety codes and regulations that include, but are not limited to, the codes adopted under the authority of Act 12 of the 2005 First Extraordinary Session, State Fire Marshal regulations (see LAC 55:V), National Fire Protection Association (NFPA) standards, and federal Occupational Health and Safety Administration (OSHA) standards.
FACILITY	CATEGORY	FINDINGS
EL001 - KOOP DR WELL SITE	Finished Water Storage	The elevated storage tank vent terminated horizontally at the time of inspection. Provide a downward facing vent, terminating at least 24 inches above the roof or ground surface. **See Attachment #5** LAC 51:XII.337.C - Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures.
FACILITY	CATEGORY	FINDINGS
EL001 - KOOP DR WELL SITE	Finished Water Storage	The elevated storage tank vent was not equipped with a screen at the time of inspection. Provide a compliant vent covered with four mesh non-corrodible screen, or with finer mesh in combination with an automatically resetting pressure vacuum relief mechanism. **See Attachment #5** LAC 51:XII.225.K.6. - The vents shall, on elevated tanks and standpipes, open downward, and be fitted with either four mesh non-corrodible screen, or with finer mesh non-corrodible screen in combination with an automatically resetting pressure vacuum relief mechanism, as required by the state health officer.
FACILITY	CATEGORY	FINDINGS
TP006 - OZONE PARK (WALNUT ST) TREATMENT PLANT	Treatment	The chlorine solution did not have an overflow and a receiving basin capable of receiving accidental spills at the time of inspection. Provide required overflow and receiving basin. **See Attachment #6** LAC 51:XII.I.203.I.4.b - Liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank.

FACILITY	CATEGORY	FINDINGS
TP005 - HELENBIRG TREATMENT PLANT	Treatment	The chlorine solution did not have an overflow and a receiving basin capable of receiving accidental spills at the time of inspection. Provide required overflow and receiving basin. **See Attachment #7** LAC 51:XII.I.203.I.4.b - Liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank.
FACILITY	CATEGORY	FINDINGS
TP003 - SOULT STREET WELL	Treatment	The chlorine solution did not have an overflow and a receiving basin capable of receiving accidental spills at the time of inspection. Provide required overflow and receiving basin. **See Attachment #8** LAC 51:XII.I.203.I.4.b - Liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank.
FACILITY	CATEGORY	FINDINGS
TP001 - BRIARWOOD TERRACE WELL#1 (OF 4)	Treatment	The chlorine solution did not have an overflow and a receiving basin capable of receiving accidental spills at the time of inspection. Provide required overflow and receiving basin. **See Attachment #9** LAC 51:XII.I.203.I.4.b - Liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with

regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.

2. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: Management

Category: Other

Attachment Comments: A valve on the 1103096-003 Helenbirg well discharge line was leaking at the time of inspection. The leak must be repaired; interruption of service to customers should be minimized.



Attachment #2

Severity: Significant

Facility ID: DS0950 – DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: There was a threaded tap on the 1103079-004 Koop well at the time of inspection. Appropriate backflow prevention device(s) must be properly installed, repaired as needed, and maintained to prevent the possibility of unsafe water from entering the public water supply.



Attachment #3

Severity: Significant

Facility ID: 1103079-004 - WELL AT KOOP DRIVE

Category: Source

Attachment Comments: There was a hole in the grading around the well slab at the time of inspection. Grade the well site to prevent standing water and facilitate drainage away from the well.



Attachment #4

Severity: Minor

Facility ID: Management

Category: System Management and Operation

Attachment Comments: At the time of inspection, the rotating pump shaft covering at 1103096-002 Ozone well was broken, presenting a risk to employee safety. Belts, gears, rotating shafts, and electrical wiring should have proper shields to prevent injury.



Attachment #5

Severity: Minor

Facility ID: EL001 - KOOP DR WELL SITE

Category: Finished Water Storage

Attachment Comments: The elevated storage tank vent terminated horizontally and was not screened at the time of inspection. Please ensure the vent terminates downward and has a four mesh non-corrodible screen.



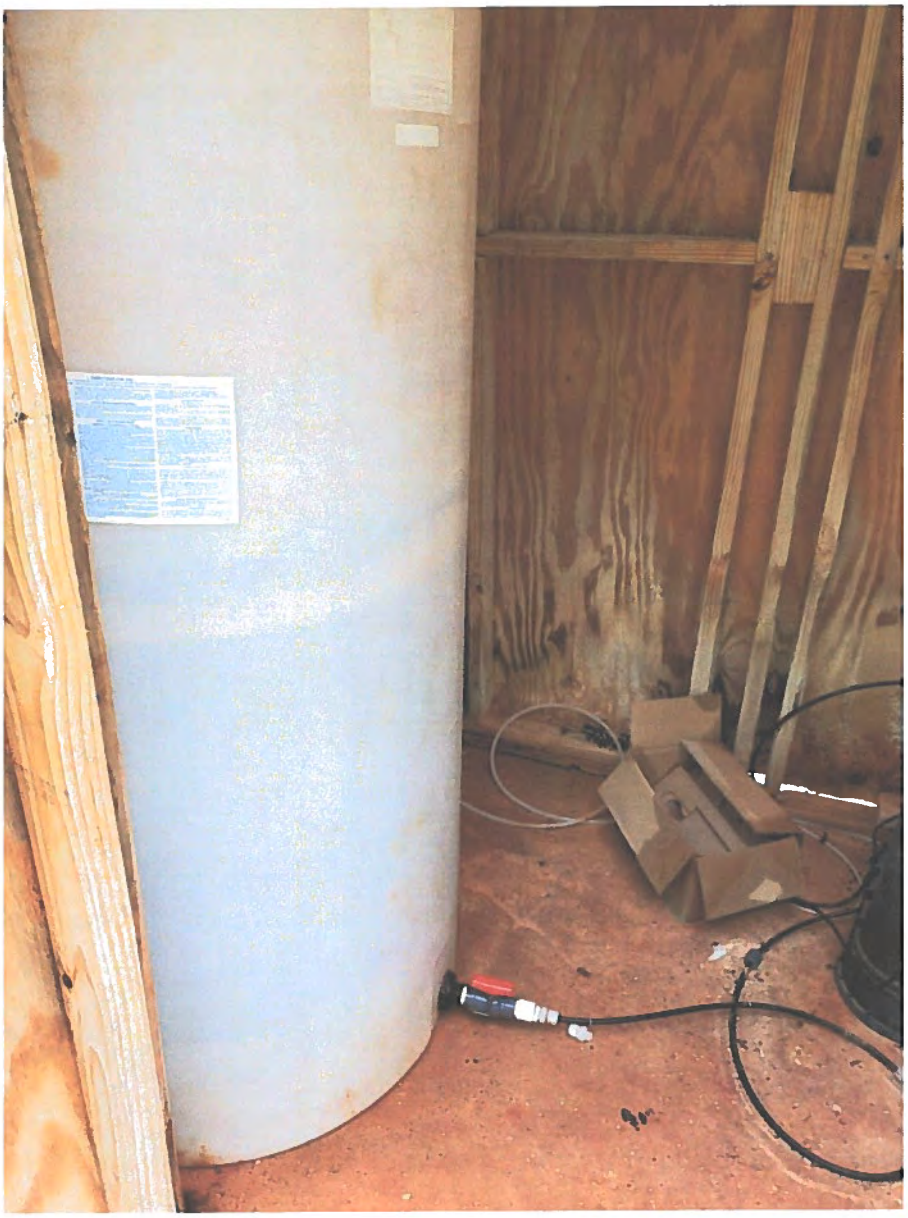
Attachment #6

Severity: Minor

Facility ID: OZONE PARK (WALNUT ST) TREATMENT PLANT

Category: Treatment

Attachment Comments: The chlorine solution did not have an overflow and a receiving basin capable of receiving accidental spills at the time of inspection. Provide required overflow and receiving basin.



Attachment #7

Severity: Minor

Facility ID: HELENBIRG TREATMENT PLANT

Category: Treatment

Attachment Comments: The chlorine solution did not have an overflow and a receiving basin capable of receiving accidental spills at the time of inspection. Provide required overflow and receiving basin.



Attachment #8

Severity: Minor

Facility ID: SOULT STREET WELL

Category: Treatment

Attachment Comments: The chlorine solution did not have an overflow and a receiving basin capable of receiving accidental spills at the time of inspection. Provide required overflow and receiving basin.



Attachment #9

Severity: Minor

Facility ID: BRIARWOOD TERRACE WELL#1 (OF 4)

Category: Treatment

Attachment Comments: The chlorine solution did not have an overflow and a receiving basin capable of receiving accidental spills at the time of inspection. Provide required overflow and receiving basin.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7018 1830 0001 0580 8875

December 3, 2019

Darren "Kelly" Johnson
CENTRAL PARK SUBDIVISION
PO Box 801
Loranger, LA 70466

Re: Class I Sanitary Survey
CENTRAL PARK SUBDIVISION Public Water System
PWS ID LA1103088
ST TAMMANY Parish

Dear Mr. Johnson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 26, 2019 sanitary survey inspection of the public water supply system for Central Park Subdivision. The intent of these surveys is to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Darren "Kelly" Johnson	Parks Waterworks

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1103088-002 - CENTRAL PARK WELL #2 (OF 2)	Source	There was no secondary source of water at the time of inspection. Provide for at least two (2) approved sources of water. Consult with a licensed Professional Engineer (LA) or licensed well driller as necessary. Discuss actions with LDH prior to taking action. Please contact LDH for questions related to public notification in lieu of construction. LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless otherwise specified by the state health officer.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

In accordance with the provisions found in ACT No. 292, Central Park Subdivision shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that the system has implemented with respect to the matters detailed in the complaint. Central Park Subdivision shall retain the complaint records for at least five

years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9001436	04/02/2019	CCR REPORT	

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,

Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1741

November 4, 2019

Tim Brown
ST TAM PARISH PINELAND PARK SUBD
620 N Tyler St
Covington, LA 70433

Re: Class I Sanitary Survey
ST TAM PARISH PINELAND PARK SUBD Public Water System
PWS ID LA1103093
ST TAMMANY Parish

Dear Mr. Brown:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 24, 2019 sanitary survey inspection of the public water supply system for Pineland Park. The intent of these surveys is to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Ariel Bennett	Tammany Utilities
Aaron Davis	Tammany Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	A section of the fence surrounding the Highway 22 well site was in disrepair at the time of inspection. A continuous, lockable security fence must be provided around the facility for protection against unauthorized access. **See Attachment #1** LAC 51:XII.319.D.2 and LAC 51:XII.315.A - All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked; said areas shall be locked when unattended. The fence shall be resistant to climbing and at least 6 feet high.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - PINELAND PARK S/D (HWY 22)	Treatment	Sodium hypochlorite was leaking out of the chemical storage shed at the time of inspection. Please ensure that the grout joining the storage shed with the concrete slab forms a tight seal. LAC 51:XII.I.203.I.4.b - Liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

The grading under the hydropneumatic tank had standing water at the time of inspection. It is recommended that the ground be filled to prevent standing water.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Security

Attachment Comments: A section of the fence surrounding the Highway 22 well site was in disrepair at the time of inspection. A continuous, lockable security fence must be provided around the facility for protection against unauthorized access.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8150

March 25, 2019

Ken Clark
LAZY WHEELS TRAILER PARK
4123 Walnut Street
Slidell, LA 70461

Re: Class I Sanitary Survey
LAZY WHEELS TRAILER PARK Public Water System
PWS ID LA1103095
ST TAMMANY Parish

Dear Mr. Clark:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 14, 2019 sanitary survey inspection of the public water supply system for LAZY WHEELS TRAILER PARK (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Ken Clark	Owner

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Operator Compliance with State Requirements	Per LAC 51: XII.309.A, all public water supplies shall be under the supervision and control of a duly certified operator as per requirements of the State Operator Certification Act, Act 538 of 1972, as amended. There was no certified operator associated with this water supply at the time of inspection. The water system shall retain a Certified Operator.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	There was no standby power supply available at the time of inspection. Per LAC51:XII.135.A. Dedicated Standby power shall be provided by any community water supply and any non-community water supply serving a hospital so that water may be treated and/or pumped to the distribution system during outages to meet the average daily demand during the month of maximum water use. To ensure continuous service when the primary power has been interrupted, a standby power supply shall be provided through connection to at least two independent public power sources, or portable or in-place auxiliary power.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	There was no written cross connection control plan at the time of inspection. Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods per LAC 51: XII.344.
FACILITY	CATEGORY	FINDINGS
TP001 - LAZY WHEELS TP	Treatment	Per LAC 51:XII.325.A, chemicals used in the treatment of water to be used for potable purposes shall either meet the standards of the American Water Works Association or meet NSF 60 requirements as verified by an ANSI accredited testing agency. The disinfectant used for continuous disinfection of the water supply was not an approved drinking water treatment chemical. The system shall discontinue the use of the unapproved chemical and start to use disinfectant from an approved source. **See Attachment #1**

FACILITY	CATEGORY	FINDINGS
1103095-001 - LAZY WHEELS WELL	Source	At the time of inspection, there was no secondary source of water. When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided per LAC 51:XII.169.B.2.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, the chlorine residual at POE, MRT and ACR were not monitored and recorded on the state approved forms. Per LAC 51: XII.367.A, a public water system shall measure the residual disinfectant concentration within the distribution system at least once per day. Chlorine residuals must be monitored daily at the water production (POE) site and a critical point (MRT)-- the furthest location in the water system. An additional chlorine residual check must be made monthly at the ACR site.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Per LAC 51:XII.903.A - Public water systems shall collect routine total coliform samples at sites which are representative of water throughout the distribution system in accordance with a written monitoring plan approved by the state health officer. However, it was noted that the locations of the systems sampling taps were not matching the systems monitoring plan of coliform routine compliance at the time of inspection. Please install appropriate taps per approved monitoring plans.
FACILITY	CATEGORY	FINDINGS
HD001 - LAZY WHEELS	Finished Water Storage	Per LAC 51:XII.229.E, each tank shall have an access manhole, a drain, and control equipment consisting of a pressure gauge, water sight glass, automatic or manual air blow-off, means for adding air, and pressure operated start-stop controls for the pumps. However, no air volume control was installed on the tank at the time of inspection. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
HD002 - HD002	Finished Water Storage	Per LAC 51:XII.229.E, each tank shall have an access manhole, a drain, and control equipment consisting of a pressure gauge, water sight glass, automatic or manual air blow-off, means for adding air, and pressure operated start-stop controls for the pumps. However, no air volume control was installed on the tank at the time of inspection. **See Attachment #3**

FACILITY	CATEGORY	FINDINGS
1103095-001 - LAZY WHEELS WELL	Source	Per LAC 51:XII.327.A.12., the openings of the vent pipes shall face downward and shall be screened to prevent the entrance of foreign matters. However, at the time of inspection, the well vent screen was missing. A 24 mesh, corrosion resistant screen shall be installed. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
1103095-001 - LAZY WHEELS WELL	Source	There was no flow meter on the well discharge piping at the time of inspection. The well discharge piping shall be equipped with a means of measuring flow per LAC 51:XII.169.H.3.iv.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

It is highly recommended that the system perform dosage calculation and set an appropriate chlorine feeding rate to maintain the required chlorine residual.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
1004699	10/02/2018	CHLORINE	09/01/2018 - 09/30/2018
1004698	10/02/2018	REVISED TOTAL COLIFORM RULE (RTCR)	09/01/2018 - 09/30/2018
1004703	03/14/2019	CHLORINE	03/01/2019 - 03/31/2019

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
1004702	01/02/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	12/01/2018 - 12/31/2018
1004701	11/19/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	11/01/2018 - 11/30/2018
1004700	10/24/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	10/01/2018 - 10/31/2018
1004697	08/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

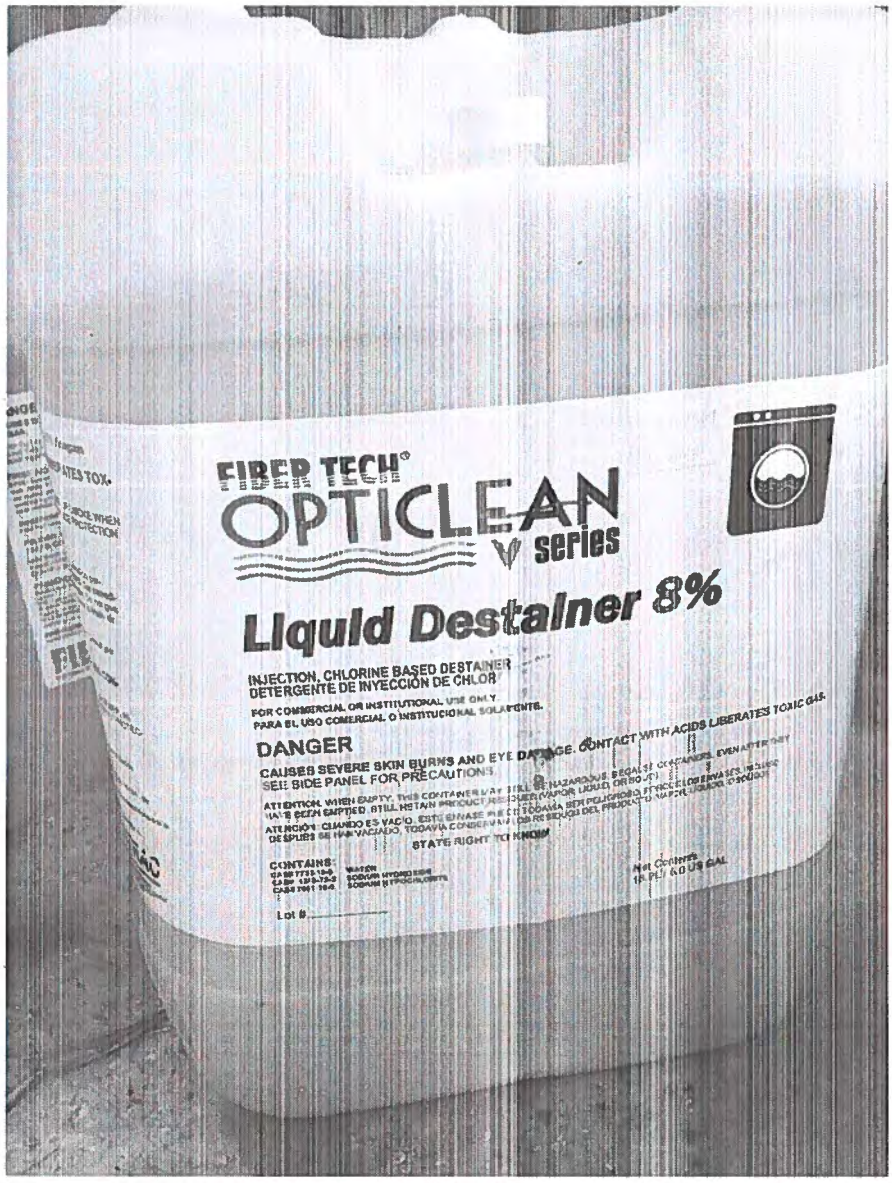
Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



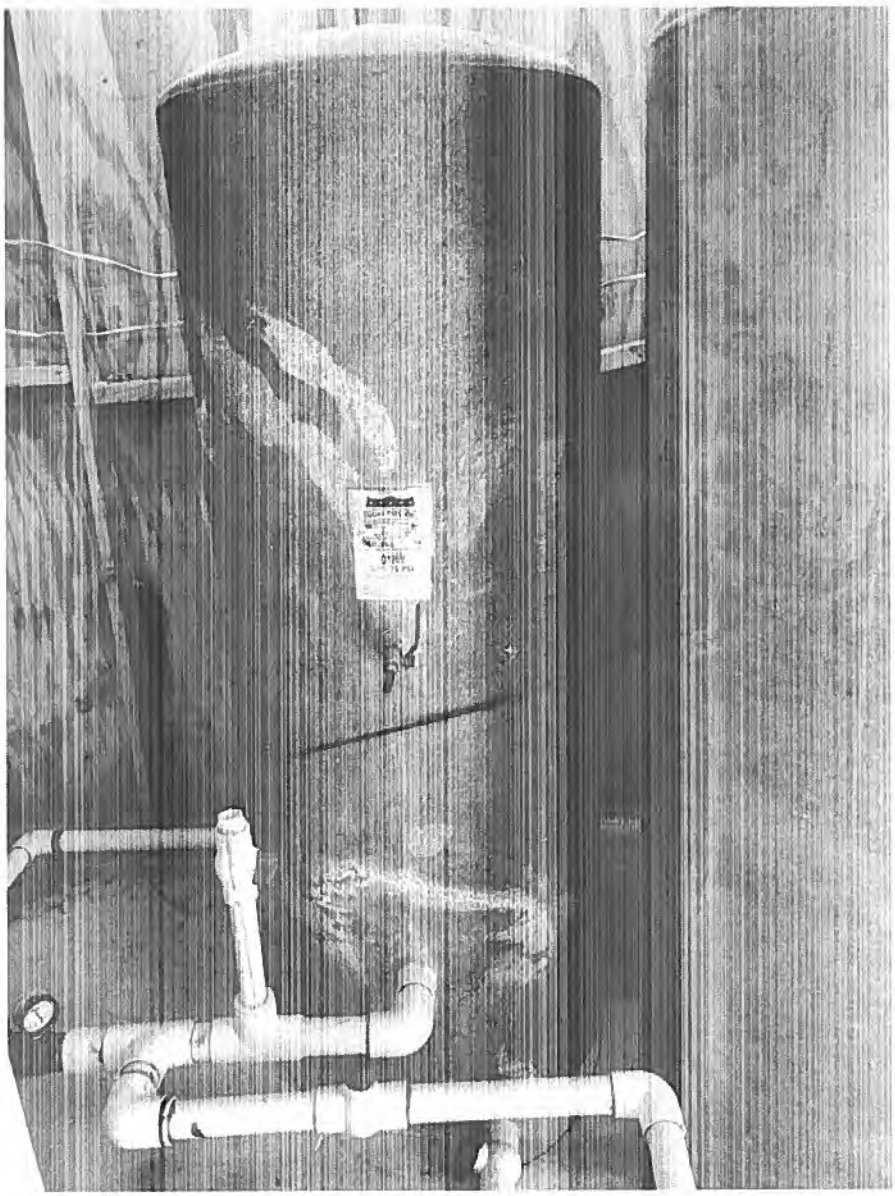
Attachment #1

Severity: Significant

Facility ID: LAZY WHEELS TP

Category: Treatment

Attachment Comments: The disinfectant was not approved.



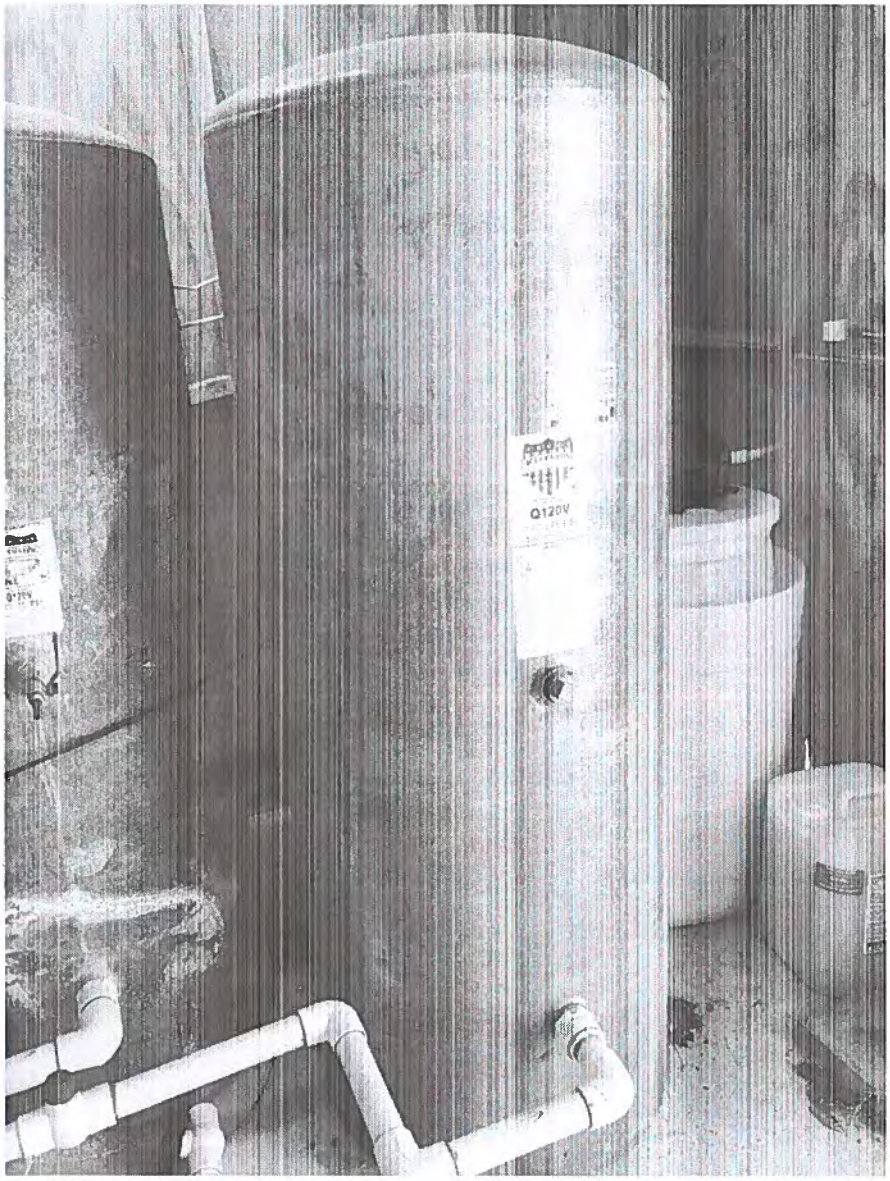
Attachment #2

Severity: Minor

Facility ID: LAZY WHEELS

Category: Finished Water Storage

Attachment Comments: There was no air-volume control on the tank at the time of inspection.



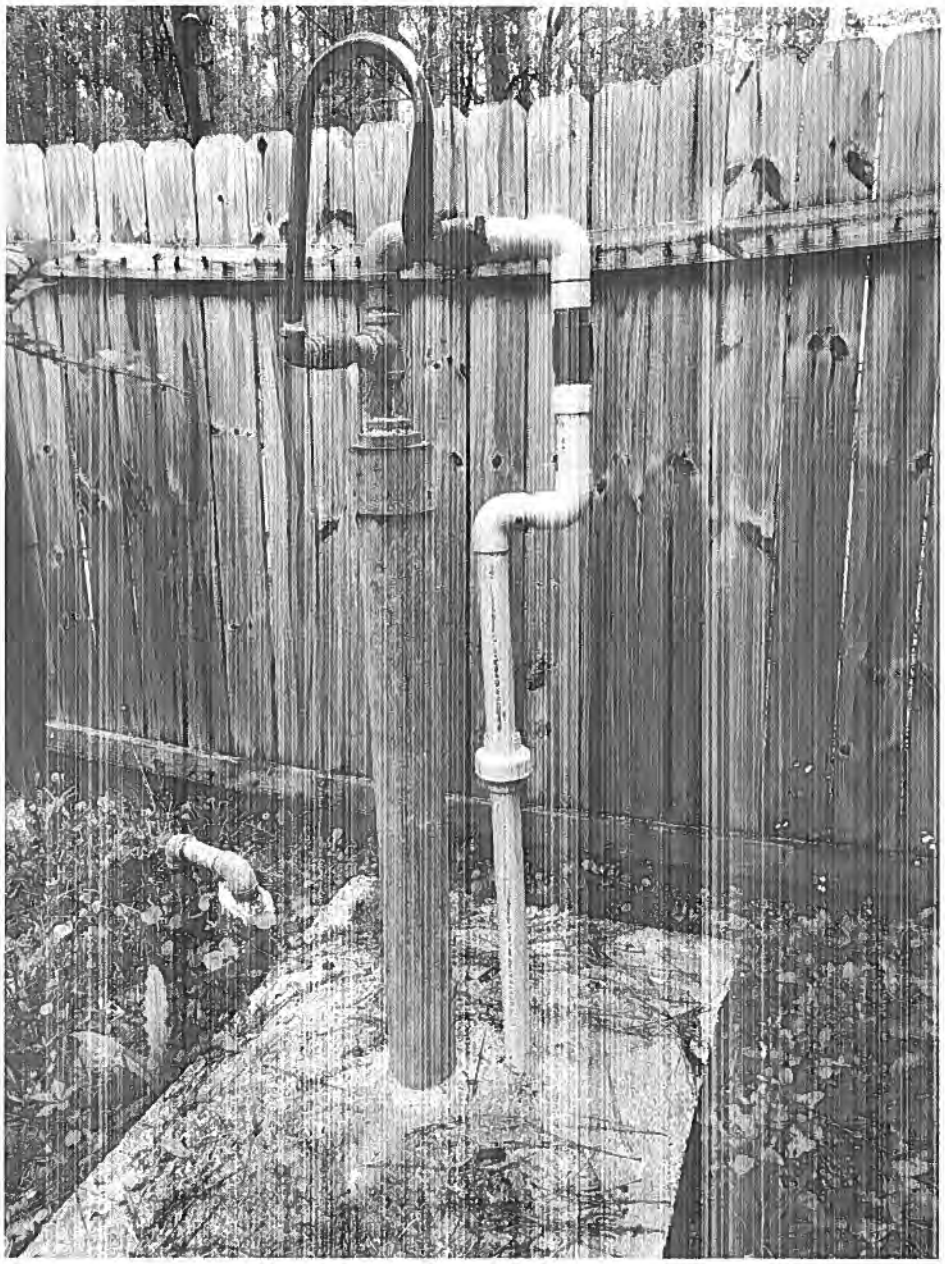
Attachment #3

Severity: Minor

Facility ID: HD002

Category: Finished Water Storage

Attachment Comments: There was no air-volume control on the tank at the time of inspection.



Attachment #4

Severity: Minor

Facility ID: LAZY WHEELS WELL

Category: Source

Attachment Comments: The well vent was not screened at the time of inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 1830 0001 0580 9193

September 9, 2019

John Earl Miller, Sr.
THE MEADOWS
142 W. Howze Beach Rd.
Slidell, LA 70458

Re: Class I Sanitary Survey
THE MEADOWS Public Water System
PWS ID LA1103106
ST TAMMANY Parish

Dear Mr. Miller,

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 30, 2019 sanitary survey inspection of the public water supply system for THE MEADOWS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
John Earl Miller, Sr.	Coast Water Works

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1103106-001 - MEADOWS WELL	Source	The discharge piping that leads to the hydropneumatic tank showed signs of corrosion at the time of inspection. The piping shall be painted to prevent rust and corrosion. **See Attachment #1** LAC 51:XII.169.H.3.a.iii - The discharge piping shall be protected against the entrance of contamination.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, PWS shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that PWS has implemented with respect to the matters detailed in the complaint. PWS shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written preventive maintenance (PM) program. Maintenance programs should be based on manufacturers' recommended maintenance tasks. Proper maintenance of pumps and accessories will minimize system failures and sanitary deficiencies. All maintenance activities should be documented.

2. Well pumping tests are currently not performed. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years.

3. Tank inspections are currently not performed. Hydropneumatic tanks and their components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1812824-001	Routine	11/13/2018		1.750	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,

Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: MEADOWS WELL

Category: Source

Attachment Comments: The discharge piping that leads to the hydropneumatic tank showed signs of corrosion at the time of inspection. The piping shall be painted to prevent rust and corrosion.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1468

September 26, 2019

Alex Williams
UTILITIES INC - OAKMONT SUBD
201 Holiday Boulevard, Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
UTILITIES INC - OAKMONT SUBD Public Water System
PWS ID LA1103108
ST TAMMANY Parish

Dear Mr. Williams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 26, 2019 sanitary survey inspection of the public water supply system for UTILITIES INC - OAKMONT SUBD (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Mike Brandt	Utilities Inc Of La

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

2. Develop and implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8068

March 4, 2019

Art Price
SOUTHERN MANOR M H P
60375 N. Military Road
Slidell, LA 70461

Re: Class I Sanitary Survey
SOUTHERN MANOR M H P Public Water System
PWS ID LA1103111
ST TAMMANY Parish

Dear Mr. Price:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 26, 2019 sanitary survey inspection of the public water supply system for SOUTHERN MANOR M H P (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Jie Gu	LDH-OPH Region IX Engineer
Rene Peytral	PRJ Contracting, Inc.

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/18/2016	03/18/2016	Sanitary Survey, Finished	Minor	Treatment	TP001-SOUTHERN MANOR TREATMENT PLANT
Comments: Secondary containment is required for liquid disinfectant storage.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of inspection, the water system did not have an approved cross connection prevention program. The water system is to develop and implement a cross connection prevention program.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

There are no formal records of flushing. We recommend that flushing records be kept for complaint correlation and routine maintenance.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,

Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering
Jie Gu, P.E., Region IX Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 701503010 0000 4003 7607

May 30, 2019

Alex Williams
UTILITIES INC - BEAU VILLAGE
201 Holiday Boulevard, Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
UTILITIES INC - BEAU VILLAGE Public Water System
PWS ID LA1103113
ST TAMMANY Parish

Dear Mr. Williams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 16, 2019 sanitary survey inspection of the public water supply system for UTILITIES INC - BEAU VILLAGE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Mike Brandt	Utilities Inc Of La

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	There was no standby power supply available at the time of the inspection. Per LAC51:XII.135.A, dedicated standby power shall be provided by any community water supply and any non-community water supply serving a hospital so that water may be treated and/or pumped to the distribution system during outages to meet the average daily demand during the month of maximum water use. To ensure continuous service when the primary power has been interrupted, a standby power supply shall be provided through connection to at least two independent public power sources, or portable or in-place auxiliary power.
FACILITY	CATEGORY	FINDINGS
1103113-001 - BEAU VILLAGE WELL	Source	At the time of the inspection, there was no secondary source of water. When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided per LAC 51:XII.169.B.2.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of the inspection, the chlorine residuals for POE, MRT and ACR were monitored by the system administrator but were not recorded on the state approved forms per LAC 51:XII.367.D. Residuals must be recorded on the "LDH Approved Chlorine Residual Forms", which can be downloaded at http://new.dhh.louisiana.gov/index.cfm/page/1725.
FACILITY	CATEGORY	FINDINGS
1103113-001 - BEAU VILLAGE WELL	Source	The well pump and discharge pipping were not properly supported at the time of the inspection. The upper terminal well construction shall be protected from physical damage as required by the state health officer. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1103113-001 - BEAU VILLAGE WELL	Source	There was no flow meter on the well discharge pipe at the time of the inspection. The well discharge piping shall be equipped with a means of measuring flow per LAC 51:XII.169.H.3.iv.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

Signs of rust were noted at the time of the inspection, it is highly recommended that the tank be evaluated and necessary repair and repaint be done per the evaluation report.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

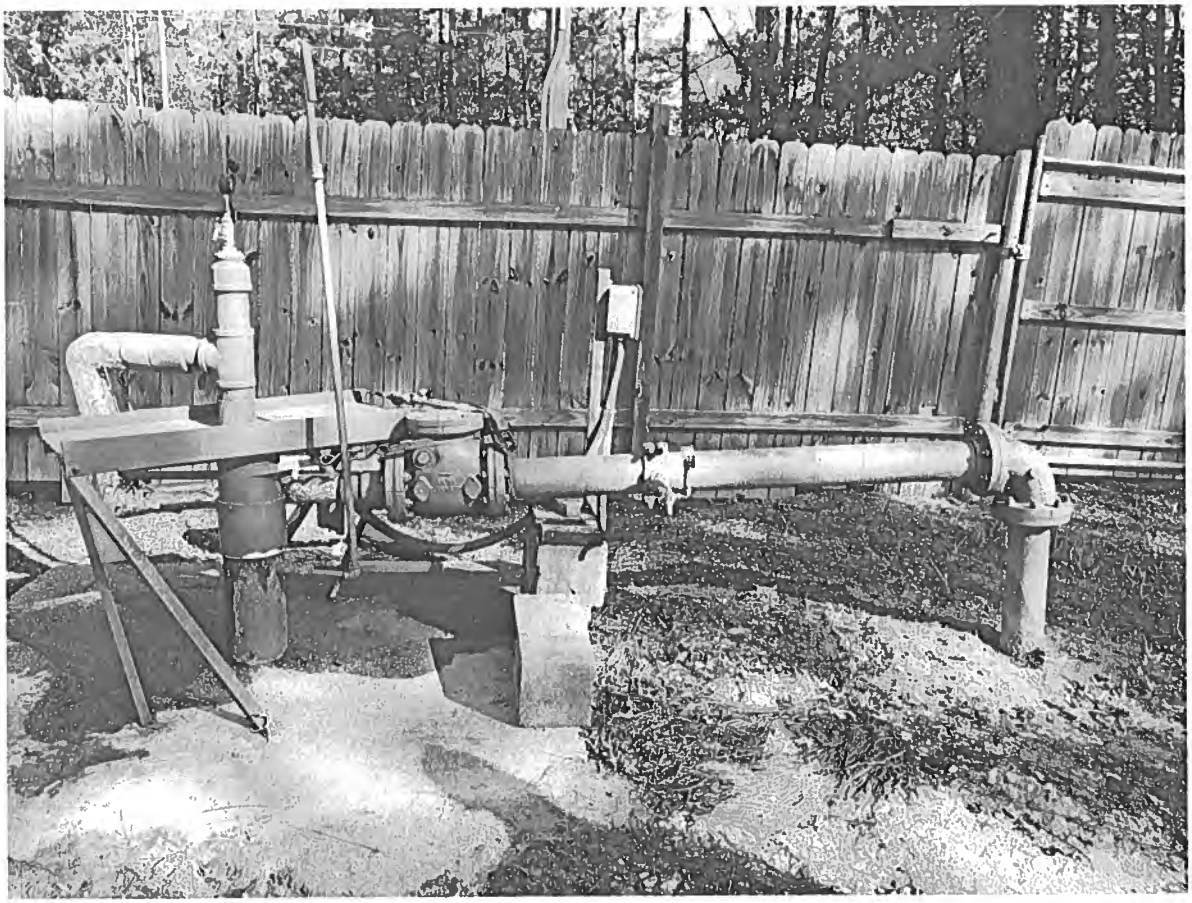
Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: BEAU VILLAGE WELL

Category: Source

Attachment Comments: The well pump and discharge pipping were not properly supported at the time of the inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7005 1820 0002 1133 7145

November 26, 2019

Kelly Mchugh
H2O SYSTEMS INC - GREENLEAVES UTILITIES
845 Galvez St
Mandeville, LA 70448

Re: Class I Sanitary Survey
H2O SYSTEMS INC - GREENLEAVES UTILITIES Public Water System
PWS ID LA1103118
ST TAMMANY Parish

Dear Mr. Mchugh:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 21, 2019 sanitary survey inspection of the public water supply system for H2O SYSTEMS INC - GREENLEAVES UTILITIES (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Ronald Lloyd	H2O Systems, Inc

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
04/30/2013	05/21/2013	Sanitary Survey, Finished	Minor	Source	1103118-002-MEADOWBROOK WELL
Comments: This office has no record of the well having been registered. Please provide this office with a copy of the well registration documentation.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The air release valve at the Greenleaves wellhead was leaking at the time of the inspection and the inspector was notified by the operator that system was planning to replace it. The leak has to be repaired as soon as possible. All potable water systems shall be designed, constructed and maintained so as to prevent leakage of water due to defective materials, improper jointing, corrosion, settling, impacts, freezing, or other causes. Valves and blow-offs shall be provided so that necessary repairs can be made with a minimum interruption of service. **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TP AT GREENLEAVES WELL	Treatment	There were no scales provided for the gas cylinders at the Greenleaves well site. Please install required weighing scale(s). Per LAC 51:XII.203.B.5.a, weighing scales shall be provided for weighing cylinders at all plants utilizing chlorine gas. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
TP002 - TP MEADOWBROOK WELL	Treatment	There were no scales provided for the gas cylinders at the Meadowbrook well site. Please install required weighing scale(s). Per LAC 51:XII.203.B.5.a, weighing scales shall be provided for weighing cylinders at all plants utilizing chlorine gas. **See Attachment #3**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. The system was feeding blended phosphate to the water; however the storage of the phosphate was not covered from sunlight at the time of the inspection. Increasing temperature and exposure to UV may degrade the product strength. It is recommended to store the phosphate out of direct sunlight and provide a receiving basin to receive accidental spills.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments

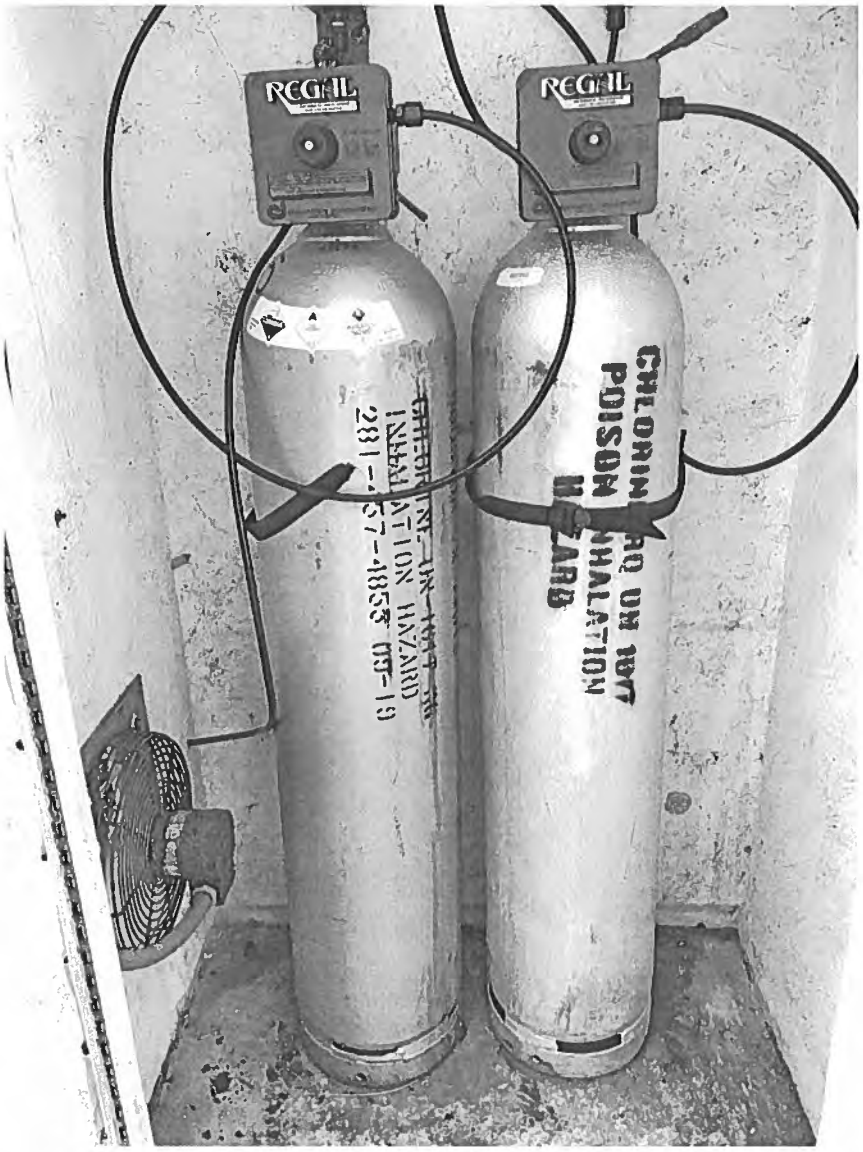


Attachment #1

Severity: Significant

Category: Other

Attachment Comments: The air release valve at the Greenleaves wellhead was leaking at the time of the inspection.



Attachment #2

Severity: Minor

Facility ID: TP AT GREENLEAVES WELL

Category: Treatment

Attachment Comments: There were no scales provided for the gas cylinders at the Greenleaves well site.



Attachment #3

Severity: Minor

Facility ID: TP AT MEADOWBROOK WELL

Category: Treatment

Attachment Comments: There were no scales provided for the gas cylinders at the Meadowbrook well site.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70190700000059891567

July 3, 2019

Gayle Davidson
TESI RIGOLETS ESTATES
P.O. Box 14059
Baton Rouge, LA 70898-4059

Re: Class I Sanitary Survey
TESI RIGOLETS ESTATES Public Water System
PWS ID LA1103122
ST TAMMANY Parish

Dear Ms. Davidson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 14, 2019 sanitary survey inspection of the public water supply system for TESI RIGOLETS ESTATES (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
Corey Harris	LDH OPH Region 9 Engineering
Rocha "Jr." Gonzalo	Tesi Operator

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/04/2016	08/30/2016	Sanitary Survey, Finished	Significant	Source	1103122-001-RIGOLETS EST WELL
Comments: LAC 51:XII.327.A.2 - Every potable water well, and the immediate appurtenances thereto that comprise the well, shall be located at a safe distance from all possible sources of contamination, including but not limited to, privies, cesspools, septic tanks, subsurface tile systems, sewers, drains, barnyards, and pits below the ground surface. The horizontal distance from any such possible source of pollution shall be as great as possible, but in no case less than the following minimum distances, except as otherwise approved by the state health officer. See attached site overview picture that appears to note that well in less than 100 feet from a mechanical treatment plant. Please address.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
08/04/2016	08/30/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	HD001-HYDROPNEUMATIC
Comments: Each tank should have an access manhole, a drain, and control equipment consisting of a pressure gauge, water sight glass, automatic or manual air blow-off, means for adding air, and pressure operated start-stop controls for the pumps. Where practical the access manhole should be 24 inches in diameter. AWWA states that tanks should be washed out & inspected at least every three years. Please address.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/27/2013	04/24/2013	Sanitary Survey, Finished	Minor	Source	1103122-001-RIGOLETS EST WELL
Comments: A second source of water shall be provided for all community water supplies. A consecutive connection or a second well is needed to meet this requirement. All plans and specifications for a second source shall be submitted and approved by this office.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	LAC 51:XII.343.A - There shall be no physical connection between a public water supply and any other water supply which is not of equal sanitary quality and under an equal degree of official supervision. And there shall be no connection or arrangement by which unsafe water may enter a public water supply system. During the inspection a garden hose is connected to the hydropneumatic storage tank and terminates onto the ground. Disconnect the garden hose to protect the

		water supply distribution system from potential backsiphonage of a non-potable source. Additionally, provide a hose bib vacuum breaker to the threaded tap. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
HD001 – HYDRO-PNEUMATIC	Finished Water Storage	LAC 51:XII.337.C - Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures. During the inspection it appeared that the pressure relief valve lacked the appropriate screening which can lead to the entrance of contaminants in the hydropneumatic tank. A cap or screen shall be provided on the relief valve to prevent possible contamination. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1103122-001 - RIGOLETS EST WELL	Source	LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless and LDH-approved annual public notice is provided to customers. During the inspection a second source for Tesi Rigolets Estates is not available. A minimum of two approved and active groundwater wells shall be provided for all community systems and shall be approved by the LA Department of Health prior to the completion of connection.
FACILITY	CATEGORY	FINDINGS
1103122-001 - RIGOLETS EST WELL	Source	LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. During the inspection a well slab is not provided at Rigolets Estates well. Furthermore, the well site was surrounded by standing water due to the excessive

		water flow produced by the packing gland on the vertical shaft. To prevent contamination into the well casing or discharge piping, the packing gland around the vertical shaft needs to be adjusted and tightened. In addition, a slab shall be provided above grade that will allow adequate draining of any excess water. **See Attachment #4 and #8**

Deficiencies

FACILITY	CATEGORY	FINDINGS
1103122-001 - RIGOLETS EST WELL	Source	LAC 51:XII.169.E.8.D - Protection from physical damage shall be provided as required by the reviewing authority. During the inspection the vertical shaft at Rigolets Estate well exhibited rust and corrosion. The well and its appurtenances must be cleaned and repainted to prevent further deterioration. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1103122-001 - RIGOLETS EST WELL	Source	LAC 51:XII.177.A.10.E - The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained. During the inspection a flow meter is not provided on the discharge line at the Rigolets Estate Well. The discharge piping shall be equipped with a flow meter capable of measuring and totalizing the flow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that PWS is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. The hydropneumatic tank(s) shall have bypass piping to permit operation of the system while the tank is being repaired or painted

2. Chlorine gas feed and storage shall be enclosed and separated from other operating areas. The chlorine room shall be provided with a shatter resistant inspection window installed in an interior wall, constructed in such a manner that all openings between the chlorine room and the remainder of the plant are sealed, and provided with doors equipped with panic hardware, assuring ready means of exit and opening outward only to the building exterior. During the inspection the chlorine room was not equipped with switches for a fan and a light on the building's exterior. A proper label or an inspection window is not provided. **See Attachment #2**

3. Full and empty cylinders of chlorine gas should be isolated from operating areas, restrained in position to prevent upset, stored in rooms separate from ammonia storage, and stored in areas not in direct sunlight or exposed to excessive heat. **See Attachment #7**

4. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

5. A well pumping test is currently not performed - pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

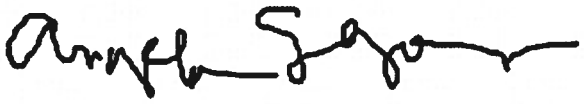
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
1004044	08/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

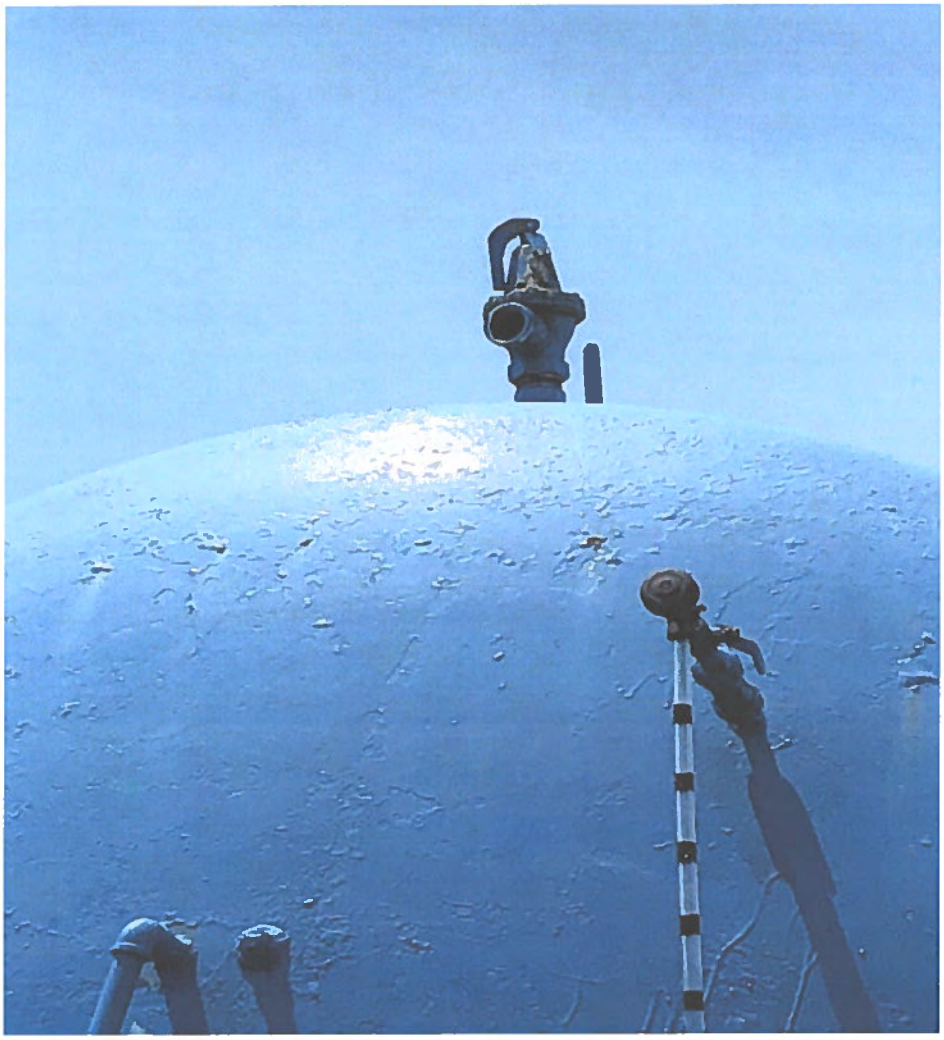
Respectfully,



Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: HYDROPNEUMATIC

Category: Finished Water Storage

Attachment Comments: The pressure relief valve lacked a screen on the hydropnuematic tank.



Attachment #2

Severity: Recommendations

Facility ID: TREATMENT PLANT #1

Category: Treatment

Attachment Comments: The chlorine house is not properly constructed for housing chlorine gas.



Attachment #3

Severity: Minor

Facility ID: RIGOLETS EST WELL

Category: Source

Attachment Comments: Rust and corrosion is visible at the well site.



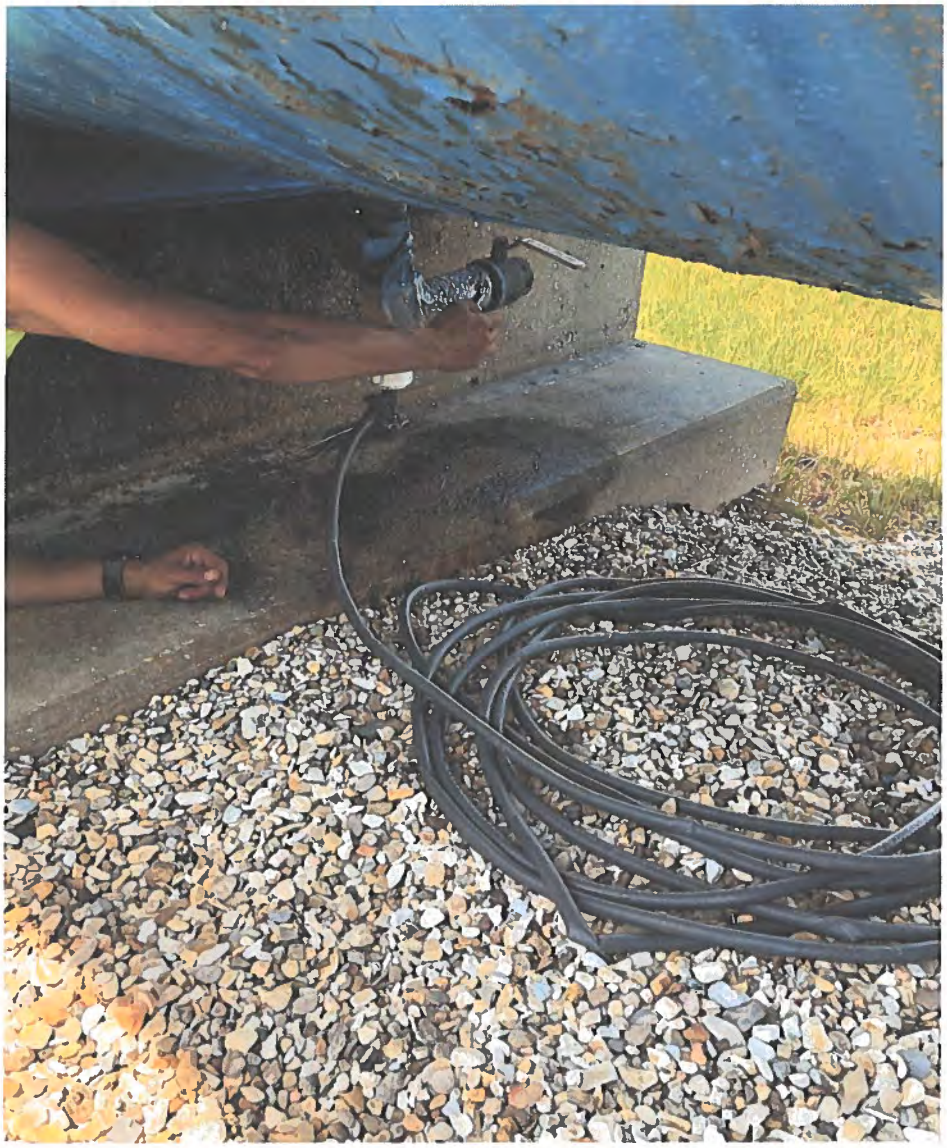
Attachment #4

Severity: Significant

Facility ID: RIGOLETS EST WELL

Category: Source

Attachment Comments: A slab is not provide at the well site.



Attachment #5

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: A garden hose is connected to the hydropnuematic tank.



Attachment #7

Severity: Recommendations

Facility ID: TREATMENT PLANT #1

Category: Treatment

Attachment Comments: Chlorine gas cylinders are not properly stored.



Attachment #8

Severity: Significant

Facility ID: RIGOLETS EST WELL

Category: Source

Attachment Comments: Excessive water leak at the vertical pump.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70190700000059891789

August 12, 2019

Robert Claitor, Jr
MARINA DEL RAY WATER SYSTEM
100 Marina Del Ray Blvd
Madisonville, LA 70448

Re: Class I Sanitary Survey
MARINA DEL RAY WATER SYSTEM Public Water System
PWS ID LA1103123
ST TAMMANY Parish

Dear Mr. Claitor, Jr:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 8, 2019 sanitary survey inspection of the public water supply system for MARINA DEL RAY WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
Jeff Bertoniere	Curtis Environmental Services
Louis Martin	Marina Del Ray

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The water system must develop a written cross connection control plan outlining the backflow prevention policies and procedures. The water system must implement the plan and maintain documentation of customers surveyed, identification of customers requiring backflow prevention devices, a record of annual testing for each device, and enforcement actions taken at non-compliant connections. Per LAC 51:XII.344.B - In order to protect its water supply from potential contamination, each water supplier shall develop and implement a written backflow prevention plan outlining the policies and procedures it will use to verify that its customers comply with mandatory containment practices.
FACILITY	CATEGORY	FINDINGS
1103123-001 - MARINA DEL RAY WELL #1	Source	Provide for at least two (2) approved sources of water. Consult with a licensed Professional Engineer (LA) or licensed well driller as necessary. Discuss actions with LDH prior to taking action. Please contact LDH for questions related to public notification in lieu of construction. Per LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless otherwise specified by the state health officer.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection records were not available but a request was made from the operator for them to be sent our office via email. Another request may be made at a later time and further comments may arise. Per LAC 51:XII.1505.D - An approved chemical laboratory/drinking water shall ensure that records and reports are satisfactorily maintained and retrievable. Copies of records and reports for any off-site approved chemical laboratory/drinking water shall be filed in a folder identifying the public water system by name as well as its public water system identification number (PWS ID #).

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, Marina Del Ray Water System shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that PWS has implemented with respect to the matters detailed in the complaint. PWS shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.
2. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that Marina Del Ray Water System is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a

valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.

2. It is recommended to keep all files organized and easily accessible.

3. Develop and implement a written valve exercising program. A valve exercise program will help locate closed values and ensures looped pipelines are operating as designed.

4. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years.

5. It is recommended the system develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

6. Develop and implement a written inspection program for the ground storage tank. For steel tanks AWWA M42 recommends the maximum interval for periodic inspections of the tank interior should normally be three (3) years. It is usually advisable to wash out the tank at the time of inspection.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9001832	04/02/2019	CCR REPORT	
9001831	01/22/2019	LEAD CONSUMER NOTICE (LCR)	01/01/2016 - 12/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70170 1000 0000 3175 8440

June 12, 2019

Alex Williams
UTILITIES INC - NORTH PARK WATER SUPPLY
201 Holiday Boulevard, Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
UTILITIES INC - NORTH PARK WATER SUPPLY Public Water System
PWS ID LA1103124
ST TAMMANY Parish

Dear Mr. Williams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 29, 2019 sanitary survey inspection of the public water supply system for UTILITIES INC - NORTH PARK WATER SUPPLY (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Alvin Kennedy	Utilities Inc Of La

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The system has 5 active well sites and only the Northpark well site was equipped with standby power supply at the time of the inspection. Per LAC51:XII.135.A, dedicated standby power shall be provided by any community water supply and any non-community water supply serving a hospital so that water may be treated and/or pumped to the distribution system during outages to meet the average daily demand during the month of maximum water use. The system stated the Northpark well can meet the average daily demand during peak month. Please either provide engineering capacity report confirming that the Northpark well has adequate capacity or prepare standby power supplies for other wells.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of the inspection, the chlorine residuals for POE, MRT and ACR were monitored by the system but were not recorded on the state approved forms. Per LAC 51: XII.367.D, disinfectant residuals must be recorded on the "LDH Approved Chlorine Residual Forms", which can be downloaded at http://new.dhh.louisiana.gov/index.cfm/page/1725.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

The new and old Northpark wells are treated by one treatment plant. The two wells have different production rate in gallon per minute. The chemical injection rate is set up for the primary well and the system is operating automatically per demand. When the back up well is kicked on the chemical pump needs to be adjusted to be proportional to the flow stream from it. It is understand that the back up well is set to be kicked on at very low pressure (30 psi) and thus it is rarely online. It is recommend the system develop operational procedures to keep the chemical feed rate be proportional to the flow stream being dosed all the time even when the back well is kicked on automatically.

Some wells and storage facilities are seldom being used due to the system setting and thus the water retention time in the tank may be too long to keep the required disinfectant residuals. It is recommended that the system perform routine flushing to reduce the retention time or keep those facilities as emergency and flush when it is needed.

On-site calibration tubes are recommended for proper chemical feed rate and dosage calculation. It is also recommended that the system keep monitoring the phosphate dosage and keep the chemical application in compliance.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1904414-001	Routine	5/2/2019		1.320	
A1810754-002	Routine	9/18/2018		1.200	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

RECEIVED

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8211

May 3, 2019

Mohammad Iqbal
CHAHTA MOBILE HOME PARK
10 Tunica Ct.
Harvey, LA 70058

Re: Class I Sanitary Survey
CHAHTA MOBILE HOME PARK Public Water System
PWS ID LA1103125
ST TAMMANY Parish

Dear Mr. Iqbal:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 24, 2019 sanitary survey inspection of the public water supply system for CHAHTA MOBILE HOME PARK (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Farooq Ahmed	Chahta Mobile Home Park

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	The fencing surrounding the well, treatment, and storage tank showed damage at the time of inspection. Per LAC 51:XII.315.D, the fence shall be resistant to climbing. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1103125-001 - CHAHTA MHP WELL	Source	The well site slab was cracked at the time of inspection. Per LAC 51:XII.319.D.7, there shall be no pathway for contamination into the well casing or discharge piping. The well site grading, the well slab and all well appurtenances shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1103125-001 - CHAHTA MHP WELL	Source	There was no secondary source of water at the time of inspection. Per LAC 51:XII.169.B.2, when groundwater is the only source of water for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1103125-001 - CHAHTA MHP WELL	Source	The discharge piping was not properly supported at the time of inspection. Per LAC 51:XII.169.E.8.d, the well construction shall be protected from physical damage as required by the state health officer. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1103125-001 - CHAHTA MHP WELL	Source	There was no flow meter on the well discharge pipe at the time of inspection. Per LAC 51:XII.169.H.3.iv, the well discharge piping shall be equipped with a means of measuring flow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
1002417	08/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Security

Attachment Comments: The fencing surrounding the well, treatment, and storage tank showed damage at the time of inspection. Please repair the fence to prevent unauthorized entry to the well site.



Attachment #2

Severity: Significant

Facility ID: CHAHTA MHP WELL

Category: Source

Attachment Comments: The well site slab was cracked at the time of inspection. Please repair the concrete slab to prevent source contamination.



Attachment #3

Severity: Minor

Facility ID: CHAHTA MHP WELL

Category: Source

Attachment Comments: The discharge piping was not properly supported at the time of inspection. Please add permanent support for the discharge piping.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **70190700000059891420**

August 22, 2019

Tim Brown
ST TAM PARISH - LAKE HILLS VILLAGE
620 N Tyler St
Covington, LA 70433

Re: Class I Sanitary Survey
ST TAM PARISH - LAKE HILLS VILLAGE Public Water System
PWS ID LA1103128
ST TAMMANY Parish

Dear Mr. Brown:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 9, 2019 sanitary survey inspection of the public water supply system for ST TAM PARISH - LAKE HILLS VILLAGE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
Ariel Bennett	St. Tammany Parish Government
Aaron Davis	St Tam Parish

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/15/2013	06/21/2013	Sanitary Survey, Finished	Minor	Source	1103128-001-LAKE HILLS WELL
Comments: At least two sources of groundwater are not provided. A backup or emergency connection to another approved public water supply may suffice as a second source of water provided that source can meet demand. All sources of water must be approved by the LDH.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	To ensure the integrity of the well fence at Lake Hills Village remove all vines, trees, and other vegetation. LAC 51:XII.315.D - All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	Provide the Region 9 office with specifications for the generator that is dedicated for only ST Tammany Parish-Lake Hills Village. LAC51:XII.135.A - Dedicated Standby power shall be provided by any community water supply and any non-community water supply serving a hospital so that water may be treated and/or pumped to the distribution system during outages to meet the average daily demand during the month of maximum water use. To ensure continuous service when the primary power has been interrupted, a standby power supply shall be provided through connection to at least two independent public power sources, or portable or in-place auxiliary power. A standby power supply must be provided through the connection to at least two independent public power sources, or the use of portable (dedicated) or in-place auxiliary power to ensure continuous service when the primary power has been interrupted.
FACILITY	CATEGORY	FINDINGS
1103128-001 – Lake Hills Well	Source	Repair the water leak at the coupling above the casing. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. The leak(s) must be repaired; interruption of service to customers should be minimized.

FACILITY	CATEGORY	FINDINGS
1103128-001 – Lake Hills Well	Source	A second source was not provided. LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless and LDH-approved annual public notice is provided to customers. Provide for at least two (2) approved sources of water. Consult with a licensed Professional Engineer (LA) or licensed well driller as necessary. Discuss actions with LDH prior to taking action. Please contact LDH for questions related to public notification in lieu of construction.
FACILITY	CATEGORY	FINDINGS
1103128-001 – Lake Hills Well	Source	Provide an appropriate sample tap as required at the raw water tap. LAC 51:XII.327.A.15 - All potable water supply wells shall be provided with a readily accessible faucet or tap on the well discharge line at the well for the collection of water samples. The faucet or tap shall be of the smooth nozzle type, shall be upstream of the well discharge line check valve and shall terminate in a downward direction. **See Attachment #3**

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 – Distribution System	Distribution System	Provide new sample taps at TCR-003, TCR-005, and TCR-007. In addition, move MRT-002 from behind the fenced area of the sewer treatment plant. LAC 51:XII.903.B - The water supply must provide suitable taps which draw water directly from the mains or the service lines. Such taps provide for samples which are most representative of the quality of water provided without "interference" which may be caused by plumbing problems within residences or other structures. Use of such taps decreases the chance of "bad samples" resulting in a coliform maximum contaminant level (MCL) violation which requires public notification by the public water supply and an administrative enforcement action by the EPA/DHH against the public water supply. **See Attachment #7**
FACILITY	CATEGORY	FINDINGS
HD001 – Pressure Tank	Finished Water Storage	The storage tank is unable to be isolated from the distribution system and provide adequate pressure. LAC 51:XII.231.C - Drainage. Finished water storage structures which provide pressure directly to the distribution system shall be designed so they can be isolated from the distribution system and drained for cleaning or maintenance without causing a loss of pressure in the distribution system. Consult with a licensed engineer regarding possible corrective actions. Provide the necessary isolation valving; interruption of service to customers should be minimized. Submit to this office signed, stamped,

		and dated As-Built plans and specifications from a Louisiana licensed professional engineer for review and approval by LDH.
FACILITY	CATEGORY	FINDINGS
HD001 - Pressure Tank	Finished Water Storage	The tank showed signs of rust and corrosion. LAC 51: XII 225.S - Painting and/or cathodic protection. Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. Tanks shall be painted and/or provided cathodic protection to prevent rust and corrosion. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
TP001 – Lake Hills Village TP	Treatment	A chemical label is required on the shipping container. LAC 51:XII.205.A - Chemical shipping containers shall be fully labeled to include: 1. chemical name, purity and concentration; and 2. supplier name and address. Ensure shipping containers are fully labeled, meeting ANSI/NSF 60 labeling requirements.
FACILITY	CATEGORY	FINDINGS
TP001 - Lake Hills Village TP	Treatment	Provide required overflow and receiving basin. LAC 51:XII.I.203.I.4.b - Liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank. **See Attachment #6**
FACILITY	CATEGORY	FINDINGS
1103128-001 – Lake Hills Well	Source	The outer casing showed signs of rust and corrosion. The rust shall be removed, and the outer casing shall be protected against further physical damage and corrosion. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
1103128-001 – Lake Hills Well	Source	The well vent does not terminate in a downward direction. LAC 51:XII.327.A.11 - All potable water well casings shall be vented to atmosphere as provided in 327.A.12 below, with the exception that no vent will be required when single-pipe jet pumps are used. The well vent must be properly screened and terminate in a downward direction to prevent contamination of the well. **See Attachment #2**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

2. A well pumping test is currently not performed - pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

Respectfully,

Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Security

Attachment Comments: Overgrown vegetation is cited on the fence at Lake Hills Village well site.



Attachment #2

Severity: Minor

Facility ID: LAKE HILLS WELL

Category: Source

Attachment Comments: The well vent on the casing does not terminate in a downward position.



Attachment #3

Severity: Significant

Facility ID: LAKE HILLS WELL

Category: Source

Attachment Comments: A threaded sampling tap was cited at the well site.



Attachment #4

Severity: Minor

Facility ID: LAKE HILLS WELL

Category: Source

Attachment Comments: Rust and corrosion is visible at the well site casing.



Attachment #5

Severity: Minor

Facility ID: PRESSURE TANK

Category: Finished Water Storage

Attachment Comments: Rust and corrosion is visible on the storage tank.



Attachment #6

Severity: Minor

Facility ID: LAKE HILLS VILLAGE TP

Category: Treatment

Attachment Comments: Spill protection is not provided at the treatment plant.



Attachment #7

Severity: Minor

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution

Attachment Comments: MRT-002 is located inside the fenced area with the sewer treatment plant.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1758

November 25, 2019

Gayle Davidson
TESI CHERRYWOOD
P.O. Box 14059
Baton Rouge, LA 70898-4059

Re: Class I Sanitary Survey
TESI CHERRYWOOD Public Water System
PWS ID LA1103129
ST TAMMANY Parish

Dear Ms. Davidson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 14, 2019 sanitary survey inspection of the public water supply system for Cherrywood. The intent of these surveys is to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Gayle Davidson	Total Environmental Solutions
Jeremy Rogers	Total Environmental Solutions
Gonzalo Rocha, Jr.	Total Environmental Solutions

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1103129-001 - CHERRYWOOD WELL	Source	There was only one source of water at the time of inspection. Provide for at least two (2) approved sources of water. Consult with a licensed Professional Engineer (LA) or licensed well driller as necessary. Discuss actions with LDH prior to taking action. Please contact LDH for questions related to public notification in lieu of construction. LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless otherwise specified by the state health officer.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1103129-001 - CHERRYWOOD WELL	Source	The discharge piping showed signs of rusting at the time of inspection. Please paint the discharge piping to prevent further rusting/corrosion. LAC 51:XII.169.H.3.a.iii - The discharge piping shall be protected against the entrance of contamination.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

In accordance with the provisions found in ACT No. 292, TESI - Cherrywood is here-by notified that the system is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The well pump shaft was exposed at the time of inspection. Belts, gears, rotating shafts, and electrical wiring should have proper shields to prevent injury. LAC 51:XII.157.B - The design shall comply with all applicable safety codes and regulations that include, but are not limited to, the codes adopted under the authority of Act 12 of the 2005 First Extraordinary Session, State Fire Marshal regulations (see LAC 55:V), National Fire Protection Association (NFPA) standards, and federal Occupational Health and Safety Administration (OSHA) standards.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,

Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1642

July 8, 2019

Gayle Davidson
TESI BEAU PRE
P.O. Box 14059
Baton Rouge, LA 70898-4059

Re: Class I Sanitary Survey
TESI BEAU PRE Public Water System
PWS ID LA1103134
ST TAMMANY Parish

Dear Ms. Davidson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 24, 2019 sanitary survey inspection of the public water supply system for TESI BEAU PRE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Don Calhoun	Total Environmental Solutions
Gayle Davidson	Total Environmental Solutions
Gonzalo Rocha, Jr.	Total Environmental Solutions

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1103134-001 - BEAU PRE WELL	Source	There was no secondary water source at the time of inspection. LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT #1	Treatment	There was no secondary containment for the sodium hypochlorite storage at the time of inspection. LAC 51:XII.203.I.4.b - Liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that PWS is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
1007120	04/04/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	04/01/2019 - 04/30/2019
1007119	08/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,

Eric Brown,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: TREATMENT PLANT #1

Category: Treatment

Attachment Comments: The sodium hypochlorite shall have secondary containment that is capable of receiving overflow or accidental spills.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8228

June 3, 2019

Darren "Kelly" Johnson
FOREST GLEN SD
PO Box 801
Loranger, LA 70466

Re: Class I Sanitary Survey
FOREST GLEN SD Public Water System
PWS ID LA1103137
ST TAMMANY Parish

Dear Mr. Johnson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 22, 2019 sanitary survey inspection of the public water supply system for FOREST GLEN SD (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Darren "Kelly" Johnson	Parks Waterworks

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/05/2017	08/01/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	HD001-WEST CHESTNUT STORAGE TANK
Comments: Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. At the time of the site visit, considerable rust was observed on the tank. Cleaning and painting the exterior of the tank is necessary to ensure the tank's continued integrity and ability to maintain the water supply's quality.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1103137-002 - FOREST GLEN WELL # 2 WEST CHESTNUT	Source	The discharge piping was not properly supported at the time of inspection. Per LAC 51:XII.169.E.8.d, the well construction shall be protected from physical damage as required by the state health officer. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

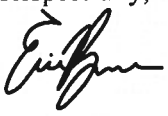
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
1004533	04/02/2019	CCR REPORT	
1004532	07/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2018 - 07/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: FOREST GLEN WELL # 2 WEST CHESTNUT

Category: Source

Attachment Comments: Please provide permanent support for this discharge piping.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7018 1830 0001 0580 9315

December 2, 2019

David Guidry
LAKE RAMSEY
PO Box 1466
Covington, LA 70434

Re: Class I Sanitary Survey
LAKE RAMSEY Public Water System
PWS ID LA1103139
ST TAMMANY Parish

Dear Mr. Guidry:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 26, 2019 sanitary survey inspection of the public water supply system for Lake Ramsey. The intent of these surveys is to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
David Guidry	Artesian Water Company

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The pump shaft was leaking at the time of inspection. The leak must be repaired; interruption of service to customers should be minimized. **See Attachment #1** LAC 51:XII.319.D.25 - All potable water systems shall be designed, constructed and maintained so as to prevent leakage of water due to defective materials, improper jointing, corrosion, settling, impacts, freezing, or other causes.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The water system did not have written cross connection control plan at the time of inspection. The water system must develop a cross connection control plan outlining the backflow prevention policies and procedures. The water system must implement the plan and maintain documentation of customers surveyed, identification of customers requiring backflow prevention devices, a record of annual testing for each device, and enforcement actions taken at non-compliant connections. LAC 51:XII.344.B - In order to protect its water supply from potential contamination, each water supplier shall develop and implement a written backflow prevention plan outlining the policies and procedures it will use to verify that its customers comply with mandatory containment practices, ...
FACILITY	CATEGORY	FINDINGS
1103139-001 - WELL LAKE RAMSAY	Source	There was no secondary source of water at the time of inspection. Provide for at least two (2) approved sources of water. Consult with a licensed Professional Engineer (LA) or licensed well driller as necessary. Discuss actions with LDH prior to taking action. Please contact LDH for questions related to public notification in lieu of construction. LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless otherwise specified by the state health officer.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, Lake Ramsey is here-by notified that the water system is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

2. In accordance with the provisions found in ACT No. 292, Lake Ramsey shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that the system has implemented with respect to the matters detailed in the complaint. Lake Ramsey shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

Due to recent complaints of water leakage, it is recommended that measures be taken to rule out a water main leak as the source. One method would be to add a DPD Total Chlorine Reagent Powder Pillow packet to a sample of the water; if the sample turns pink, chlorine is present so the leak would be treated water.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1905769-001	Routine	6/10/2019		2.040	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Other

Attachment Comments: The pump shaft was leaking at the time of inspection. The leak must be repaired; interruption of service to customers should be minimized.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7005 1820 0002 1133 7121

November 25, 2019

Joe Burford
Brier Lake Utilities Inc.
61383 Timberland Drive
Lacombe, LA 70445

Re: Class I Sanitary Survey
Brier Lake Utilities Inc. Public Water System
PWS ID LA1103141
St. Tammany Parish

Dear Burford:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 19, 2019 sanitary survey inspection of the public water supply system for Brier Lake Utilities Inc. (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
Joe Burford	Brier Lake Estates

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	At the time of inspection, it was stated that both wells were separately powered by the same utility but a dedicated standby power supply is needed. LAC 51:XII.319.D.2 and LAC 51:XII.135.A, Standby Power - Dedicated standby power shall be provided by any community water supply and any non-community water supply serving a hospital so that water can be treated and/or pumped to the distribution system during power outages to meet the average daily demand during the month of maximum water use. A standby power supply must be provided through the connection to at least two independent public power sources, or the use of portable (dedicated) or in-place auxiliary power to ensure continuous service when the primary power has been interrupted.

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD002 - HYDROPNEUMATIC #2	Finished Water Storage	At the time of inspection, the hydropneumatic tank showed signs of corrosion. LAC 51:XII.225.S - Painting and/or cathodic protection. Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. Tanks shall be painted and/or provided cathodic protection to prevent rust and corrosion.

FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT PLANT @ WELL #2	Treatment	At the time of inspection, chemical containers did not have secondary containment. LAC 51:XII.I.203.I.4.b - Liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank. Provide required overflow and receiving basin.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT @ WELL 1	Treatment	At the time of inspection, chemical containers did not have secondary containment. LAC 51:XII.I.203.I.4.b - Liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank. Provide required overflow and receiving basin.
FACILITY	CATEGORY	FINDINGS
1103141-001 - WELL #1 @ BRIERLAKE S/D	Source	At the time of inspection, there was no flow meter installed. LAC 51:XII.169.H.3.a.iv - The discharge piping shall be equipped with ... A means of measuring flow. A means of measuring flow must be provided.
FACILITY	CATEGORY	FINDINGS
1103141-002 - WELL #2 @ BRIERLAKE S/D	Source	At the time of inspection, there was no flow meter installed. LAC 51:XII.169.H.3.a.iv - The discharge piping shall be equipped with ... A means of measuring flow. A means of measuring flow must be provided.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.

2. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

3. A well pumping test is currently not performed - pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

4. Due to the water system not having raised rates within the last 5 year, it is recommended that the water system perform a financial analysis of operating costs and determine if a rate adjustment is needed.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7015 3010 0000 4003 3630

May 13, 2019

Hilda Kraemer
INDIAN HILLS TRAILER PARK
2484 Gause Blvd. West
Slidell, LA 70460

Re: Class I Sanitary Survey
INDIAN HILLS TRAILER PARK Public Water System
PWS ID LA1103143
ST TAMMANY Parish

Dear Ms. Kraemer:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 29, 2019 sanitary survey inspection of the public water supply system for INDIAN HILLS TRAILER PARK (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH OPH Engineering Services
Eric Brown	LDH OPH Engineering Services
Corey Harris	LDH OPH Engineering Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
04/01/2019	04/17/2019	Site Inspection	Significant	Operator Compliance with State Requirements	Management
Comments: There was no certified operator associated with the water system at the time of the site visit.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/08/2017	07/06/2017	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: There was no cross-connection control plan available at the time of the inspection.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/08/2017	07/06/2017	Sanitary Survey, Finished	Minor	Source	1103143-001-WEST WELL
Comments: There was no flow meter installed at the west well at the time of the inspection.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/08/2017	07/06/2017	Sanitary Survey, Finished	Minor	Source	1103143-002-EAST WELL
Comments: There was no flow meter installed at the east well at the time of the inspection.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	East well head was not located in a fenced area at the time of the inspection. Per LAC 51: XII.315.D, all public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked. **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of the inspection, the chlorine residual for POE, MRT and ACR were monitored but were not recorded on the state approved forms. Residuals must be recorded on the "LDH Approved Chlorine Residual Forms", which can be downloaded at http://new.dhh.louisiana.gov/index.cfm/page/1725.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - WEST #1 (HYDROCHLORINATOR)	Treatment	POE tap at the west well site was threaded type at the time of the inspection. POE sampling tap can be used for both chemical and bacteriological sampling. Taps used for obtaining samples for bacteriological analysis shall be of the smooth-nosed type without interior or exterior threads, shall not be of the mixing type, and shall not have a screen, aerator, or other such appurtenance.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1811398-004		10/4/2018		0.070	
A1810934-001	Routine	10/2/2018		0.000	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
1005540	03/25/2019	LEAD CONSUMER NOTICE (LCR)	01/01/2018 - 12/31/2018
1005539	02/22/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
1005538	11/19/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	11/01/2018 - 11/30/2018
1005537	10/24/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	10/01/2018 - 10/31/2018
1005536	05/18/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	05/01/2018 - 05/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Security

Attachment Comments: East well head was not in a fenced area at the time of the inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 70190700000059891390

July 1, 2019

Gayle Davidson
TESI RIGOLETS HARBOR
P.O. Box 14059
Baton Rouge, LA 70898-4059

Re: Class I Sanitary Survey
TESI RIGOLETS HARBOR Public Water System
PWS ID LA1103144
ST TAMMANY Parish

Dear Ms. Davidson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 28, 2019 sanitary survey inspection of the public water supply system for TESI RIGOLETS HARBOR (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
Corey Harris	LDH OPH Region 9 Engineering
Rocha "JR." Gonzalo	Tesi Operator

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/04/2016	08/31/2016	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM

Comments: Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods. Please provide a survey of the water system to verify that its customers comply with mandatory containment practices. LAC 51:XII.344.

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/04/2016	08/31/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	HD001-HYDROPNEUMATIC

Comments: Each tank should have an access manhole, a drain, and control equipment consisting of a pressure gauge, water sight glass, automatic or manual air blow-off, means for adding air, and pressure operated start-stop controls for the pumps. Where practical the access manhole should be 24 inches in diameter. AWWA states that tanks should be washed out & inspected at least every three years. Please address.

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/04/2016	08/31/2016	Sanitary Survey, Finished	Minor	Source	1103144-001-RIGOLETS HARBOR WELL

Comments: LAC 51:XII.327.A.11 - All potable water well casings shall be vented to atmosphere as provided in 327.A.12, with the exception that no vent will be required when single-pipe jet pumps are used. Please clarify if a single-pipe jet pump is used. Otherwise, address 327.A.12.

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/04/2016	08/31/2016	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT PLANT #1

Comments: Tanks and tank refilling line entry points shall be clearly labeled with the name of the chemical contained. Please address.

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/04/2016	08/31/2016	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT PLANT #1

Comments: Calibration tubes or mass flow monitors which allow for direct physical checking of actual feed rates shall be fitted. Please address.

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/27/2013	04/24/2013	Sanitary Survey, Finished	Minor	Source	1103144-001-RIGOLETS HARBOR WELL
Comments: A second source of water shall be provided for all community water supplies. A consecutive connection or a second well is needed to meet this requirement. All plans and specifications for a second source shall be submitted and approved by this office.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
MANAGEMENT	M&R and Data Verification	System shall have a monitoring plan that includes a list of all routine compliance samples required on a daily, weekly, monthly, quarterly, and annual basis and identify the sampling location where samples are to be collected. The public water system shall revise and re-submit its monitoring plan if changes to the sampling locations or if any significant changes to the disinfection methods are made. In addition, the public water system shall update and re-submit its monitoring plan when the system's sampling requirements or protocols change. During the site visit, the MRT site did not provide a true representation of the water throughout the distribution system. The location for the MRT shall be moved to an approved sampling site.
FACILITY	CATEGORY	FINDINGS
MANAGEMENT	System Management and Operation	LAC 51:XII.1503.C - An approved chemical laboratory/drinking water shall perform all analyses using the laboratory methodology specifically required to be used under the provisions of this Part for such analyte. During the site visit the procedures to perform analyses for high range chlorine residual readings were not being followed. All operators shall be provided with an instructions manual for the colorimeter to reference proper procedures while out in the field.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	LAC 51:XII.343.A - There shall be no physical connection between a public water supply and any other water supply which is not of equal sanitary quality and under an equal degree of official supervision. And there shall be no connection or arrangement by which unsafe water may enter a public water supply system. During the inspection a garden hose is connected to an outside tap which terminates downward behind a wooden fence. All potable water shall be protected from unsafe water or possible contamination. Disconnect the garden hose and add a hose bib

		vacuum breaker to protect the water supply from potential backflow or backsiphonage from a non-potable water source. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	LAC 51:XII.344 - Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods. During the inspection threaded taps are located within the distribution system and lacked the proper type of backflow prevention device. To prevent potential backflow or outside contaminants entering the water supply, cross connection control practices are to be implemented. The customer or owner is responsible for installing all backflow preventers and testing them annually.
FACILITY	CATEGORY	FINDINGS
1103144-001 - RIGOLETS HARBOR WELL	Source	LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless and LDH-approved annual public notice is provided to customers. During the inspection a second source for Tesi Rigolets Harbor is not available. A minimum of two approved and active groundwater wells shall be provided for all community systems and shall be approved by the LA Department of Health prior to the completion of connection.
FACILITY	CATEGORY	FINDINGS
1103144-001 - RIGOLETS HARBOR WELL	Source	LAC 51:XII.327.A.2 - Every potable water well, and the immediate appurtenances thereto that comprise the well, shall be located at a safe distance from all possible sources of contamination, including but not limited to, privies, cesspools, septic tanks, subsurface tile systems, sewers, drains, barnyards, and pits below the ground surface. The horizontal distance from any such possible source of pollution shall be as great as possible, but in no case less than the following minimum distances, except as otherwise approved by the state health officer. During the inspection a dumpster and a portable toilet is located approximately 12.3 ft. from the water well and its

		appurtenances. To ensure a safe distance from all possible sources of contamination, the dumpster and the portable toilet shall be re located 100 feet away from the water well. **See Attachment #7**

Deficiencies

FACILITY	CATEGORY	FINDINGS
MANGEMENT	System Management and Operation	Main switch gear electrical controls shall be located above grade, in areas not subject to flooding. All electrical work shall conform to the requirements of the National Electric code or to relevant state and/or local codes. During the inspection a portion of the wiring at the well site is not in a conduit. All electrical wiring shall be encased in conduit and protected from physical damage. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	LAC 51:XII.903.B - The water supply must provide suitable taps which draw water directly from the mains or the service lines. Such taps provide for samples which are most representative of the quality of water provided without "interference" which may be caused by plumbing problems within residences or other structures. Use of such taps decreases the chance of "bad samples" resulting in a coliform maximum contaminant level (MCL) violation which requires public notification by the public water supply and an administrative enforcement action by the EPA/DHH against the public water supply. During the inspection some routine total coliform sampling taps are threaded. All routine total coliform sampling taps are to be smooth-nozzle taps to ensure the quality of water provided. **See Attachment #10**
FACILITY	CATEGORY	FINDINGS
HD001 – HYDRO-PNEUMATIC	Finished Water Storage	Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. During the inspection the hydropneumatic storage tank at Tesi Rigolets Harbor showed signs of corrosion and rust. The hydropneumatic storage tank must be inspected by a qualified tank inspector to determine what measures should be taken to prevent further damage. **See Attachment #6**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT #1	Treatment	Liquid chemical storage tanks must have a liquid level indicator and have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge. A common receiving basin may be provided for each group or compatible chemicals that provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank.

		During the inspection the sodium hypochlorite storage container did not have a receiving basin capable of receiving accidental spills or overflows. Receiving basins should be provided for all chemical containers. **See Attachment #8**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT #1	Treatment	Calibration tubes or mass flow monitors which allow for direct physical checking of actual feed rates shall be fitted. During the inspection a calibration tube is not provided at the treatment plant. A calibration tube shall be installed to monitor and adjust feeding rates. Provisions shall be made for measuring the quantities of chemicals used in order to prevent reaching the max dosage of the applied chemical.
FACILITY	CATEGORY	FINDINGS
1103144-001 - RIGOLETS HARBOR WELL	Source	LAC 51:XII.327.A.11 - All potable water well casings shall be vented to atmosphere as provided in 327.A.12 below, with the exception that no vent will be required when single-pipe jet pumps are used. During the inspection a well vent is not provided at the well casing. Rigolets Harbor well casing shall be vented to the atmosphere. The open end of the vent must be screened and must terminate in the downward position at a minimum height of 24 inches above the ground/slab. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1103144-001 - RIGOLETS HARBOR WELL	Source	Protection from physical damage shall be provided as required by the reviewing authority. During the inspection the well piping is showing signs of corrosion which can result in leaks if not treated. The well piping at Tesi Rigolets Harbor is to be cleaned and treated to prevent further corrosion. **See Attachment #5**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that PWS is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. During the inspection a wash down water distribution system supplying the boat dock at Tesi Rigolets Harbor has no chlorine and appears to be separate from the potable system. To differentiate between above ground piping in a water color scheme is recommended. Refer to LAC 51 :XII.149.B **See Attachment #12 and #11**

2. Spare parts shall be available for all feeders to replace parts which are subject to wear and damage. During the inspection a leak is visible at the chemical feed pump. Repair or replace the tubing at the chlorinator pump to assure maximum efficiency of treatment. **See Attachment #9**

3. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

4. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9001124	09/12/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	09/01/2018 - 09/30/2018
9001123	08/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018

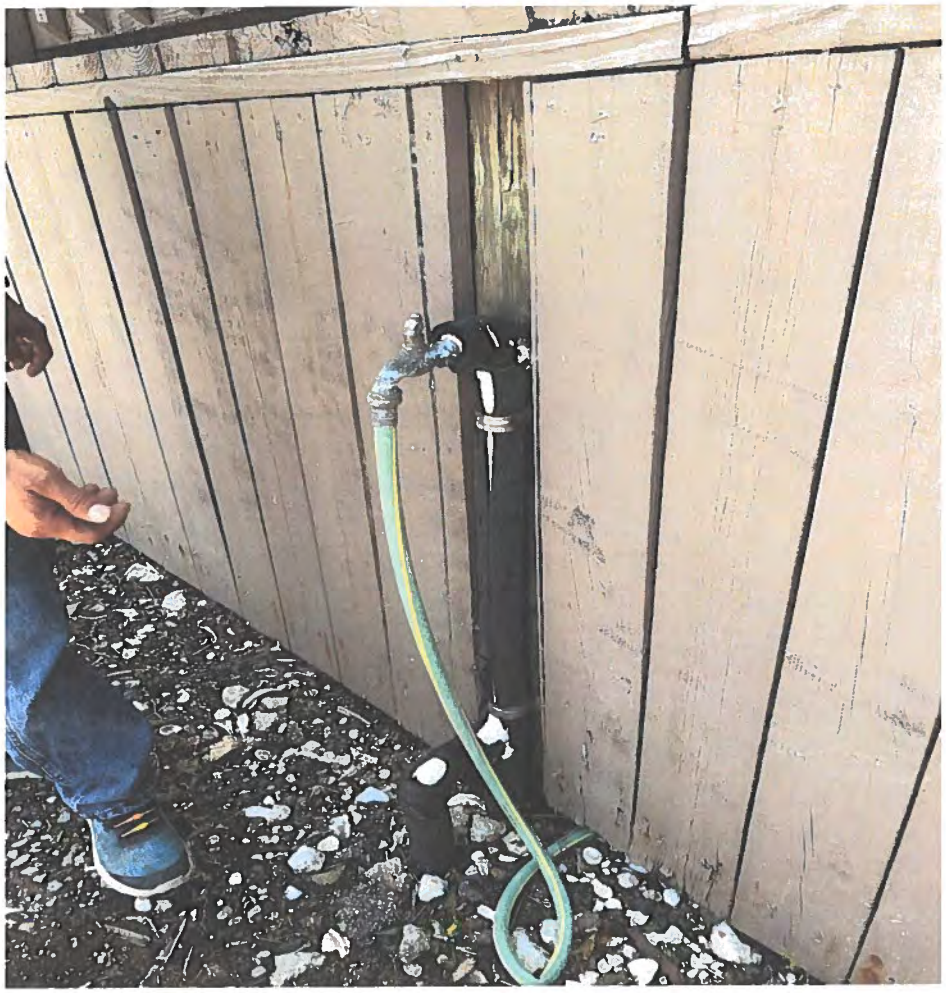
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

Respectfully,

Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #2

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: A garden hose is connected to the potable source without a backflow prevention device.



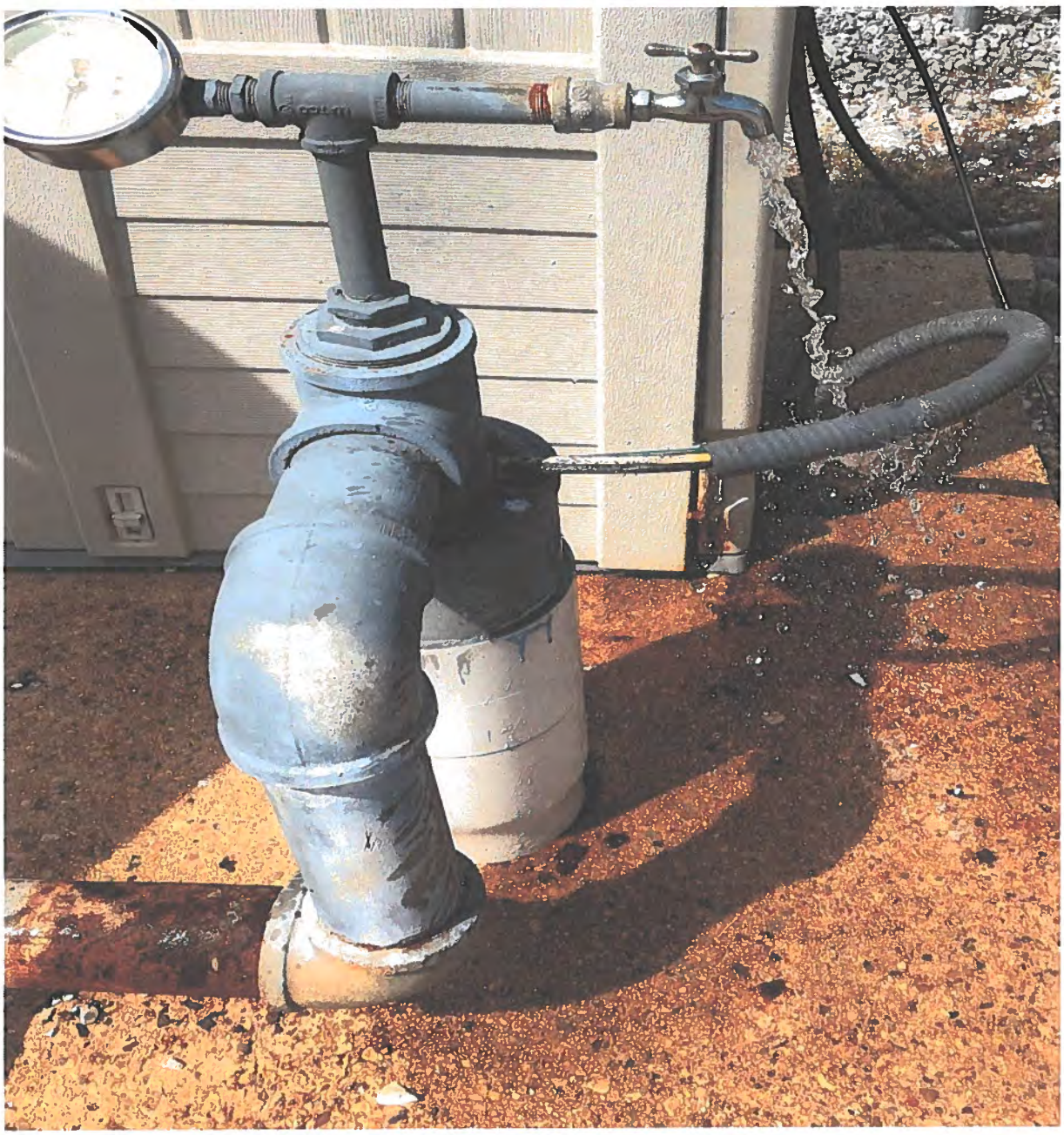
Attachment #3

Severity: Minor

Facility ID: RIGOLETS HARBOR WELL

Category: Source

Attachment Comments: A well vent is not provided on the well casing.

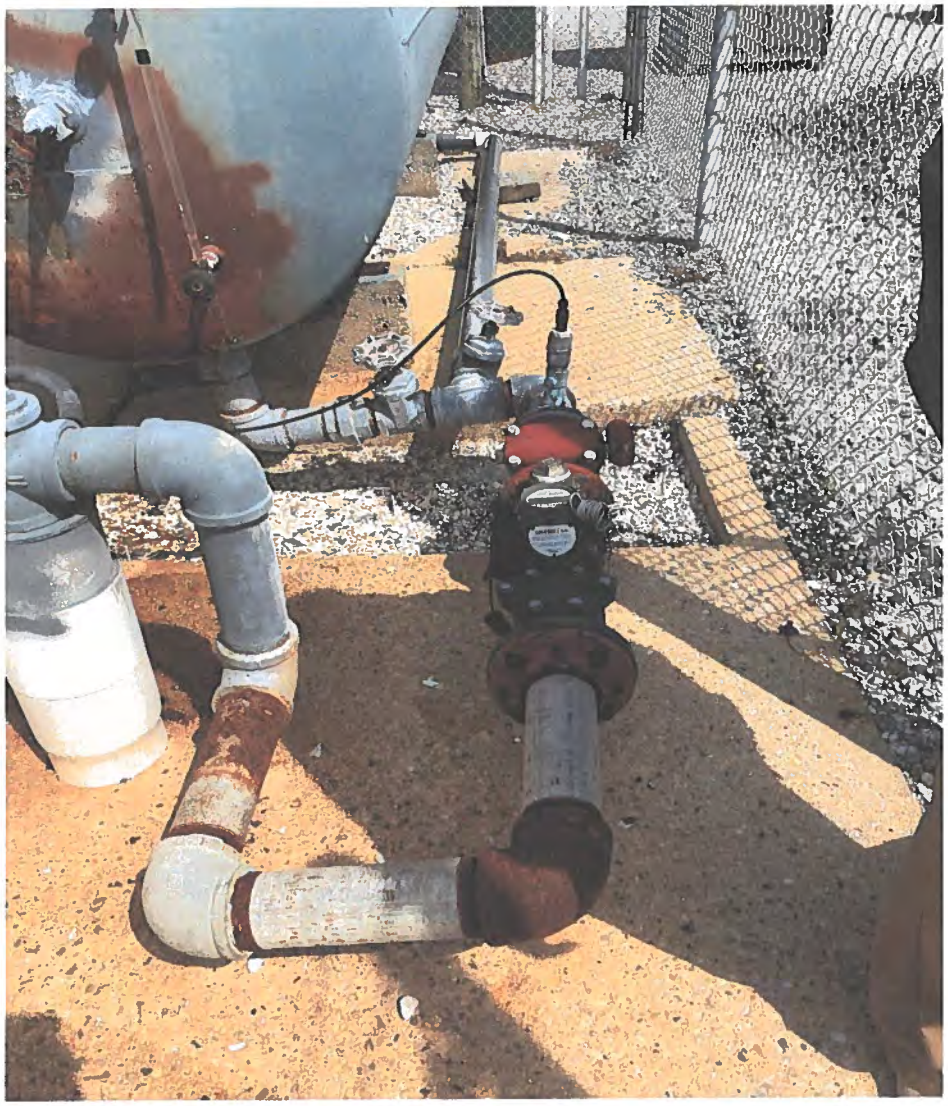


Attachment #4

Severity: Minor

Category: System Management and Operation

Attachment Comments: Electrical wiring is not in conduit.



Attachment #5

Severity: Minor

Facility ID: RIGOLETS HARBOR WELL

Category: Source

Attachment Comments: Corrosion of well piping.



Attachment #6

Severity: Minor

Facility ID: HYDROPNEUMATIC

Category: Finished Water Storage

Attachment Comments: Rust and corrosion is visible at the Hydropneumatic storage tank.



Attachment #7

Severity: Significant

Facility ID: RIGOLETS HARBOR WELL

Category: Source

Attachment Comments: A dumpster and a portable toilet is located at an unsafe distance to the Rigolets Well and components.



Attachment #8

Severity: Minor

Facility ID: TREATMENT PLANT #1

Category: Treatment

Attachment Comments: Spill protection is not provide at the treatment plant.



Attachment #9

Severity: Recommendations

Facility ID: TREATMENT PLANT #1

Category: Treatment

Attachment Comments: A leak is visible at the chlorine feed pump.



Attachment #10

Severity: Minor

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: MRT-018 and TCR- 019 are threaded taps. Also, Potable and non-potable water are not distinguished.



Attachment #12

Severity: Recommendations

Facility ID: TREATMENT PLANT #1

Category: Treatment

Attachment Comments: Potable and non-potable water are not distinguished.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70190700000059891802

August 29, 2019

Tim Brown
ST TAM PARISH - MEADOWLAKE SUBDIVISION
620 N Tyler St
Covington, LA 70433

Re: Class I Sanitary Survey
ST TAM PARISH - MEADOWLAKE SUBDIVISION Public Water System
PWS ID LA1103146
ST TAMMANY Parish

Dear Mr. Brown:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 20, 2019 sanitary survey inspection of the public water supply system for ST TAM PARISH - MEADOWLAKE SUBDIVISION (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	**Organization**
Corey Harris	LDH-OPH Region IX Engineer
Ariel Bennett	St. Tammany Parish Government

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The leak(s) must be repaired; interruption of service to customers should be minimized. Per LAC 51:XII.319.D.25, Leaks in System - All potable water systems shall be designed, constructed and maintained so as to prevent leakage of water due to defective materials, improper jointing, corrosion, settling, impacts, freezing, or other causes. **See Attachment #1 and #2**
FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC	Finished Water Storage	The air release for the hydropneumatic tank should be screened to prevent possible contamination. Per LAC:XII.337.C - Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures.
FACILITY	CATEGORY	FINDINGS
1103146-001 - MEADOWLAKE WELL	Source	Grade the well site to prevent standing water and facilitate drainage away from the well. Per LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. The well site grading... shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #3**

FACILITY	CATEGORY	FINDINGS
1103146-001 - MEADOWLAKE WELL	Source	Provide for at least two (2) approved sources of water. Consult with a licensed Professional Engineer (LA) or licensed well driller as necessary. Discuss actions with LDH prior to taking action. Please contact LDH for questions related to public notification in lieu of construction. Per LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless otherwise specified by the state health officer.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TAP AT WELL	Treatment	Provide required overflow and receiving basin. Per LAC 51:XII.I.203.I.4.b - Liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank.
FACILITY	CATEGORY	FINDINGS
1103146-001 - MEADOWLAKE WELL	Source	The well vent must be properly screened and terminate in a downward direction to prevent contamination of the well. Per LAC 51:XII.327.A.11-12 - All potable water well casings shall be vented to atmosphere as provided in 327.A.12 below, with the exception that no vent will be required when single-pipe jet pumps are used. All potable water well vents shall be so constructed and installed as to prevent

		the entrance of contamination. All vent openings shall be piped water tight to a point not less than 24 inches above the highest flood level which may have occurred in a 10-year period, but in no case less than 24 inches above the ground surface. Such vent openings and extensions thereof shall be not less than 1/2 inch in diameter, with extension pipe firmly attached thereto. The openings of the vent pipes shall face downward and shall be screened to prevent the entrance of foreign matter.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.

2. Belts, gears, rotating shafts, and electrical wiring should have proper shields to prevent injury. Per LAC 51:XII.157.B - The design shall comply with all applicable safety codes and regulations that include, but are not limited to, the codes adopted under the authority of Act 12 of the 2005 First Extraordinary Session, State Fire Marshal regulations (see LAC 55:V), National Fire Protection Association (NFPA) standards, and federal Occupational Health and Safety Administration (OSHA) standards.

3. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Other

Attachment Comments: Leaking valve from storage tank.



Attachment #2

Severity: Significant

Category: Other

Attachment Comments: Excessive leaking from well.



Attachment #3

Severity: Significant

Facility ID: MEADOWLAKE WELL

Category: Source

Attachment Comments: Standing water near well.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8198

May 21, 2019

Tim Brown
ST TAM PARISH-MADISONVILLE WOODS
620 N Tyler St
Covington, LA 70433

Re: Class I Sanitary Survey
ST TAM PARISH-MADISONVILLE WOODS Public Water System
PWS ID LA1103147
ST TAMMANY Parish

Dear Mr. Brown:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 7, 2019 sanitary survey inspection of the public water supply system for ST TAM PARISH-MADISONVILLE WOODS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Ariel Bennett	St. Tammany Parish Government
Aaron Davis	St. Tammany Parish Government

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/08/2017	06/21/2017	Sanitary Survey, Finished	Minor	Security	Management
Comments: All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked, and areas shall be locked when unattended. The fence shall be resistant to climbing and at least 6 feet high. At the time of the site visit tree limbs were observed on or near the fence line. To ensure the integrity of the fence, tree should be trimmed back from the fence line.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/08/2017	06/21/2017	Sanitary Survey, Finished	Minor	Source	1103147-001-TAP AT MADISONVILLE WELL
Comments: At the time of the site visit the well vent screen was observed having algae growth. The screen should be cleaned or replaced to ensure the integrity of the water supply.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/08/2017	06/21/2017	Sanitary Survey, Finished	Minor	Source	1103147-003-WELL #3 - 6" PVC CASING
Comments: The well vent should be supplied with 24 mesh non corrodible screen to ensure the integrity of the water supply.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,

Eric Brown,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 70171000000031758648

February 14, 2019

Tim Brown
COQUILLE ST TAM PARISHFAUBOURG
620 N Tyler St
Covington, LA 70433

Re: Class I Sanitary Survey
COQUILLE ST TAM PARISHFAUBOURG Public Water System
PWS ID LA1103149
ST TAMMANY Parish

Dear Mr. Brown:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 31, 2019 sanitary survey inspection of the public water supply system for COQUILLE ST TAM PARISHFAUBOURG (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
Aaron Davis	TAMMANY UTILITIES
Ariel Bennett	TAMMANY UTILITIES

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	During the inspection, several leaks were noted. A leak was noted at Timber Branch wellsite at the two check valves and a leak was noted at Faubourg-Coquille wellsite at the #1 check valve. All potable water systems shall be designed to prevent water leaks due to defective materials, improper jointing, corrosion, settling, impacts, freezing, and any other causes. Additionally, The well vent at Black Forest is leaking excessively. All well vents shall be constructed and installed to prevent the entrance of contamination. All well vent openings shall be piped water tight. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	During the inspection, it was noted that standby power was not available at all well sites. Dedicated standby power shall be provided by any community water supply and shall be provided through connection to at least two independent public power sources, or portable or in-place auxiliary power.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	During the inspection, a filter removal system was added to the public water supply. The Designated operator was unable to verify that the filter installation was approved by LDH or that the filter conforms to applicable NSF standards. **See Attachment #8**

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	During the inspection, it was noted that a cross connection control program has been passed; however, the rules and written policies were not made available. In addition, the cross connection program has not been enforced and a partial list of customers has been provided. The water system shall identify all high hazard customers which pose a potential risk to the water supply. The types of customers of interest are listed in the LA State Plumbing Code Table D104. The water system shall include the type of device required for each customer and the type of device required depends on the degree of hazard that the customer poses to the water supply. Please provide this office with a list of potential high hazard customers (new and existing) and a copy of the notice informing the customer of their responsibility to install and to test the backflow preventer annually. Also, include copies of the test results that should be obtained annually by the water system.
FACILITY	CATEGORY	FINDINGS
1103151-001 - BLACK RIVER WEST WELL	Source	During the inspection, it was noted that the west well site was not equipped with a smooth nosed faucet or tap. All potable water supply wells shall be provided with a readily accessible faucet or tap on the well discharge line and upstream of the check valve for the collection of water samples. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
1103149-001 - TAP AT FAUBOURG COQUILLE WELL	Source	During the inspection, it was noted that the well grading was in disrepair and posed a potential pathway of contamination into the well casing and discharge piping.

		The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1103149-002 - DIVERSIFIED FOODS WELL	Source	During the inspection, it was noted that a hose bib faucet was attached to the discharge piping after the chlorine injection site. The hose bib was not protected from possible cross connection. A hose bib vacuum breaker shall be installed. **See Attachment #13**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	During the inspection, it was noted that the MRT location was not representative of the quality of water provided. Provide an updated sampling site for the MRT location.
FACILITY	CATEGORY	FINDINGS
EL001 - DIVERSIFIED	Finished Water Storage	During the inspection, it was noted that the overflow screen was obstructed with debris. The screen shall be replaced with a four mesh, non-corrodible screen. **See Attachment #7**
FACILITY	CATEGORY	FINDINGS
HD001 - FAUBOURG WELL	Finished Water Storage	During the inspection, it was noted that the water sight glass was not working. Each tank shall have a functioning water sight glass.
FACILITY	CATEGORY	FINDINGS
TP002 - DIVERSIFIED FOODS TP	Treatment	During the inspection, it was noted that the tank of liquid chlorine is in direct sunlight. Provide adequate housing for the sodium hypochlorite. Refer to 40 CFR 141.403. **See Attachment #11 and #12**

FACILITY	CATEGORY	FINDINGS
1103149-001 - TAP AT FAUBOURG COQUILLE WELL	Source	During the inspection, it was noted that a second sample tap was not pointing in a downward position. Remove the sample tap or reposition. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1103149-001 - TAP AT FAUBOURG COQUILLE WELL	Source	During the inspection, it was noted that the well and its discharge piping showed signs of rust and degradation. The well shall be protected from physical damage. **See Attachment #9**
FACILITY	CATEGORY	FINDINGS
1103149-002 - DIVERSIFIED FOODS WELL	Source	During the inspection, it was noted that the well and its discharge piping showed signs of rust and degradation. The well shall be protected from physical damage. **See Attachment #10**
FACILITY	CATEGORY	FINDINGS
1103161-001 - TIMBER BRANCH WELL	Source	During the inspection, it was noted that the well and its discharge piping showed signs of rust and degradation. The well shall be protected from physical damage. **See Attachment #6**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

LDH recommends that all operators know the proper dose calculations for each well site. The operator is to calculate chemical dosages based on the chemical feed rate and the treated water rate. This is critical knowledge that will help to ensure that all chemical additives are dosed at levels below their respective NSF 60 or UL maximum usage level. The Pounds Formula is one way to help you figure out the dosing.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9002616	08/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

Respectfully,

Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: TAP AT FAUBOURG COQUILLE WELL

Category: Source

Attachment Comments: At the time of inspection, the well site grading was not maintained.



Attachment #3

Severity: Minor

Facility ID: TAP AT FAUBOURG COQUILLE WELL

Category: Source

Attachment Comments: The sample tap was not in a downward position.



Attachment #4

Severity: Significant

Facility ID: BLACK RIVER WEST WELL

Category: Source

Attachment Comments: At the time of inspection, a sample tap was not provided upstream of the check valve.



Attachment #5

Severity: Significant

Category: Other

Attachment Comments: During the site visit the East well vent was leaking at Black River.



Attachment #6

Severity: Minor

Facility ID: TIMBER BRANCH WELL

Category: Source

Attachment Comments: At the time of inspection, the well and the discharge line showed signs of rust and paint peeling.



Attachment #7

Severity: Minor

Facility ID: DIVERSIFIED

Category: Finished Water Storage

Attachment Comments: The overflow at the Diversified tower was full of debris.



Attachment #8

Severity: Significant

Category: System Management and Operation

Attachment Comments: An unapproved modification to the potable water was noted during the site visit.



Attachment #9

Severity: Minor

Facility ID: TAP AT FAUBOURG COQUILLE WELL

Category: Source

Attachment Comments: At the time of inspection, the well and the discharge piping showed signs of rust.



Attachment #10

Severity: Minor

Facility ID: DIVERSIFIED FOODS WELL

Category: Source

Attachment Comments: At the time of inspection at the Diversified well site, there are signs of rust and paint peeling on the source and discharge piping.



Attachment #11

Severity: Minor

Facility ID: DIVERSIFIED FOODS TP

Category: Treatment

Attachment Comments: At the time of inspection, the Sodium Hypochlorite was being stored in the sunlight.



Attachment #12

Severity: Minor

Facility ID: DIVERSIFIED FOODS TP

Category: Treatment

Attachment Comments: At the time of inspection, the Sodium Hypochlorite was being stored in the sunlight.



Attachment #13

Severity: Significant

Facility ID: DIVERSIFIED FOODS WELL

Category: Source

Attachment Comments: At the time of inspection, a hose bib was connected to the potable water and then connected to an unapproved filter.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 70171000000031758310

May 6, 2019

Ginger Curtis
PORT LOUIS TOWNHOMES
185 Belle Terre Blvd
Laplace, LA 70068

Re: Class I Sanitary Survey
PORT LOUIS TOWNHOMES Public Water System
PWS ID LA1103153
ST TAMMANY Parish

Dear Ms. Curtis:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 12, 2019 sanitary survey inspection of the public water supply system for PORT LOUIS TOWNHOMES (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
Jeff Bertoniere	Curtis Environmental Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/05/2017	06/15/2017	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM

Comments: Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.

At the time of the site visit a hose was observed attached to a threaded tap near the POE (Point of Entry) to provide water to the nearby sewer system. Although a vacuum breaker could be utilized should a spray nozzle be utilized on the hose a source of contamination may occur. A check valve shall be installed prior to the threaded tap that is being utilized to provide potable water to the sewer plant.

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/05/2017	06/15/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GROUND STORAGE

Comments: Smooth-nosed sampling tap(s) shall be provided to facilitate collection of water samples for both bacteriological and chemical analyses. The sample tap(s) shall be easily accessible.

At the time of the site visit a threaded tap was observed connected to the ground storage tank. If a threaded tap is needed for grounds maintenance, a vacuum breaker should be provided; otherwise the tap should be removed and a smooth-nosed tap installed.

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/05/2017	06/15/2017	Sanitary Survey, Finished	Minor	Source	1103153-001-PORT LOUIS TOWNHOMES WELL # 1

Comments: The discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage and freezing.

At the time of the site visit considerable rust was observed on the well piping. To ensure the water supply integrity from contamination the well piping should be cleaned and painted to ensure rust does not develop into leaks within the system.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE	Finished Water Storage	40 CFR 141.403 - The overflow for a ground- level storage reservoir shall open downward and be screened with twenty-four mesh non-corrodible screen. The screen shall be installed within the overflow pipe at a location least susceptible to damage by vandalism. If a flapper valve is used, a screen shall be provided inside the valve. During the inspection an overflow is not provided at the ground storage tank. To ensure the quality of the water supply, all water storage structures shall be provided with an overflow which is brought to an elevation between 12 and 24 inches above the ground surface, and discharges over a splash plate.
FACILITY	CATEGORY	FINDINGS
1103153-001 - PORT LOUIS TOWNHOMES WELL # 1	Source	40 CFR 141.403 and LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless and LDH-approved annual public notice is provided to customers. During the inspection a secondary source of groundwater is not provided for Port Louis Townhomes. A minimum of two sources of groundwater shall be provided and be approved by LDH.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE	Finished Water Storage	40 CFR 141.403 - Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. During the inspection the paint on the pipes inside the pump house is in disrepair and the pipes are showing rust. The pipes need to be sand blasted and repainted to prevent any further damage. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE	Finished Water Storage	40 CFR 141.403 and LAC 51:XII.337.A - All cisterns and storage tanks shall be of watertight construction and made of concrete, steel or other materials approved for this purpose by the state health officer. When located wholly or partly below ground, such storage basins shall be corrosion resistant materials. During the inspection the storage tank showed signs of corrosion and rust. All water storage facilities shall be maintained to prevent further corrosion and limit the potential for leaks. **See Attachment #3**

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT FOR WELL #1	Treatment	40 CFR 141.403 - Calibration tubes or mass flow monitors which allow for direct physical checking of actual feed rates shall be fitted. During the inspection a calibration tube is not provided at the treatment plant. A calibration tube shall be installed to monitor and adjust feeding rates. Provisions shall be made for measuring the quantities of chemicals used in order to prevent reaching the max dosage of the applied chemical.
FACILITY	CATEGORY	FINDINGS
1103153-001 - PORT LOUIS TOWNHOMES WELL # 1	Source	40 CFR 141.403 - Protection from physical damage shall be provided as required by the reviewing authority. During the inspection, the casing is noted to have rust. The well casing, as all well appurtenances, must be protected from physical damage, including that from corrosion. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1103153-001 - PORT LOUIS TOWNHOMES WELL # 1	Source	40 CFR 141.403 -The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained. During the inspection a flow meter and check valve is not provided on the discharge line. The discharge piping shall be equipped with a flow meter capable of measuring and totalizing the flow. A check valve must be installed on the well discharge pipe downstream of the well and upstream of the chlorine injection site to prevent chlorinated water from re-entering the well. **See Attachment #7**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

The water storage tank does not have a scheduled routine inspection. LDH strongly recommends that all water storage tanks be inspected every 3 to 5 years.

40 CFR 141.403 - Sample taps shall be provided so that water samples can be obtained from appropriate locations in each unit of operation of treatment, and from the finished water. Taps shall be consistent with sampling needs and shall not be of the petcock type. Taps used for obtaining samples for bacteriological analysis shall be of the smooth-nosed type without interior or exterior threads, shall not be of the mixing type, and shall not have a screen, aerator, or other such appurtenance.

During the inspection TCR-006 sampling tap is not of smooth-nosed type. Replace the sampling tap with a smooth nozzle for bacteriological analysis. See Attachment #4

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

Respectfully,

Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: PORT LOUIS TOWNHOMES WELL # 1

Category: Source

Attachment Comments: Rust is visible at the well casing.



Attachment #2

Severity: Minor

Facility ID: GROUND STORAGE

Category: Finished Water Storage

Attachment Comments: Corrosion is visible on the metal piping inside the pump house.



Attachment #3

Severity: Minor

Facility ID: GROUND STORAGE

Category: Finished Water Storage

Attachment Comments: The storage tank showed signs of corrosion.



Attachment #4

Severity: Recommendations

Facility ID: TREATMENT PLANT FOR WELL #1

Category: Treatment

Attachment Comments: A smooth nozzle sample tap is not provided at TCR-006.



Attachment #7

Severity: Minor

Facility ID: PORT LOUIS TOWNHOMES WELL # 1

Category: Source

Attachment Comments: A check valve and a flow meter is not provided at the well.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1659

August 29, 2019

Tim Brown
ST TAM PARISH - ST GERTRUDE
620 N Tyler St
Covington, LA 70433

Re: Class I Sanitary Survey
ST TAM PARISH - ST GERTRUDE Public Water System
PWS ID LA1103154
ST TAMMANY Parish

Dear Mr. Brown:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 19, 2019 sanitary survey inspection of the public water supply system for ST TAM PARISH - ST GERTRUDE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Ariel Bennett	St. Tammany Parish Government
Chad Freeman	St. Tammany Parish Government

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1103154-001 - TAP AT ST GERTRUDE WELL	Source	There was no secondary source of water at the time of inspection. Provide for at least two (2) approved sources of water. Consult with a licensed Professional Engineer (LA) or licensed well driller as necessary. Discuss actions with LDH prior to taking action. Please contact LDH for questions related to public notification in lieu of construction. LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless otherwise specified by the state health officer.
FACILITY	CATEGORY	FINDINGS
1103154-001 - TAP AT ST GERTRUDE WELL	Source	There was no well slab at the time of inspection. Please install a well slab to prevent possible source contamination. **See Attachment #1** LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. ... the well slab ... shall be maintained to prevent the introduction of contamination into the well casing and discharge piping.
FACILITY	CATEGORY	FINDINGS
1103154-001 - TAP AT ST GERTRUDE WELL	Source	There was algae growth on the well casing at the time of inspection. Please remove algae to prevent possible source contamination. **See Attachment #2** LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. ... all well appurtenances including casing... shall be maintained to prevent the introduction of contamination into the well casing and discharge piping.
FACILITY	CATEGORY	FINDINGS
1103154-001 - TAP AT ST GERTRUDE WELL	Source	The hole that the electrical wiring passes through was not sealed at the time of inspection. Please seal the hole to prevent possible source contamination. **See Attachment #2** LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. ... all well appurtenances including casing... shall be maintained to prevent the introduction of contamination into the well casing and discharge piping.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - ST. GERTRUDE	Treatment	The chlorine solution tank did not have an overflow and a receiving basin capable of receiving accidental spills. Please provide required overflow and receiving basin. **See Attachment #3** LAC 51:XII.I.203.I.4.b - Liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	There was exposed electrical wiring around the well casing at the time of inspection. Electrical wiring should have proper shields to prevent injury. **See Attachment #2** LAC 51:XII.157.B - The design shall comply with all applicable safety codes and regulations that include, but are not limited to, the codes adopted under the authority of Act 12 of the 2005 First Extraordinary Session, State Fire Marshal regulations (see LAC 55:V), National Fire Protection Association (NFPA) standards, and federal Occupational Health and Safety Administration (OSHA) standards.

1. It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.

2. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: TAP AT ST GERTRUDE WELL

Category: Source

Attachment Comments: There was no well slab at the time of inspection. Please install a well slab to prevent possible source contamination.



Attachment #2

Severity: Significant/Recommendation

Facility ID: TAP AT ST GERTRUDE WELL

Category: Source

Significant Deficiencies Comments: There was algae growth on the well casing and the hole that the electrical wiring passes through was not sealed at the time of inspection. Please remove the algae and seal the hole to prevent possible source contamination.

Recommendation Comments: There was exposed electrical wiring around the well casing at the time of inspection. Electrical wiring should have proper shields to prevent injury.



Attachment #3

Severity: Minor

Facility ID: ST. GERTRUDE

Category: Treatment

Attachment Comments: The chlorine solution tank did not have an overflow and a receiving basin capable of receiving accidental spills. Please provide required overflow and receiving basin.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL:70161970000073491740

June 5, 2019

Tab Damiens
LEWISBURG ESTATES
P.O. Box 1034
Madisonville, LA 70447

Re: Class I Sanitary Survey
LEWISBURG ESTATES Public Water System
PWS ID LA1103156
ST TAMMANY Parish

Dear Damiens:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 22, 2019 sanitary survey inspection of the public water supply system for LEWISBURG ESTATES (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	**Organization**
Corey Harris	LDH-OPH Region IX Engineer
Jeff Bertoniere	Curtis Environmental Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	Per LAC 51:XII.319.D.2, for any community water supply and non-community water supply serving a hospital, a standby power supply shall be provided through a dedicated portable or in-place auxiliary power of adequate supply and connectivity. At the time of inspection, no generator was present for backup power.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Per LAC 51:XII.344.B, each water supplier shall develop and implement a written backflow prevention plan outlining the policies and procedures it will use to verify that its customers comply with mandatory containment practices, and shall make a reasonable effort to ensure that only customers who comply with mandatory containment practices connect or remain connected to its water supply. At the time of inspection records of a cross connection plan were not provided.
FACILITY	CATEGORY	FINDINGS
1103156-001 - LEWISBERG ESTATES WELL #1	Source	Per LAC 51.XII.319.D.7, there shall be no pathway for contamination into the well casing or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. At the time of inspection, the well slab was damaged. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1103156-001 - LEWISBERG ESTATES WELL #1	Source	Per LAC 51:XII.169.B.2, when groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless otherwise specified by the state health officer. At the time of inspection there was no secondary source of water.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Per LAC 51:XII.1505.D., copies of records and reports for any off-site approved chemical laboratory/drinking water shall be filed in a folder identifying the public water system by name as well as its public water system identification number (PWS ID #). At the time of inspection, records of a consumer confidence report were not provided. Additional requests for records were not met.
FACILITY	CATEGORY	FINDINGS
1103156-001 - LEWISBERG ESTATES WELL #1	Source	Per LAC 51:XII.169.H.3.iv, the discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, and a means of measuring flow. At the time of inspection there was no master flow meter at the well site.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4950.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: LEWISBERG ESTATES WELL #1

Category: Source

Attachment Comments: Well slab and the area around the slab needs maintenance.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7005 1820 0002 1133 7114

November 25, 2019

David McQueen
Town of Pearl River
P O Box 1270
Pearl River, LA 70452

Re: Class I Sanitary Survey
Town of Pearl River Public Water System
PWS ID LA1103157
St. Tammany Parish

Dear Mayor McQueen:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 20, 2019 sanitary survey inspection of the public water supply system for Town of Pearl River (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	**Organization**
Corey Harris	LDH-OPH Region IX Engineer
Ricky Hamm	Town of Pearl River

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/07/2016	12/29/2016	Sanitary Survey, Finished	Minor	Source	1103157-003-NORTH 7TH & AVE D - WELL # 3
Comments: At the time of the survey minor rust was observed on the discharge piping. Maintenance including cleaning and painting is recommended.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/07/2016	12/29/2016	Sanitary Survey, Finished	Recommendations	Source	1103157-002-TOWN OF PEARL RIVER (NEW) WELL 02
Comments: At the time of the survey minor rust was observed on the discharge piping. Maintenance including cleaning and painting is recommended.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/07/2013	05/17/2013	Sanitary Survey, Finished	Recommendations	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: A Cross Connection Control Ordinance has been adopted by the Town of Pearl River, however a cross connection control survey is recommended to be performed by an individual trained in cross connection identification and control.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1103157-003 - NORTH 7TH & AVE D - WELL # 3	Source	At the time of inspection, the area around the well slab was eroded and exposed the well to possible contamination. LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. ... the well slab ... shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. Repair or replace the well slab. **See Attachment #1**

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, The Town of Pearl River is here-by notified that PWS is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. A well pumping test is currently not performed - pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

2. Develop and implement a valve exercising program. A valve exercise program will help locate closed values and ensures looped pipelines are operating as designed.

3. It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.

4. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: NORTH 7TH & AVE D - WELL # 3

Category: Source

Attachment Comments: Eroded well slab

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 70190700000059891383

June 14, 2019

David Guidry
OAK RIVER ESTATES
PO Box 1466
Covington, LA 70434

Re: Class I Sanitary Survey
OAK RIVER ESTATES Public Water System
PWS ID LA1103159
ST TAMMANY Parish

Dear Mr. Guidry:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 4, 2019 sanitary survey inspection of the public water supply system for OAK RIVER ESTATES (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
David Guidry	Artesian Water Company

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

All unresolved deficiencies have been cited with this recent site visit date.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
MANAGEMENT	Operator Compliance with State Requirements	LAC 51:XII.309.A - All public water supplies shall be under the supervision and control of a duly certified operator as per requirements of the State Operator Certification Act, Act 538 of 1972, as amended. During the inspection there is no evidence supporting a licensed operator is in control of the public water system. Oak River Estates is required to have at least one operator with a Class 1 Certification in Water Production AND Water Distribution for simple disinfection.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	LAC 51:XII.344 - Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods. During the inspection the Public Water System does not have a formal cross connection control program. A cross connection control program, with written policies and procedures shall be provided to ensure protection of the potable water supply.
FACILITY	CATEGORY	FINDINGS
1103159-002 - OAK RIVER WELL 2	Source	LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless and LDH-approved annual public notice is provided to customers. During the inspection the secondary source is not connected to the public water system. The second groundwater source shall meet all regulations and be placed back into service. Submit appropriate samples to clear the well and contact Region 9 for clearance. **See Attachment #2**

55Deficiencies

FACILITY	CATEGORY	FINDINGS
MANAGEMENT	M&R and Data Verification	LAC 51:XII.1112.A - A thorough cleaning of analytical instrumentation (particularly continuous monitoring turbidimeters, disinfectant residual monitors, and pH meters) shall be performed, as necessary, prior to performing any calibration/validation. On a weekly basis, continuous monitoring turbidimeters and continuous disinfectant residual monitors shall be inspected to determine if there is any material or sedimentation in the measuring chambers. Records of such inspection/cleaning shall be kept for at least three years and such records shall include meter location (e.g., model and serial number), dates of cleaning, and the name of the person performing the cleaning. During the inspection the disinfectant residual monitor appeared to be in poor condition. The monitor shall include a meter location, unique meter identification (e.g., model and serial number), dates and results of calibration/validation, and any corrective actions taken.
FACILITY	CATEGORY	FINDINGS
MANAGEMENT	M&R and Data Verification	LCA 51:XII.367.F - Chlorine residuals shall be measured in accordance with the analytical methods set forth in Section 1105.C of this Part. During the inspection the disinfectant residual monitor is equipped with only plastic vials. According to past chlorine residuals the glass vials shall be obtained for low reading measurements, concentrations typically less than 2mg/l. Supply the colorimeter with glass vials to measure low chlorine residuals.
FACILITY	CATEGORY	FINDINGS
TP001 - ENTRY POINT AT STORAGE	Treatment	Calibration tubes or mass flow monitors which allow for direct physical checking of actual feed rates shall be fitted. During the inspection a calibration tube is not provided at the treatment plant. A calibration tube shall be installed to monitor and adjust feeding rates. Provisions shall be made for measuring the quantities of chemicals used in order to prevent reaching the max dosage of the applied chemical.
FACILITY	CATEGORY	FINDINGS
TP001 - ENTRY POINT AT STORAGE	Treatment	Chemical shipping containers shall be fully labeled to include chemical name, purity and concentration, and supplier name and address. During the inspection the chemical storage tank used for the sodium hypochlorite is not properly labeled. The storage tank shall be labeled with chemical information from the chemical supplier. **See Attachment #1**

FACILITY	CATEGORY	FINDINGS
TP001 - ENTRY POINT AT STORAGE	Treatment	Liquid chemical storage tanks must have a liquid level indicator and have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge. a common receiving basin may be provided for each group or compatible chemicals, that provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank. During the inspection the sodium hypochlorite storage container did not have receiving basins capable of receiving accidental spills or overflows. Receiving basins should be provided for all chemical containers.
FACILITY	CATEGORY	FINDINGS
TP001 - ENTRY POINT AT STORAGE	Treatment	Storage containers of tanks shall be sited out of the sunlight in a cool area and shall be vented to the outside of the building. During the inspection the sodium hypochlorite container is located in direct sunlight. To maintain and preserve the uniform chemical strength all liquid storage tanks shall be kept covered.
FACILITY	CATEGORY	FINDINGS
1103159-001 - OAK RIVER ESTATES WELL	Source	The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained. During the inspection a flow meter and a pressure gauge is not provided on the discharge line. The discharge piping shall be equipped with a flow meter capable of measuring and totalizing the flow for determining chemical feed rates. Replace or repair the pressure gauge in order to monitor positive pressure at the well.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. **The water storage tank does not have a scheduled routine inspection. LDH strongly recommends that all water storage tanks be inspected every 3 to 5 years.**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9003550	09/26/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	09/01/2018 - 09/30/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

Respectfully,

Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: ENTRY POINT AT STORAGE

Category: Treatment

Attachment Comments: The sodium hypochlorite is located in direct sunlight without a receiving basin and a chemical label.



Attachment #2

Severity: Significant

Facility ID: OAK RIVER WELL 2

Category: Source

Attachment Comments: Second source is not connected and is not equipped with a sampling tap and check valve.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **70190700000059891499**

November 18, 2019

Kelly Mchugh
H2O Systems Inc. – Whippoorwill Grove
845 Galvez St
Mandeville, LA 70448

Re: Class I Sanitary Survey
H2O Systems Inc.-Whippoorwill Grove Public Water System
PWS ID LA1103165
St. Tammany Parish

Dear Mr. Mchugh:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 28, 2019 sanitary survey inspection of the public water supply system for H2O Systems Inc. – Whippoorwill Grove. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
Ronald Lloyd	H2O Systems, Inc.

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/02/2015	12/21/2015	Sanitary Survey, Finished	Minor	Treatment	TP001-WHIPPOORWILL GROVE TREATMENT PLANT 001
Comments: During the inspection it was noted that there was no containment for the TMB461. Liquid chemical storage tanks must have containment that provides sufficient volume to prevent accidental discharge in the event of failure of the tank.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/13/2012	06/06/2012	Sanitary Survey, Finished	Minor	Source	1103165-001-WHIPPOORWILL GROVE WELL 001
Comments: Two wells are located at the Whippoorwill Grove well site. Well 1103165-001 was inoperative at the time of inspection and therefore it is not an acceptable second source. Danette Jenkins was notified on March 1, 2012. The notification indicated that the old well would be placed back on line soon but this office has not received any information regarding this.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	A generator was not provided. A generator or alternate power source shall be provided to allow for the operation of the water system in times of a power outage. LAC51:XII.135.A - Dedicated Standby power shall be provided by any community water supply and any non-community water supply serving a hospital so that water may be treated and/or pumped to the distribution system during outages to meet the average daily demand during the month of maximum water use. To ensure continuous service when the primary power has been interrupted, a standby power supply shall be provided through connection to at least two independent public power sources, or portable or in-place auxiliary power.
FACILITY	CATEGORY	FINDINGS
1103165-002 – Whippoorwill Well 2	Source	A second source of groundwater was not provided. LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless and LDH-approved annual public notice is provided to customers.

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - Distribution System	Distribution System	A threaded tap was located at the POE sample tap. LAC 51:XII.903.B - The water supply must provide suitable taps which draw water directly from the mains or the service lines. Such taps provide for samples which are most representative of the quality of water provided without "interference" which may be caused by plumbing problems within residences or other structures. Use of such taps decreases the chance of "bad samples" resulting in a coliform maximum contaminant level (MCL) violation which requires public notification by the public water supply and an administrative enforcement action by the EPA/DHH against the public water supply. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1103165-002 - Whippoorwill Well 2	Source	A flow meter was not provided on the discharge piping. LAC 51:XII.169.H.3.a.iv - The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

Respectfully,

Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: A threaded tap was provided at the POE sample tap.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70171000000031758426

May 1, 2019

Tim Brown
ST TAM PARISH - ABITA LAKES
620 N Tyler St
Covington, LA 70433

Re: Class I Sanitary Survey
ST TAM PARISH - ABITA LAKES Public Water System
PWS ID LA1103173
ST TAMMANY Parish

Dear Mr. Brown:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 17, 2019 sanitary survey inspection of the public water supply system for ST TAM PARISH - ABITA LAKES (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
Ariel Bennett	St. Tammany Parish Government
Jie Gu	LDH-OPH Region IX Engineer

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/08/2017	06/21/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	HD001-HYDROPNEUMATIC TANK
Comments: Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. At the time of the site visit rust was observed on the storage tank. To ensure the continued operation of the tank and the quality of the water supply, maintenance of the storage tank should include cleaning, rust removal, and painting.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	Per LAC 51:XII.319.D.2, for any community water supply and non-community water supply serving a hospital. A standby power supply shall be provided through a dedicated portable or in-place auxiliary power of adequate supply and connectivity. At the time of inspection, no generator was present for backup power.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - ABITA LAKES TP @ WELL #1	Treatment	Per LAC 51:XII.203.I.4.b, liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge. Sodium Hypochlorite did not have secondary containment at time of inspection. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1103173-001 - WELL #1 @ ABITA LAKES WEST	Source	Per LAC 51:XII.169.H.3.a.iv, the discharge piping shall be equipped with a means of measuring flow. There was no flow meter at the time of inspection.
FACILITY	CATEGORY	FINDINGS
1103173-002 - WELL #2 EAST	Source	Per LAC 51:XII.169.H.3.a.iv, the discharge piping shall be equipped with a means of measuring flow. There was no flow meter at the time of inspection.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: ABITA LAKES TP @ WELL #1

Category: Treatment

Attachment Comments: Chemical storage tank was not double walled and did not have a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7019 0700 0000 5989 1444**

October 10, 2019

Rene Peytral
DREAM COURTS MOBILE HOME PARK
P. O. Box 1088
Pearl River, LA 70452

Re: Class I Sanitary Survey
DREAM COURTS MOBILE HOME PARK Public Water System
PWS ID LA1103174
ST TAMMANY Parish

Dear Mr. Peytral:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 12, 2019 sanitary survey inspection of the public water supply system for DREAM COURTS MOBILE HOME PARK (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
Rene Peytral	PRG Contracting, Inc.

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The water system does not have a dedicated standby power supply to provide water during power outages. LAC51:XII.135.A - Dedicated Standby power shall be provided by any community water supply and any non-community water supply serving a hospital so that water may be treated and/or pumped to the distribution system during outages to meet the average daily demand during the month of maximum water use. To ensure continuous service when the primary power has been interrupted, a standby power supply shall be provided through connection to at least two independent public power sources, or portable or in-place auxiliary power
FACILITY	CATEGORY	FINDINGS
DS0950 - Distribution System	Distribution System	Appropriate backflow prevention device(s) were not on all threaded taps to prevent the possibility of unsafe water from entering the public water supply. LAC 51:XII.343.A - There shall be no physical connection between a public water supply and any other water supply which is not of equal sanitary quality and under an equal degree of official supervision. And there shall be no connection or arrangement by which unsafe water may enter a public water supply system. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
DS0950 – Distribution System	Distribution System	The water system did not provide a cross connection control plan outlining the backflow prevention policies and procedures. The water system must implement a cross connection control plan and maintain documentation of customers surveyed, identification of customers requiring backflow prevention devices, a record of annual testing for each device, and enforcement actions taken at non-compliant connections. LAC 51:XII.344 - Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.
FACILITY	CATEGORY	FINDINGS
1103174-001 - Dream Court MHP Well 001	Source	A minimum of two (2) approved sources of water were not provided. A licensed Professional Engineer (LA) or a licensed well driller may be consulted as necessary. Prior to taking action, consult with LDH for questions related to new construction and/or a public notification in lieu of construction.

		LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless and LDH-approved annual public notice is provided to customers.
FACILITY	CATEGORY	FINDINGS
1103174-001 – Dream Court MHP Well 001	Source	At the time of inspection the conduit was not securely installed on the well casing creating a pathway for contamination. A bypass line from the well source was discharging in contact with the ground surface. LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #1 and #3**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	State forms were not used to measure chlorine residuals at the ACR. LAC 51:XII.367.D - The records of the measurements and sampling required under Subsections A and B of this section shall be maintained on forms approved by the state health officer and shall be retained as prescribed in the National Primary Drinking Water Regulations, and shall be made available for review upon request by the state health officer.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Chlorine residuals were not recorded at the ACR on a monthly basis. LAC 51:XII.311.A - Complete daily records of the operation of a public water system, including reports of laboratory control tests, shall be kept and retained as prescribed in the National Primary Drinking Water Regulations on forms approved by the state health officer. When specifically requested by the state health officer or required by other requirements of this Part, copies of these records shall be provided to the office designated by the state health officer within 10 days following the end of each calendar month. Additionally, all such records shall be made available for review during inspections/sanitary surveys performed by the state health officer.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Sample vials for the colorimeter were discolored and not maintained clean.

		LAC 51:XII.1112.A - A thorough cleaning of analytical instrumentation (particularly continuous monitoring turbidimeters, disinfectant residual monitors, and pH meters) shall be performed, as necessary, prior to performing any calibration/validation. On a weekly basis, continuous monitoring turbidimeters and continuous disinfectant residual monitors shall be inspected to determine if there is any material or sedimentation in the measuring chambers. Records of such inspection/cleaning shall be kept for at least three years and such records shall include meter location (e.g., model and serial number), dates of cleaning, and the name of the person performing the cleaning.
FACILITY	CATEGORY	FINDINGS
1103174-001 - Dream Court MHP Well 001	Source	A means of measuring flow was not provided. LAC 51:XII.169.H.3.a.iv - The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

2. A well pumping test is currently not performed - pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

Required by Law

1. In accordance with the provisions found in ACT No. 292, LA1103174 is here-by notified that LA1103174 is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
420	07/26/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2019 - 07/31/2019

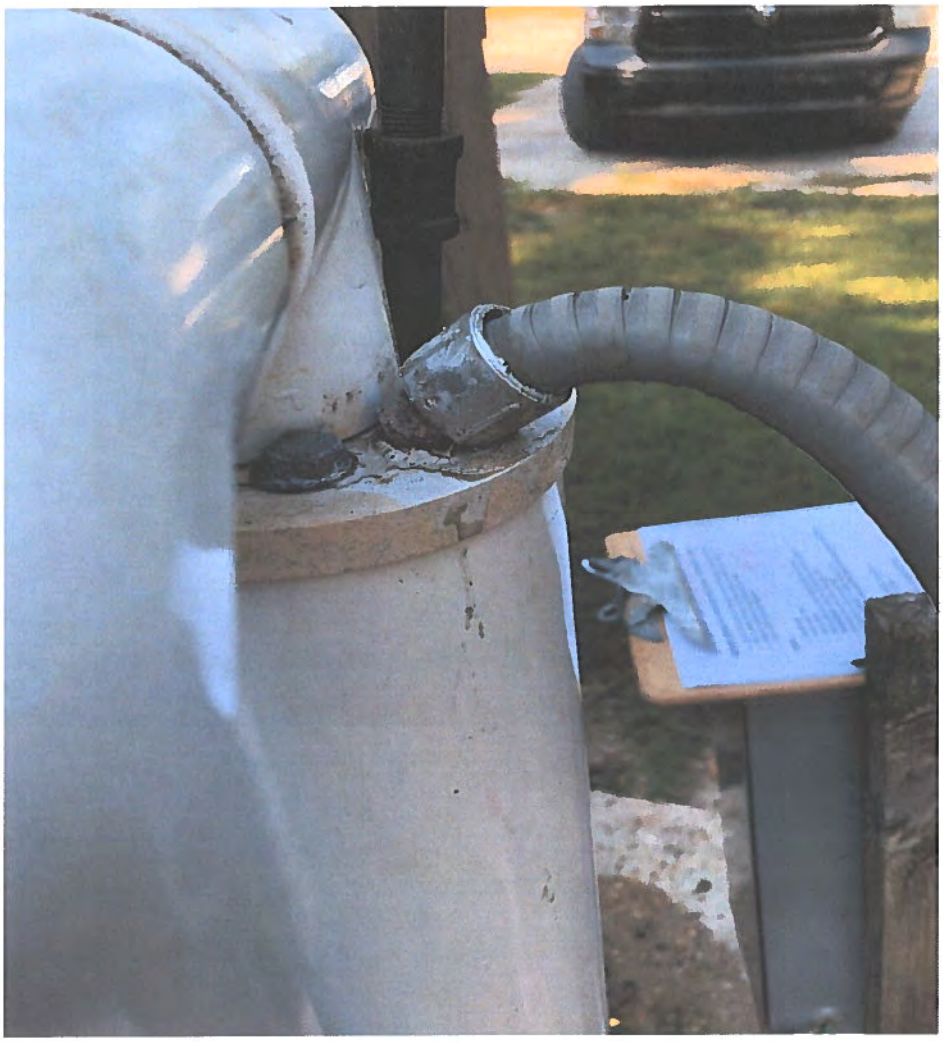
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

Respectfully,

Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: DREAMCOURT MHP WELL 001

Category: Source

Attachment Comments: There was a visible hole in the well casing.



Attachment #2

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Threaded taps did not have the appropriate backflow prevention devices installed.



Attachment #3

Severity: Significant

Facility ID: DREAMCOURT MHP WELL 001

Category: Source

Attachment Comments: A bypass line discharges directly in contact with the ground surface.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of the Secretary

CERTIFIED MAIL: 7017 1450 0001 7076 4624

March 8, 2019

Ms. Sandra Johnson
S and J RV Park
56054 Blue Ridge Drive
Slidell, LA 70461

Re: Level 2 Assessment
S and J RV Park
PWS ID LA1103175
St. Tammany Parish

Dear Ms. Sandra Johnson:

The Louisiana Department of Health performed an RTCR Level 2 Assessment of the public water supply system for S and J RV Park on February 25, 2019. The intent of this assessment, in response to multiple positive total coliform samples in a running 12 month period, is to locate sanitary defects the could infer with the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code.

Parties Present

Name	Organization
Jacob Haffner	OPH-District II Engineering
Kevin Hagan	OPH-Region IX Engineering

The RTCR Level 2 Assessment form is enclosed with this letter. Please review the findings of the assessment report. The sanitary defects listed in the table, starting on page 4 of the RTCR Level 2 Assessment Form titled "Issue Descriptions and Corrective Actions" must be corrected and a written response submitted to the department. The response is due 30 days from receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these sanitary defects, then the written response must also contain a request with specific dates when the sanitary defects will be corrected.

Re: Level 2 Assessment
S and J RV Park
PWS ID LA1103175
St. Tammany Parish

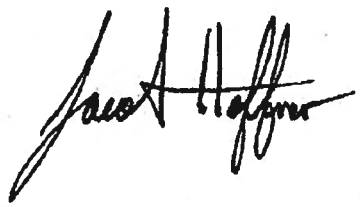
Written Response Required

Send written responses and confirmation regarding findings of the RTCR Level 2 Assessment to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Region II
Attn: Jacob Haffner, P.E.
P.O Box 4489
Baton Rouge, LA 70821-4489

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-342-7363.

Respectfully,



Jacob Haffner, P.E.
District II Engineer

Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: S and J RV Park		PWS ID#: 1103175
Contact Name: Sandra Johnson		Phone #: 985-788-6536
PWS Address: 56054 Blue Ridge Drive		E-mail: SandraJohnson985@gmail.com
Name of Lead Assessor: Jacob Haffner		Date Completed: 2/25/2019
Level 2 Trigger	*E. coli* Positive: YES ☐NO ■	If yes, which sample(s) from Section II? #1
	2nd Level 1: YES ☐NO ☐	Date of 1st Level 1:

II. Positive Sample Information (Use page 7 to report additional positive monthly samples)

Positive Sample #1:	Sample POC#:A1901829-004	Sample POC Name: 9POM	
Sample Date: 2/19/2019	Name of Sample Collector: K. HAGAN		
Chlorine Residual: Free ■ Total ☐	Not Measured ☐		0.00 mg/L
Was the sample collected according to the sample siting plan?		YES ■	NO ☐
Was the condition of the sample tap appropriate for collection?		YES ■	NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ■	NO ☐

Positive Sample #2:	Sample POC#:1901829-003	Sample POC Name: MRT-003	
Sample Date: 2/19/2019	Name of Sample Collector: K. HAGAN		
Chlorine Residual: Free ■ Total ☐	Not Measured ☐		0.00 mg/L
Was the sample collected according to the sample siting plan?		YES ■	NO ☐
Was the condition of the sample tap appropriate for collection?		YES ■	NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ■	NO ☐

Positive Sample #3:	Sample POC#:1901829-002	Sample POC Name: REPEAT DOWN	
Sample Date: 2/19/2019	Name of Sample Collector: K. HAGAN		
Chlorine Residual: Free ■ Total ☐	Not Measured ☐		0.02 mg/L
Was the sample collected according to the sample siting plan?		YES ■	NO ☐
Was the condition of the sample tap appropriate for collection?		YES ■	NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ■	NO ☐

Positive Sample #4:	Sample POC#:A1901829-001	Sample POC Name: REPEAT UPSTREAM	
Sample Date: 2/19/2019	Name of Sample Collector: K. HAGAN		
Chlorine Residual: Free ■ Total ☐	Not Measured ☐		0.00 mg/L
Was the sample collected according to the sample siting plan?		YES ■	NO ☐
Was the condition of the sample tap appropriate for collection?		YES ■	NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ■	NO ☐

III. Assessment Questions

A. Source – Well

**If PWS does not use a well source check here and skip to subsection B* ☐

Which well sources were not used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Was a new source activated?		x		
2. Is the ground graded to prevent surface water flow towards the well?	x			
3. Does the well casing extend at least 18" above the ground?	x			
4. Is the exposed portion of the well casing in good condition?	x			
5. Does the well have a secured sanitary seal well cap?		x		
6. Is the sanitary seal well cap vented and screened?			x	
7. Is there a down turned well vent that is at least 24 inches above the ground surface?			x	
8. Are appropriate backflow prevention devices installed, maintained and tested on all cross connections?		x		
9. Does raw water quality data indicate changes to the source water quality?			x	
10. Has source yield changed?			x	
11. Are there obvious sources of contamination in the vicinity of the well?		x		
12. Was the well pump recently repaired or replaced?	x			
13. Are there signs of vandalism at the well?		x		
14. Have there been any unusual weather events that may have impacted the well?		x		
15. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the well?		x		

Assessor Name: Jacob Haffner, P.E.

B. Source – Surface Water

**If PWS does not use a surface water source check here and skip to subsection C* X

Which surface water sources were used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Is the surface water intake screened and maintained?				
2. Is the pump house protected from unauthorized personnel?				
3. Does raw water quality data indicate changes to the source water quality?				
4. Are there obvious sources of contamination within the nearby watershed?				
5. Are there signs of vandalism at the surface water intake?				
6. Have severe weather events such as heavy rainfall, rapid snowmelt, drought, or reservoir turnover occurred?				
7. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the source?				

Assessor Name:

C. Treatment Processes

Questions:	YES	NO	N/A	Unk.
1. Have there been interruptions in any treatment processes?	x			
2. Has the treatment plant(s) or finished water pump(s) experienced any power interruptions?		x		
3. Has there been any recent installation or repair of treatment equipment?	x			
4. Have there been changes to any treatment processes?		x		
5. Does water quality data indicate inadequate/inappropriate treatment of water?	x			
6. Are all treatment processes operational and maintained?		x		
7. Is there an air gap between treatment instrumentation and waste lines?			x	
8. Were there any failures to meet required CT values?			x	
9. Did treatment plant flow rates exceed the permitted capacity?			x	
10. Is the PWS meeting all permit special conditions (alternative treatment technologies)?			x	
11. Did a review of the turbidity data reveal any anomalies?			x	
12. Did a review of chlorine residual data reveal any anomalies or deficiencies?	x			

Assessor Name: Jacob Haffner, P.E.

D. Distribution System

Questions:	YES	NO	N/A	Unk.
1. Have line breaks and repairs, or large firefighting events occurred?			x	
2. If samples were collected from inside a building, has there been any recent plumbing work conducted at the site?		x		
3. If samples were collected from inside a building, does the site have additional water treatment installed?		x		
4. Is there evidence that the system experienced low or negative pressure?	x			
5. Was there any scheduled flushing of the distribution system?		x		
6. Are pump stations protected from unauthorized personnel?		x		
7. Are appropriate backflow prevention devices installed, maintained, and tested on all cross connections?		x		
8. Are air relief valves maintained and operational without leaks?			x	
9. Are pump stations maintained and equipment operational?	x			
10. Are fire hydrants and blow offs maintained and operational without leaks?			x	
11. Does water quality data collected in the distribution system show results indicative of an issue?	x			
12. Have any water related customer complaints been received?	x			
13. Is there any evidence of intentional contamination in the distribution system?		x		

Assessor Name: Jacob Haffner, P.E.

E. Storage Tanks

**If no storage tank check here and skip to section IV.* ☐

Questions:	YES	NO	N/A	Unk.
1. Is the pressure tank maintaining an appropriate minimum pressure?	x			
2. Are all vents and overflow pipes screened?			x	
3. Is the tank maintained and free of rust, holes and leaks?		x		
4. Are there any unsealed openings in the storage facility such as access doors, vents or joints?		x		
5. Are signs of vandalism visible?		x		
6. Are roof hatches and manhole openings tightly covered and locked?			x	
7. Do downspouts and overflow pipes drain water away from structure?			x	
8. Have all storage tanks been inspected and cleaned within the last 5 years?		x		
9. Were there any repair activities associated with the storage tanks?		x		

Assessor Name: Jacob Haffner, P.E.

F. Water Quality Data Table

Parameter	Number of Each Sample Type Collected		
	Raw	Entry Point	Distribution
Chlorine Residual (mg/L)			
Turbidity (NTU)			
Coliform Bacteria			
Other (specify below)			

G. Issue Descriptions and Corrective Actions (Use page 8 to report additional issues)

** No issues were found during the assessment:* ☐

Issue Description (list section letter and #)	Corrective Action
c. 5. **At the time of inspection there was no chlorine in the chlorine storage tank and the chemical feed pump was not operational. A free chlorine residual of 0.5 mg/L is required to be maintained throughout the distribution system. There appears to be no improvement since the December 14, 2018 site visit.** **LAC 51:XII.357.A - Disinfection equipment shall be operated to maintain disinfectant residuals in each finished water storage tank and at all points throughout the distribution system at all times in accordance with the following minimum levels. 1. a free chlorine residual of 0.5 mg/l, or, 2. a chloramine residual (measured as total chlorine) of 0.5 mg/l for those systems that feed ammonia.**	

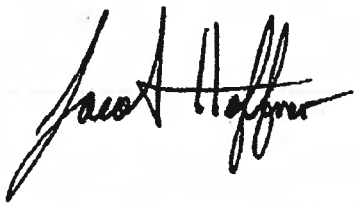
H. Verification

I hereby certify that the information contained herein is true and correct to the best of my knowledge, information and belief.

Lead Assessor's Name (print): Jacob Haffner, P.E.

Date: 3/8/2019

Lead Assessor's Name Signature:



Note - The completed form must be completed within 30 days of a public water system triggering a Level 2 Assessment.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7018 1830 0001 0580 9100

August 16, 2019

Ms. Sandra Johnson
S and J RV Park
56054 Blue Ridge Drive
Slidell, LA 70461

Re: Level 2 Assessment
S and J RV Park
PWS ID LA1103175
St. Tammany Parish

Dear Ms. Sandra Johnson:

The Louisiana Department of Health performed an RTCR Level 2 Assessment of the public water supply system for S and J RV Park on August 12, 2019. The intent of this assessment, in response to multiple positive total coliform samples in a running 12 month period, is to locate sanitary defects the could infer with the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code.

Parties Present

Name	**Organization**
Jacob Haffner	OPH-District II Engineering
Kevin Hagan	OPH-Central Office
Sandra Johnson	S & J RV Park
Steven Johnson	S & J RV Park

The RTCR Level 2 Assessment form is enclosed with this letter. Please review the findings of the assessment report. The sanitary defects listed in the table, starting on page 4 of the RTCR Level 2 Assessment Form titled "Issue Descriptions and Corrective Actions" must be corrected and a written response submitted to the department. The response is due 30 days from receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these sanitary defects, then the written response must also contain a request with specific dates when the sanitary defects will be corrected.

Re: Level 2 Assessment
S and J RV Park
PWS ID LA1103175
St. Tammany Parish

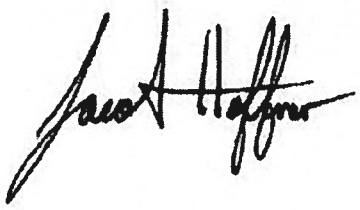
Written Response Required

Send written responses and confirmation regarding findings of the RTCR Level 2 Assessment to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Region II
Attn: Jacob Haffner, P.E.
P.O Box 4489
Baton Rouge, LA 70821-4489

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-342-7363.

Respectfully,



Jacob Haffner, P.E.
District II Engineer

Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: S and J RV Park			PWS ID#: 1103175
Contact Name: Sandra Johnson			Phone #: 985-788-6536
PWS Address: 56054 Blue Ridge Drive			E-mail: SandraJohnson985@gmail.com
Name of Lead Assessor: Jacob Haffner			Date Completed: 8/12/2019
Level 2 Trigger	*E. coli* Positive: YES ☐NO ■		If yes, which sample(s) from Section II? 1, 2, 3
	2nd Level 1: YES ■ NO ☐		Date of 1st Level 1: 10/18/2018

II. Positive Sample Information (Use page 7 to report additional positive monthly samples)

Positive Sample #1:	Sample POC#:TCR-005	Sample POC Name: Repeat	
Sample Date: 8/7/2019	Name of Sample Collector: K. HAGAN		
Chlorine Residual: Free ☐ Total ☐	Not Measured ☐		0.01 mg/L
Was the sample collected according to the sample siting plan?		YES ■	NO ☐
Was the condition of the sample tap appropriate for collection?		YES ■	NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ■	NO ☐

Positive Sample #2:	Sample POC#:RPDN	Sample POC Name: Repeat Downstream	
Sample Date: 8/7/2019	Name of Sample Collector: K. HAGAN		
Chlorine Residual: Free ■ Total ☐	Not Measured ☐		0.03 mg/L
Was the sample collected according to the sample siting plan?		YES ■	NO ☐
Was the condition of the sample tap appropriate for collection?		YES ■	NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ■	NO ☐

Positive Sample #3:	Sample POC#:RPUP	Sample POC Name: Repeat Upstream	
Sample Date: 8/7/2019	Name of Sample Collector: K. HAGAN		
Chlorine Residual: Free ■ Total ☐	Not Measured ☐		0.06 mg/L
Was the sample collected according to the sample siting plan?		YES ■	NO ☐
Was the condition of the sample tap appropriate for collection?		YES ■	NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ■	NO ☐

Positive Sample #4:	Sample POC#:9POM	Sample POC Name: Tap at Well 001	
Sample Date: 8/7/2019	Name of Sample Collector: K. HAGAN		
Chlorine Residual: Free ■ Total ☐	Not Measured ☐		0.01 mg/L
Was the sample collected according to the sample siting plan?		YES ■	NO ☐
Was the condition of the sample tap appropriate for collection?		YES ■	NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ■	NO ☐

III. Assessment Questions

A. Source – Well

**If PWS does not use a well source check here and skip to subsection B* ☐

Which well sources were not used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Was a new source activated?		x		
2. Is the ground graded to prevent surface water flow towards the well?	x			
3. Does the well casing extend at least 18" above the ground?	x			
4. Is the exposed portion of the well casing in good condition?	x			
5. Does the well have a secured sanitary seal well cap?		x		
6. Is the sanitary seal well cap vented and screened?			x	
7. Is there a down turned well vent that is at least 24 inches above the ground surface?			x	
8. Are appropriate backflow prevention devices installed, maintained and tested on all cross connections?		x		
9. Does raw water quality data indicate changes to the source water quality?			x	
10. Has source yield changed?			x	
11. Are there obvious sources of contamination in the vicinity of the well?		x		
12. Was the well pump recently repaired or replaced?		x		
13. Are there signs of vandalism at the well?		x		
14. Have there been any unusual weather events that may have impacted the well?		x		
15. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the well?	x			

Assessor Name: Jacob Haffner, P.E.

B. Source – Surface Water

**If PWS does not use a surface water source check here and skip to subsection C* ✗

Which surface water sources were used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Is the surface water intake screened and maintained?				
2. Is the pump house protected from unauthorized personnel?				
3. Does raw water quality data indicate changes to the source water quality?				
4. Are there obvious sources of contamination within the nearby watershed?				
5. Are there signs of vandalism at the surface water intake?				
6. Have severe weather events such as heavy rainfall, rapid snowmelt, drought, or reservoir turnover occurred?				
7. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the source?				

Assessor Name:

C. Treatment Processes

Questions:	YES	NO	N/A	Unk.
1. Have there been interruptions in any treatment processes?				x
2. Has the treatment plant(s) or finished water pump(s) experienced any power interruptions?				x
3. Has there been any recent installation or repair of treatment equipment?		x		
4. Have there been changes to any treatment processes?				x
5. Does water quality data indicate inadequate/inappropriate treatment of water?	x			
6. Are all treatment processes operational and maintained?		x		
7. Is there an air gap between treatment instrumentation and waste lines?			x	
8. Were there any failures to meet required CT values?			x	
9. Did treatment plant flow rates exceed the permitted capacity?			x	
10. Is the PWS meeting all permit special conditions (alternative treatment technologies)?			x	
11. Did a review of the turbidity data reveal any anomalies?			x	
12. Did a review of chlorine residual data reveal any anomalies or deficiencies?	x			

Assessor Name: Jacob Haffner, P.E.

D. Distribution System

Questions:	YES	NO	N/A	Unk.
1. Have line breaks and repairs, or large firefighting events occurred?				x
2. If samples were collected from inside a building, has there been any recent plumbing work conducted at the site?			x	
3. If samples were collected from inside a building, does the site have additional water treatment installed?			x	
4. Is there evidence that the system experienced low or negative pressure?				x
5. Was there any scheduled flushing of the distribution system?		x		
6. Are pump stations protected from unauthorized personnel?		x		
7. Are appropriate backflow prevention devices installed, maintained, and tested on all cross connections?		x		
8. Are air relief valves maintained and operational without leaks?			x	
9. Are pump stations maintained and equipment operational?	x			
10. Are fire hydrants and blow offs maintained and operational without leaks?			x	
11. Does water quality data collected in the distribution system show results indicative of an issue?	x			
12. Have any water related customer complaints been received?		x		
13. Is there any evidence of intentional contamination in the distribution system?		x		

Assessor Name: Jacob Haffner, P.E.

E. Storage Tanks

**If no storage tank check here and skip to section IV.* ☐

Questions:	YES	NO	N/A	Unk.
1. Is the pressure tank maintaining an appropriate minimum pressure?	x			
2. Are all vents and overflow pipes screened?			x	
3. Is the tank maintained and free of rust, holes and leaks?		x		
4. Are there any unsealed openings in the storage facility such as access doors, vents or joints?		x		
5. Are signs of vandalism visible?		x		
6. Are roof hatches and manhole openings tightly covered and locked?			x	
7. Do downspouts and overflow pipes drain water away from structure?			x	
8. Have all storage tanks been inspected and cleaned within the last 5 years?		x		
9. Were there any repair activities associated with the storage tanks?		x		

Assessor Name: Jacob Haffner, P.E.

F. Water Quality Data Table

Parameter	Number of Each Sample Type Collected		
	Raw	Entry Point	Distribution
Chlorine Residual (mg/L)		0.08 mg/L	0.09 mg/L
Turbidity (NTU)			
Coliform Bacteria			
Other (specify below)			

G. Issue Descriptions and Corrective Actions (Use page 8 to report additional issues)

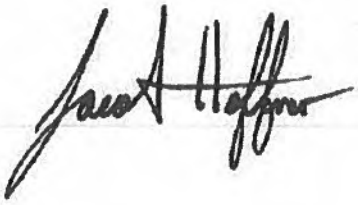
** No issues were found during the assessment:* ☐

Issue Description (list section letter and #)	Corrective Action
c. 5. **Sodium hypochlorite (bleach) was present in the chemical storage, the chemical pump was operational, however, free chlorine residual within the distribution system was below the required 0.5 mg/L. Reviewing recent inspections and BacT results demonstrates that the water system has not had consistent disinfection. A licensed water system operator is necessary to operate and maintain functionality of a water system.** **LAC 51:XII.309.A – All public water supplies shall be under the supervision and control of a duly certified operator as per requirements of the State Operator Certification Act, Act 538 of 1972, as amended (R.S. 40:1141-1151).**	

H. Verification

I hereby certify that the information contained herein is true and correct to the best of my knowledge, information and belief.

Lead Assessor's Name (print): Jacob Haffner, P.E.

Lead Assessor's Name Signature:  **Date: 8/16/2019**

Note - The completed form must be completed within 30 days of a public water system triggering a Level 2 Assessment.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7018 1830 0001 0580 9209

September 20, 2019

Ms. Sandra Johnson
S and J RV Park
56054 Blue Ridge Drive
Slidell, LA 70461

Re: Level 2 Assessment
S and J RV Park
PWS ID LA1103175
St. Tammany Parish

Dear Ms. Sandra Johnson:

The Louisiana Department of Health performed an RTCR Level 2 Assessment of the public water supply system for S and J RV Park on September 9, 2019. The intent of this assessment, in response to multiple positive total coliform samples in a running 12 month period, is to locate sanitary defects the could infer with the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code.

Parties Present

Name	**Organization**
Jacob Haffner	LDH-OPH District II Engineering
Eric Brown	LDH-OPH Region 9 Engineering

The RTCR Level 2 Assessment form is enclosed with this letter. Please review the findings of the assessment report. The sanitary defects listed in the table, starting on page 4 of the RTCR Level 2 Assessment Form titled "Issue Descriptions and Corrective Actions" must be corrected and a written response submitted to the department. The response is due 30 days from receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these sanitary defects, then the written response must also contain a request with specific dates when the sanitary defects will be corrected.

Re: Level 2 Assessment
S and J RV Park
PWS ID LA1103175
St. Tammany Parish

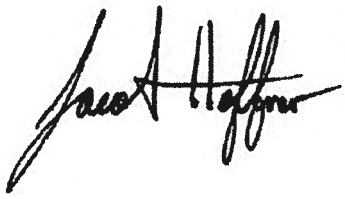
Written Response Required

Send written responses and confirmation regarding findings of the RTCR Level 2 Assessment to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Region II
Attn: Jacob Haffner, P.E.
P.O Box 4489
Baton Rouge, LA 70821-4489

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-342-7363.

Respectfully,



Jacob Haffner, P.E.
District II Engineer

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH Engineering

Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: S and J RV Park		PWS ID#: 1103175
Contact Name: Sandra Johnson		Phone #: 985-788-6536
PWS Address: 56054 Blue Ridge Drive		E-mail: SandraJohnson985@gmail.com
Name of Lead Assessor: Jacob Haffner		Date Completed: 9/9/2019
Level 2 Trigger	*E. coli* Positive: YES ☐NO ■	If yes, which sample(s) from Section II? 1, 2, 3
	2nd Level 1: YES ■ NO ☐	Date of 1st Level 1: 10/18/2018

II. Positive Sample Information (Use page 7 to report additional positive monthly samples)

Positive Sample #1:	Sample POC#:RPDN	Sample POC Name: Repeat Downstream	
Sample Date: 9/4/2019	Name of Sample Collector: K. HAGAN		
Chlorine Residual: Free ■ Total ☐	Not Measured ☐		0.03 mg/L
Was the sample collected according to the sample siting plan?		YES ■	NO ☐
Was the condition of the sample tap appropriate for collection?		YES ■	NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ■	NO ☐

Positive Sample #2:	Sample POC#:RPUP	Sample POC Name: Repeat Upstream	
Sample Date: 9/4/2019	Name of Sample Collector: K. HAGAN		
Chlorine Residual: Free ■ Total ☐	Not Measured ☐		0.09 mg/L
Was the sample collected according to the sample siting plan?		YES ■	NO ☐
Was the condition of the sample tap appropriate for collection?		YES ■	NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ■	NO ☐

Positive Sample #3:	Sample POC#:TCR-006	Sample POC Name: 56001-56095 Blue Ridge Drive	
Sample Date: 9/4/2019	Name of Sample Collector: K. HAGAN		
Chlorine Residual: Free ■ Total ☐	Not Measured ☐		0.09 mg/L
Was the sample collected according to the sample siting plan?		YES ■	NO ☐
Was the condition of the sample tap appropriate for collection?		YES ■	NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ■	NO ☐

Positive Sample #4:	Sample POC#:	Sample POC Name:	
Sample Date:	Name of Sample Collector:		
Chlorine Residual: Free ☐ Total ☐	Not Measured ☐		mg/L
Was the sample collected according to the sample siting plan?		YES ☐	NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐	NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐	NO ☐

III. Assessment Questions

A. Source – Well

**If PWS does not use a well source check here and skip to subsection B* ☐

Which well sources were not used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Was a new source activated?		x		
2. Is the ground graded to prevent surface water flow towards the well?	x			
3. Does the well casing extend at least 18" above the ground?	x			
4. Is the exposed portion of the well casing in good condition?	x			
5. Does the well have a secured sanitary seal well cap?		x		
6. Is the sanitary seal well cap vented and screened?			x	
7. Is there a down turned well vent that is at least 24 inches above the ground surface?			x	
8. Are appropriate backflow prevention devices installed, maintained and tested on all cross connections?		x		
9. Does raw water quality data indicate changes to the source water quality?			x	
10. Has source yield changed?			x	
11. Are there obvious sources of contamination in the vicinity of the well?		x		
12. Was the well pump recently repaired or replaced?		x		
13. Are there signs of vandalism at the well?		x		
14. Have there been any unusual weather events that may have impacted the well?		x		
15. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the well?		x		

Assessor Name: Jacob Haffner, P.E.

B. Source – Surface Water

**If PWS does not use a surface water source check here and skip to subsection C* ✗

Which surface water sources were used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Is the surface water intake screened and maintained?				
2. Is the pump house protected from unauthorized personnel?				
3. Does raw water quality data indicate changes to the source water quality?				
4. Are there obvious sources of contamination within the nearby watershed?				
5. Are there signs of vandalism at the surface water intake?				
6. Have severe weather events such as heavy rainfall, rapid snowmelt, drought, or reservoir turnover occurred?				
7. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the source?				

Assessor Name:

C. Treatment Processes

Questions:	YES	NO	N/A	Unk.
1. Have there been interruptions in any treatment processes?		x		
2. Has the treatment plant(s) or finished water pump(s) experienced any power interruptions?				x
3. Has there been any recent installation or repair of treatment equipment?		x		
4. Have there been changes to any treatment processes?		x		
5. Does water quality data indicate inadequate/inappropriate treatment of water?	x			
6. Are all treatment processes operational and maintained?		x		
7. Is there an air gap between treatment instrumentation and waste lines?			x	
8. Were there any failures to meet required CT values?			x	
9. Did treatment plant flow rates exceed the permitted capacity?			x	
10. Is the PWS meeting all permit special conditions (alternative treatment technologies)?			x	
11. Did a review of the turbidity data reveal any anomalies?			x	
12. Did a review of chlorine residual data reveal any anomalies or deficiencies?	x			

Assessor Name: Jacob Haffner, P.E.

D. Distribution System

Questions:	YES	NO	N/A	Unk.
1. Have line breaks and repairs, or large firefighting events occurred?				x
2. If samples were collected from inside a building, has there been any recent plumbing work conducted at the site?			x	
3. If samples were collected from inside a building, does the site have additional water treatment installed?			x	
4. Is there evidence that the system experienced low or negative pressure?	x			
5. Was there any scheduled flushing of the distribution system?	x			
6. Are pump stations protected from unauthorized personnel?		x		
7. Are appropriate backflow prevention devices installed, maintained, and tested on all cross connections?		x		
8. Are air relief valves maintained and operational without leaks?			x	
9. Are pump stations maintained and equipment operational?	x			
10. Are fire hydrants and blow offs maintained and operational without leaks?			x	
11. Does water quality data collected in the distribution system show results indicative of an issue?	x			
12. Have any water related customer complaints been received?		x		
13. Is there any evidence of intentional contamination in the distribution system?		x		

Assessor Name: Jacob Haffner, P.E.

E. Storage Tanks

**If no storage tank check here and skip to section IV.* ☐

Questions:	YES	NO	N/A	Unk.
1. Is the pressure tank maintaining an appropriate minimum pressure?		x		
2. Are all vents and overflow pipes screened?			x	
3. Is the tank maintained and free of rust, holes and leaks?		x		
4. Are there any unsealed openings in the storage facility such as access doors, vents or joints?		x		
5. Are signs of vandalism visible?		x		
6. Are roof hatches and manhole openings tightly covered and locked?			x	
7. Do downspouts and overflow pipes drain water away from structure?			x	
8. Have all storage tanks been inspected and cleaned within the last 5 years?		x		
9. **Were there any repair activities associated with the storage tanks?**		x		

Assessor Name: Jacob Haffner, P.E.

F. Water Quality Data Table

Parameter	Number of Each Sample Type Collected		
	Raw	Entry Point	Distribution
Chlorine Residual (mg/L)		Over range	Over range
Turbidity (NTU)			
Coliform Bacteria			
Other (specify below)			

G. Issue Descriptions and Corrective Actions (Use page 8 to report additional issues)

** No issues were found during the assessment:* ☐

Issue Description (list section letter and #)	Corrective Action
c. 6. **The chlorine pump was operating at the low range setting of the chlorine pump, below 5 percent of the pump operating range. The operating range of any chemical pump should be between 20 percent and 80 percent. Operating below this range can cause large swings in chlorine residual feed to the water distribution system.** **LAC 51:XII.203.D7 – chemical feeders and pumps shall operate at no lower than 20 percent of the feed range (…).**	
Issue Description (list section letter and #)	**Corrective Action**
e. 1. **During sampling the water pressure being maintained by the water system was less than 20 psi. This pressure was shown on a pressure gauge at the MRT. The sampling stations also were also sputtering air when turned on. Maintaining low pressure is a serious issue that may lead to outside contaminates entering the water system.** **The water system shall evaluate the cause of the low pressure issues and identify a solution and implement any necessary actions. If modifications to design are required, please submit to this office signed, stamped, and dated plans and specification from a Louisiana licensed professional engineer for review and approval by LDH.** **LAC 51:XII.237.A – The system shall be designed to maintain a minimum pressure of 20 psig at ground level at all points in the distribution system under all conditions of flow.**	

H. Verification

I hereby certify that the information contained herein is true and correct to the best of my knowledge, information and belief.

Lead Assessor's Name (print): Jacob Haffner, P.E.



Lead Assessor's Name Signature: **Date: 9/20/2019**

Note - The completed form must be completed within 30 days of a public water system triggering a Level 2 Assessment.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of the Secretary

CERTIFIED MAIL: 7017 1450 0001 7076 4631

March 26, 2019

Ms. Sandra Johnson
S and J RV Park
56054 Blue Ridge Drive
Slidell, LA 70461

Re: Level 2 Assessment
S and J RV Park
PWS ID LA1103175
St. Tammany Parish

Dear Ms. Sandra Johnson:

The Louisiana Department of Health performed an RTCR Level 2 Assessment of the public water supply system for S and J RV Park on March 14, 2019. The intent of this assessment, in response to multiple positive total coliform samples in a running 12 month period, is to locate sanitary defects the could infer with the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code.

Parties Present

Name	**Organization**
Jacob Haffner	OPH-District II Engineering
Blake Fogleman	OPH-Central Office

The RTCR Level 2 Assessment form is enclosed with this letter. Please review the findings of the assessment report. The sanitary defects listed in the table, starting on page 4 of the RTCR Level 2 Assessment Form titled "Issue Descriptions and Corrective Actions" must be corrected and a written response submitted to the department. The response is due 30 days from receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these sanitary defects, then the written response must also contain a request with specific dates when the sanitary defects will be corrected.

Re: Level 2 Assessment
S and J RV Park
PWS ID LA1103175
St. Tammany Parish

Written Response Required

Send written responses and confirmation regarding findings of the RTCR Level 2 Assessment to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Region II
Attn: Jacob Haffner, P.E.
P.O Box 4489
Baton Rouge, LA 70821-4489

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-342-7363.

Respectfully,

Jacob Haffner, P.E.
District II Engineer

Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

[redacted] Information

PWS Name: S and J RV Park		PWS ID#: 1103175
Contact Name: Sandra Johnson		Phone #: 985-788-6536
PWS Address: 56054 Blue Ridge Drive		E-mail: SandraJohnson985@gmail.com
Name of Lead Assessor: Jacob Haffner		Date Completed: 2/25/2019
Level 2 Trigger	*E. coli* Positive: YES ■ NO ☐	If yes, which sample(s) from Section II? 1, 2, 3
	2nd Level 1: YES ☐NO ☐	Date of 1st Level 1:

[redacted] Sample Information (Use page 7 to report additional positive monthly samples)

Positive Sample #1:	Sample POC#:RPUP	Sample POC Name: Repeat Upstream	
Sample Date: 3/13/2019	Name of Sample Collector: K. HAGAN		
Chlorine Residual: Free ☐ Total ☐	Not Measured ☐		0.00 mg/L
Was the sample collected according to the sample siting plan?		YES ■	NO ☐
Was the condition of the sample tap appropriate for collection?		YES ■	NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ■	NO ☐

Positive Sample #2:	Sample POC#:RPDN	Sample POC Name: Repeat Downstream	
Sample Date: 3/13/2019	Name of Sample Collector: K. HAGAN		
Chlorine Residual: Free ■ Total ☐	Not Measured ☐		0.02 mg/L
Was the sample collected according to the sample siting plan?		YES ■	NO ☐
Was the condition of the sample tap appropriate for collection?		YES ■	NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ■	NO ☐

Positive Sample #3:	Sample POC#:TCR-001	Sample POC Name: 41920-41964 US-190	
Sample Date: 3/13/2019	Name of Sample Collector: K. HAGAN		
Chlorine Residual: Free ■ Total ☐	Not Measured ☐		0.00 mg/L
Was the sample collected according to the sample siting plan?		YES ■	NO ☐
Was the condition of the sample tap appropriate for collection?		YES ■	NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ■	NO ☐

Positive Sample #4:	Sample POC#:9POM	Sample POC Name: Tap at Well 001	
Sample Date: 3/13/2019	Name of Sample Collector: K. HAGAN		
Chlorine Residual: Free ■ Total ☐	Not Measured ☐		0.02 mg/L
Was the sample collected according to the sample siting plan?		YES ■	NO ☐
Was the condition of the sample tap appropriate for collection?		YES ■	NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ■	NO ☐

[redacted]nent Questions

A. Source – Well

**If PWS does not use a well source check here and skip to subsection B* ☐

Which well sources were not used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Was a new source activated?		x		
2. Is the ground graded to prevent surface water flow towards the well?	x			
3. Does the well casing extend at least 18" above the ground?	x			
4. Is the exposed portion of the well casing in good condition?	x			
5. Does the well have a secured sanitary seal well cap?		x		
6. Is the sanitary seal well cap vented and screened?			x	
7. Is there a down turned well vent that is at least 24 inches above the ground surface?			x	
8. Are appropriate backflow prevention devices installed, maintained and tested on all cross connections?		x		
9. Does raw water quality data indicate changes to the source water quality?			x	
10. Has source yield changed?			x	
11. Are there obvious sources of contamination in the vicinity of the well?	x			
12. Was the well pump recently repaired or replaced?		x		
13. Are there signs of vandalism at the well?		x		
14. Have there been any unusual weather events that may have impacted the well?		x		
15. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the well?	x			

Assessor Name: Jacob Haffner, P.E.

B. Source – Surface Water

**If PWS does not use a surface water source check here and skip to subsection C* ✗

Which surface water sources were used during the monitoring period? **Questions:**	YES	NO	N/A	Unk.
1. Is the surface water intake screened and maintained?				
2. Is the pump house protected from unauthorized personnel?				
3. Does raw water quality data indicate changes to the source water quality?				
4. Are there obvious sources of contamination within the nearby watershed?				
5. Are there signs of vandalism at the surface water intake?				
6. Have severe weather events such as heavy rainfall, rapid snowmelt, drought, or reservoir turnover occurred?				
7. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the source?				

Assessor Name:

C. Treatment Processes

Questions:	YES	NO	N/A	Unk.
1. Have there been interruptions in any treatment processes?	x			
2. Has the treatment plant(s) or finished water pump(s) experienced any power interruptions?				x
3. Has there been any recent installation or repair of treatment equipment?		x		
4. Have there been changes to any treatment processes?				x
5. Does water quality data indicate inadequate/inappropriate treatment of water?	x			
6. Are all treatment processes operational and maintained?		x		
7. Is there an air gap between treatment instrumentation and waste lines?			x	
8. Were there any failures to meet required CT values?			x	
9. Did treatment plant flow rates exceed the permitted capacity?			x	
10. Is the PWS meeting all permit special conditions (alternative treatment technologies)?			x	
11. Did a review of the turbidity data reveal any anomalies?			x	
12. Did a review of chlorine residual data reveal any anomalies or deficiencies?	x			

Assessor Name: Jacob Haffner, P.E.

D. Distribution System

Questions:	YES	NO	N/A	Unk.
1. Have line breaks and repairs, or large firefighting events occurred?				x
2. If samples were collected from inside a building, has there been any recent plumbing work conducted at the site?			x	
3. If samples were collected from inside a building, does the site have additional water treatment installed?			x	
4. Is there evidence that the system experienced low or negative pressure?				x
5. Was there any scheduled flushing of the distribution system?		x		
6. Are pump stations protected from unauthorized personnel?		x		
7. Are appropriate backflow prevention devices installed, maintained, and tested on all cross connections?		x		
8. Are air relief valves maintained and operational without leaks?			x	
9. Are pump stations maintained and equipment operational?	x			
10. Are fire hydrants and blow offs maintained and operational without leaks?			x	
11. Does water quality data collected in the distribution system show results indicative of an issue?	x			
12. Have any water related customer complaints been received?		x		
13. Is there any evidence of intentional contamination in the distribution system?		x		

Assessor Name: Jacob Haffner, P.E.

E. Storage Tanks

**If no storage tank check here and skip to section IV.* ☐

Questions:	YES	NO	N/A	Unk.
1. Is the pressure tank maintaining an appropriate minimum pressure?	x			
2. Are all vents and overflow pipes screened?			x	
3. Is the tank maintained and free of rust, holes and leaks?		x		
4. Are there any unsealed openings in the storage facility such as access doors, vents or joints?		x		
5. Are signs of vandalism visible?		x		
6. Are roof hatches and manhole openings tightly covered and locked?			x	
7. Do downspouts and overflow pipes drain water away from structure?			x	
8. Have all storage tanks been inspected and cleaned within the last 5 years?		x		
9. **Were there any repair activities associated with the storage tanks?**		x		

Assessor Name: Jacob Haffner, P.E.

F. Water Quality Data Table

Parameter	Number of Each Sample Type Collected		
	Raw	Entry Point	Distribution
Chlorine Residual (mg/L)		1.1 mg/L	1.05 mg/L
Turbidity (NTU)			
Coliform Bacteria			
Other (specify below)			

G. Issue Descriptions and Corrective Actions (Use page 8 to report additional issues)

** No issues were found during the assessment:* ☐

Issue Description (list section letter and #)	Corrective Action
c. 5. **At the time of inspection there was sodium hypochlorite (bleach) in the chemical storage, the chemical pump was operational, and there was a free chlorine residual within the distribution system. However, reviewing recent inspections and BacT results demonstrates that the water system has not had consistent disinfection. A licensed water system operator is necessary to operate and maintain functionality of a water system.** **LAC 51:XII.309.A – All public water supplies shall be under the supervision and control of a duly certified operator as per requirements of the State Operator Certification Act, Act 538 of 1972, as amended (R.S. 40:1141-1151).**	

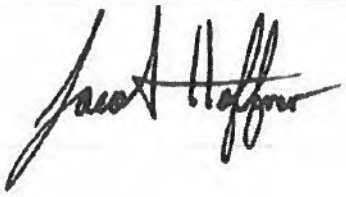
H. Verification

I hereby certify that the information contained herein is true and correct to the best of my knowledge, information and belief.

Lead Assessor's Name (print): Jacob Haffner, P.E.

Date: 3/26/2019

Lead Assessor's Name Signature:



Note - The completed form must be completed within 30 days of a public water system triggering a Level 2 Assessment.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **70190700000059891529**

November 1, 2019

Vince Panipinto
Madisonville on the Lake
P.O. Box 967
Madisonville, LA 70447

Re: Class I Sanitary Survey
Madisonville on the Lake Public Water System
PWS ID LA1103176
St. Tammany Parish

Dear Panipinto:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 10, 2019 sanitary survey inspection of the public water supply system for Madisonville on the Lake. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
Tim Mcleod	Representative

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	A generator was not provided. A generator or alternate power source shall be provided to allow for the operation of the water system in times of a power outage. LAC51:XII.135.A - Dedicated Standby power shall be provided by any community water supply and any non-community water supply serving a hospital so that water may be treated and/or pumped to the distribution system during outages to meet the average daily demand during the month of maximum water use. To ensure continuous service when the primary power has been interrupted, a standby power supply shall be provided through connection to at least two independent public power sources, or portable or in-place auxiliary power.
FACILITY	CATEGORY	FINDINGS
1103176-001 – Madisonville on the Lake Well	Source	A second source of ground water was not provided. LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless and LDH-approved annual public notice is provided to customers.
FACILITY	CATEGORY	FINDINGS
1103176-001 - Madisonville on the Lake Well	Source	The well slab was not graded to drain water away from the well. LAC 51:XII.319.D.7 -There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - Well 001 Treatment Plant	Treatment	The chlorine storage tank was not provided with a proper label. The label shall meet ANSI/NSF 60 labeling requirements. LAC 51:XII.205.A - Chemical shipping containers shall be fully labeled to include chemical name, purity and concentration, and supplier name and address.

FACILITY	CATEGORY	FINDINGS
TP001 - Well 001 Treatment Plant	Treatment	The chlorine storage tank was not provided with a receiving basin or with a level indicator. LAC 51:XII.I.203.I.4.b - Liquid chemical storage tanks must have a liquid level indicator and have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge. A common receiving basin may be provided for each group or compatible chemicals that provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1103176-001 - Madisonville on the Lake Well	Source	A flow meter was not provided at the well site. LAC 51:XII.169.H.3.a.iv -The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained.
FACILITY	CATEGORY	FINDINGS
1103176-001 - Madisonville on the Lake Well	Source	An atmospheric vent was not provided at the well. The open end of the vent must be screened and must terminate in the downward position at a minimum height of 24 inches above the ground/slab. LAC 51:XII.327.A.11 - All potable water well casings shall be vented to atmosphere as provided in 327.A.12 below, with the exception that no vent will be required when single-pipe jet pumps are used.
FACILITY	CATEGORY	FINDINGS
1103176-001 - Madisonville on the Lake Well	Source	During the inspection rust and corrosion was visible at the chlorine injection site. The well piping shall be cleaned and painted to prevent further corrosion. LAC 51:XII.319.D.25 -The discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage and freezing. **See Attachment #3**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, LA1103176 shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that LA1103176 has implemented with respect to the matters detailed in the complaint. LA1103176 shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.
2. In accordance with the provisions found in ACT No. 292, LA1103176 is here-by notified that PWS is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1812984-001	Routine	11/14/2018		0.700	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

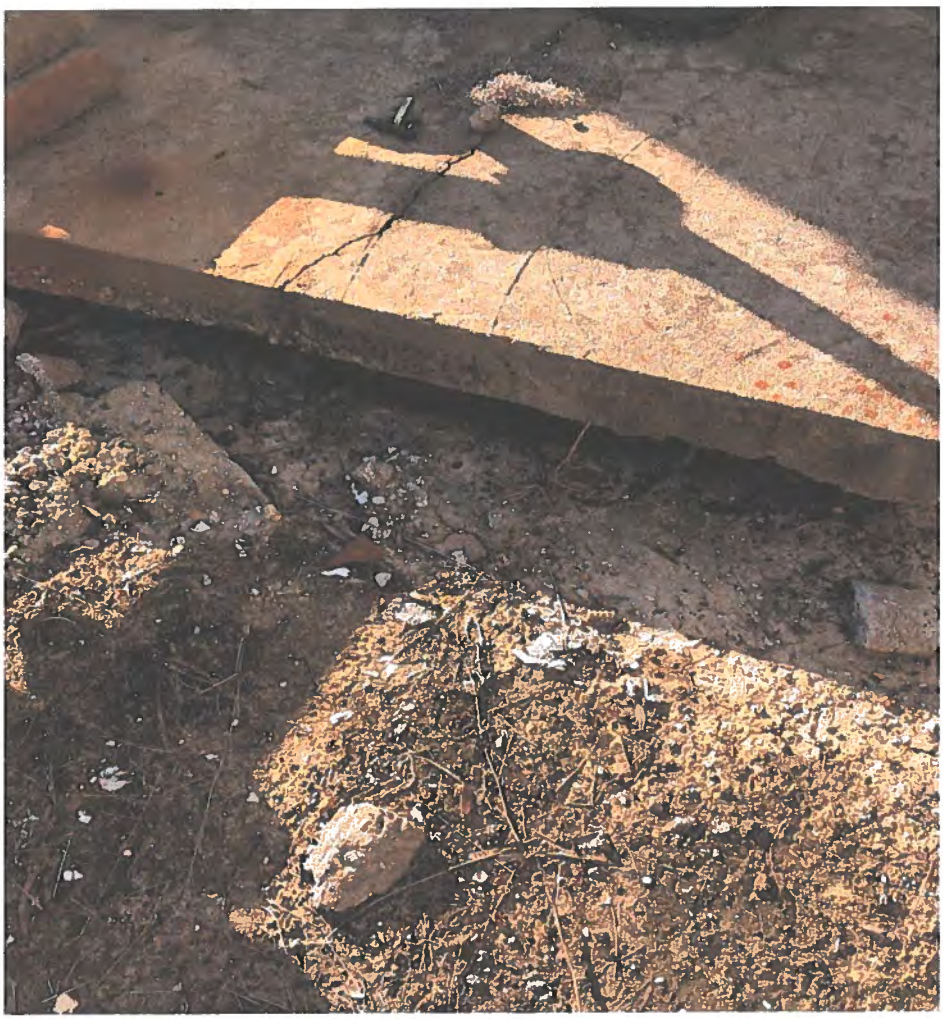
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

Respectfully,

Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: Madisonville on the Lake Well

Category: Source

Attachment Comments: The well site was not properly graded.



Attachment #2

Severity: Minor

Facility ID: Treatment Plant

Category: Treatment

Attachment Comments: A receiving basin or a level indicator was not provided at the treatment plant.



Attachment #3

Severity: Minor

Facility ID: Madisonville on the Lake Well

Category: Source

Attachment Comments: Rust and corrosion was visible on the well piping.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7005 1820 0002 1133 7138

November 26, 2019

Dominic E Ramos
BEVERLY HEIGHTS MANOR
500 S. Destrehan Ave.
Destrehan, LA 70047

Re: Class I Sanitary Survey
BEVERLY HEIGHTS MANOR Public Water System
PWS ID LA1103178
ST TAMMANY Parish

Dear Mr. Ramos:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 22, 2019 sanitary survey inspection of the public water supply system for BEVERLY HEIGHTS MANOR (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Dominic E Ramos	Dr Waterworks, LLC

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	There was no standby power supply available at the time of inspection. Per LAC51:XII.135.A, dedicated standby power shall be provided by any community water supply and any non-community water supply serving a hospital so that water may be treated and/or pumped to the distribution system during outages to meet the average daily demand during the month of maximum water use. To ensure continuous service when the primary power has been interrupted, a standby power supply shall be provided through connection to at least two independent public power sources, or portable or in-place auxiliary power.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	There was no written cross connection control plan available for review at the time of the inspection. Per LAC 51: XII.344, each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.
FACILITY	CATEGORY	FINDINGS
1103178-001 - BEVERLY HEIGHTS WELL 001	Source	At the time of inspection, there was no secondary source of water. Per LAC 51:XII.169.B.2, when groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	There was no chlorine residuals records available for review at the time of inspection. Per LAC 51: XII.367.A, a public water system (PWS) shall measure the residual disinfectant concentration within the distribution system at least once per day. Chlorine residuals must be monitored daily at the water production (POE) site and a critical point (MRT)--the furthest location in the water system. An additional chlorine residual check must be made monthly at the ACR site. Residuals must be recorded on the "LDH Approved Chlorine Residual Forms", which can be downloaded at http://new.dhh.louisiana.gov/index.cfm/page/1725.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	A calibration tube or mass flow monitor was not installed at time of the inspection. Per LAC 51: XII.209.D.2.d, calibration tube shall be installed to monitor and adjust feeding rate. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Well pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what

effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

2. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

3. The system operator should be familiar with the dosage calculation of the chemicals being used and ensure the application of the chemicals are in compliance with maximum use level specified by NSF.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
221	04/02/2019	CCR REPORT	
220	03/25/2019	LEAD CONSUMER NOTICE (LCR)	01/01/2016 - 12/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: TREATMENT PLANT

Category: Treatment

Attachment Comments: No calibration tube was installed at the time of the inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70190700000059891819

August 29, 2019

Tim Brown
ST TAM PARISH - RIVER OAKS
620 N Tyler St
Covington, LA 70433

Re: Class I Sanitary Survey
ST TAM PARISH - RIVER OAKS Public Water System
PWS ID LA1103180
ST TAMMANY Parish

Dear Mr. Brown:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 20, 2019 sanitary survey inspection of the public water supply system for ST TAM PARISH - RIVER OAKS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
Ariel Bennett	St. Tammany Parish Government

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 - HYDRO PNEUMATIC TANK	Finished Water Storage	The air release for the hydropneumatic tank should be screened to prevent possible contamination. Per LAC:XII.337.C - Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures.
FACILITY	CATEGORY	FINDINGS
1103180-001 - RIVER OAKS WELL 001	Source	Provide for at least two (2) approved sources of water. Consult with a licensed Professional Engineer (LA) or licensed well driller as necessary. Discuss actions with LDH prior to taking action. Please contact LDH for questions related to public notification in lieu of construction. Per LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless otherwise specified by the state health officer.

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 - HYDRO PNEUMATIC TANK	Finished Water Storage	A working sight tube and pressure gauge should be provided. Per LAC 51:XII.229.E - Each tank shall have an access manhole, a drain, and control equipment consisting of a pressure gauge, water sight glass, automatic or manual air blow-off, means for adding air, and pressure operated start-stop controls for the pumps.

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	Provide required overflow and receiving basin. Per LAC 51:XII.I.203.I.4.b - Liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank.
FACILITY	CATEGORY	FINDINGS
1103180-001 - RIVER OAKS WELL 001	Source	A means of measuring flow must be provided. Per LAC 51:XII.169.H.3.a.iv - The discharge piping shall be equipped with ... A means of measuring flow.
FACILITY	CATEGORY	FINDINGS
1103180-001 - RIVER OAKS WELL 001	Source	Maintenance is required to prevent possible contamination of the water system. Per LAC 51:XII.169.H.3.iii - The discharge piping shall be protected against the entrance of contamination.
FACILITY	CATEGORY	FINDINGS
1103180-001 - RIVER OAKS WELL 001	Source	The well vent must be properly screened and terminate in a downward direction to prevent contamination of the well. Per LAC 51:XII.327.A.11-12 - All potable water well casings shall be vented to atmosphere as provided in 327.A.12 below, with the exception that no vent will be required when single-pipe jet pumps are used. All potable water well vents shall be so constructed and installed as to prevent the entrance of contamination. All vent openings shall be piped water tight to a point not less than 24 inches above the highest flood level which may have occurred in a 10-year period, but in no case less than 24 inches above the ground surface. Such vent openings and extensions thereof shall be not less than 1/2 inch in diameter, with extension pipe firmly attached thereto. The openings of the vent pipes shall face downward and shall be screened to prevent the entrance of foreign matter.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.

2. Belts, gears, rotating shafts, and electrical wiring should have proper shields to prevent injury. Per LAC 51:XII.157.B - The design shall comply with all applicable safety codes and regulations that include, but are not limited to, the codes adopted under the authority of Act 12 of the 2005 First Extraordinary Session, State Fire Marshal regulations (see LAC 55:V), National Fire Protection Association (NFPA) standards, and federal Occupational Health and Safety Administration (OSHA) standards.

3. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1710

October 31, 2019

Tim Brown
ST TAM PARISH – NORTHRIDGE ESTATES
620 N Tyler St
Covington, LA 70433

Re: Class I Sanitary Survey
ST TAM PARISH – NORTHRIDGE ESTATES Public Water System
PWS ID LA1103181
ST TAMMANY Parish

Dear Mr. Brown:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 24, 2019 sanitary survey inspection of the public water supply system for Northridge Estates. The intent of these surveys is to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Ariel Bennett	Tammany Utilities
Aaron Davis	Tammany Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The Northridge Estates Hydropneumatic Tank was being bypassed using unspecified, temporary tubing at the time of inspection. Changes requiring written approval from the state health officer were completed without authorization. Please submit to this office signed, stamped, and dated plans and specifications to install permanent tank bypass piping from a Louisiana licensed professional engineer for review and approval by LDH. **See Attachment #1** LAC 51:XII.319.D.1 and LAC 51:XII.105.A - No public water supply shall be constructed, operated or modified to the extent that the capacity, hydraulic conditions, functioning of treatment processes, or the quality of finished water is affected, without, and except in accordance with, a permit from the state health officer.
FACILITY	CATEGORY	FINDINGS
1103181-002 - GOODBEE REGIONAL WELL	Source	The outer well casing had an upward-facing vent and was rusted at the time of inspection. This presents a possible pathway for contamination. Please install a downward-facing vent and paint the outer well casing to prevent rust and corrosion. **See Attachment #2** LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. The vent and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping.
FACILITY	CATEGORY	FINDINGS
1103181-002 - GOODBEE REGIONAL WELL	Source	There was a hole with standing water around the well slab at the time of inspection. Grade the well site to prevent standing water and facilitate drainage away from the well. **See Attachment #3** LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. The well site grading... shall be maintained to prevent the introduction of contamination into the well casing and discharge piping.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this

letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

There were unused chemical containers at the well sites at the time of inspection. It is recommended that the unused containers be removed from the well sites.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: Management

Category: System Management and Operation

Attachment Comments: The Northridge Estates Hydropneumatic Tank was being bypassed using unspecified, temporary tubing at the time of inspection. Changes requiring written approval from the state health officer were completed without authorization. Please submit to this office signed, stamped, and dated plans and specifications to install permanent tank bypass piping from a Louisiana licensed professional engineer for review and approval by LDH.



Attachment #2

Severity: Significant

Facility ID: GOODBEE REGIONAL WELL

Category: Source

Attachment Comments: The outer well casing had an upward-facing vent and was rusted at the time of inspection. This presents a possible pathway for contamination. Please install a downward-facing vent and paint the outer well casing to prevent rust and corrosion.



Attachment #3

Severity: Significant

Facility ID: GOODBEE REGIONAL WELL

Category: Source

Attachment Comments: There was a hole with standing water around the well slab at the time of inspection. Grade the well site to prevent standing water and facilitate drainage away from the well.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7015 3010 0000 4003 7522

May 21, 2019

Tim Brown
ST TAM PARISH SALVATION MANOR ST JOE
620 N Tyler St
Covington, LA 70433

Re: Class I Sanitary Survey
ST TAM PARISH SALVATION MANOR ST JOE Public Water System
PWS ID LA1103184
ST TAMMANY Parish

Dear Mr. Brown:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 7, 2019 sanitary survey inspection of the public water supply system for ST TAM PARISH SALVATION MANOR ST JOE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Ariel Bennett	St. Tammany Parish Government
Aaron Davis	St. Tammany Parish Government

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1103184-001 - SALVATION MANOR WELL 001	Source	There was no secondary source of water at the time of inspection. Per LAC 51:XII.169.B.2, when groundwater is the only source of water for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,

Eric Brown,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8075

March 11, 2019

Kelly McHugh
H2O SYSTEMS INC - GUSTE ISLAND WATER SU
845 Galvez St
Mandeville, LA 70448

Re: Class I Sanitary Survey
H2O SYSTEMS INC - GUSTE ISLAND WATER SU Public Water System
PWS ID LA1103189
ST TAMMANY Parish

Dear Mr. McHugh:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 25, 2019 sanitary survey inspection of the public water supply system for H2O SYSTEMS INC - GUSTE ISLAND WATER SU (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Jie Gu	LDH-OPH Region IX Engineer
Danette Jenkins	H2O Systems, Inc.
Ronald Lloyd	H2O Systems, Inc.

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

Due to recent brown water complaints, it is recommended that a valve exercise program be developed, documented, and implemented. A valve exercise program will help to locate closed valves and ensures looped pipelines are operating as designed.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering
Jie Gu, P.E., Region IX Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1703

October 28, 2019

Kelly McHugh
H2O SYSTEMS INC - GUSTE ISLAND WATER
845 Galvez St
Mandeville, LA 70448

Re: Class I Sanitary Survey
H2O SYSTEMS INC - GUSTE ISLAND WATER Public Water System
PWS ID LA1103189
ST TAMMANY Parish

Dear Mr. McHugh:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 22, 2019 sanitary survey inspection of the public water supply system for H2O Systems, Inc. – Guste Island. The intent of these surveys is to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Jacob Haffner	LDH-OPH District II Engineer
John Williams	LDH-OPH Deputy Chief Engineer
Danny English	H2O Systems, Inc.
Tony Jones	H2O Systems, Inc.

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	Changes requiring written approval from the state health officer were started and/or completed without authorization. Please submit to this office signed, stamped, and dated As-Built plans and specifications from a Louisiana licensed professional engineer for review and approval by LDH. LAC 51:XII.319.D.1 and LAC 51:XII.105.A - No public water supply shall be constructed, operated or modified to the extent that the capacity, hydraulic conditions, functioning of treatment processes, or the quality of finished water is affected, without, and except in accordance with, a permit from the state health officer.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law (Act 292)

Tony Jones, Field Supervisor, reported that adjustments to treatment are only made by the system's certified operators after consulting with a "chemical consultant." The subject consultant was not available at the time of the survey. Guste Island Water System uses chloramine (specifically monochloramine) for secondary disinfection (in the distribution system). Chloramine is produced on-site, between the well and the hydropneumatic tank, by individually adding (dosing) free chlorine and free ammonia. Operators responsible for chloramine disinfection must have an understanding of break point chlorination,

desired/target free chlorine to free ammonia dosing ratios, and the ability to confirm feed settings (dose) by performing dosing calculations. At the time of the survey, operators were unable to demonstrate proficiency in these areas.

In accordance with the provisions found in ACT No. 292, within 90 days all operators responsible for Guste Island WS shall undertake an appropriate training course in process control for chloramines, and after completion of training shall be able to:

1. explain how chloramines form and how to control operating conditions to minimize competing reactions
2. estimate the amount of chlorine and ammonia to add at each application point
3. conduct process control tests and interpret the results; and
4. make appropriate adjustments to chemical feed rates.

The training shall be delivered by a contractor of the state or a state-recognized trainer.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Per the flushing plan, the distribution system will be flushed quarterly. Due to recent brown water complaints, it is recommended that the system is flushed biweekly until the frequency of complaints decreases.

2. It is recommended that the TMB 451 blended phosphate chemical feed be equipped with a calibration tube to more accurately determine pump feed rate and chemical dose. The mass flow monitor that is currently used should also be calibrated in accordance with manufacturer specifications.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,

Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8167

March 6, 2019

Kelly Mchugh
H2O SYSTEMS INC - AUTUMN HAVEN
845 Galvez St
Mandeville, LA 70448

Re: Class I Sanitary Survey
H2O SYSTEMS INC - AUTUMN HAVEN Public Water System
PWS ID LA1103190
ST TAMMANY Parish

Dear Mr. Mchugh:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 25, 2019 sanitary survey inspection of the public water supply system for H2O SYSTEMS INC - AUTUMN HAVEN (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Eric Brown	LDH Region IX Engineering
Ronald Lloyd	H2o Systems, Inc

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	One fence board was broken at the time of inspection. Per LAC 51: XII.315.D, all public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1103190-001 - AUTUMN HAVEN WELL	Source	At the time of inspection, there was no secondary source of water. When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided per LAC 51:XII.169.B.2.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1103190-001 - AUTUMN HAVEN WELL	Source	The pressure gage on the well discharging piping was not functioning at the time of inspection. The discharge piping shall be equipped with a working pressure gage per LAC 51:XII.169.H.3.iv. **See Attachment #2**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments

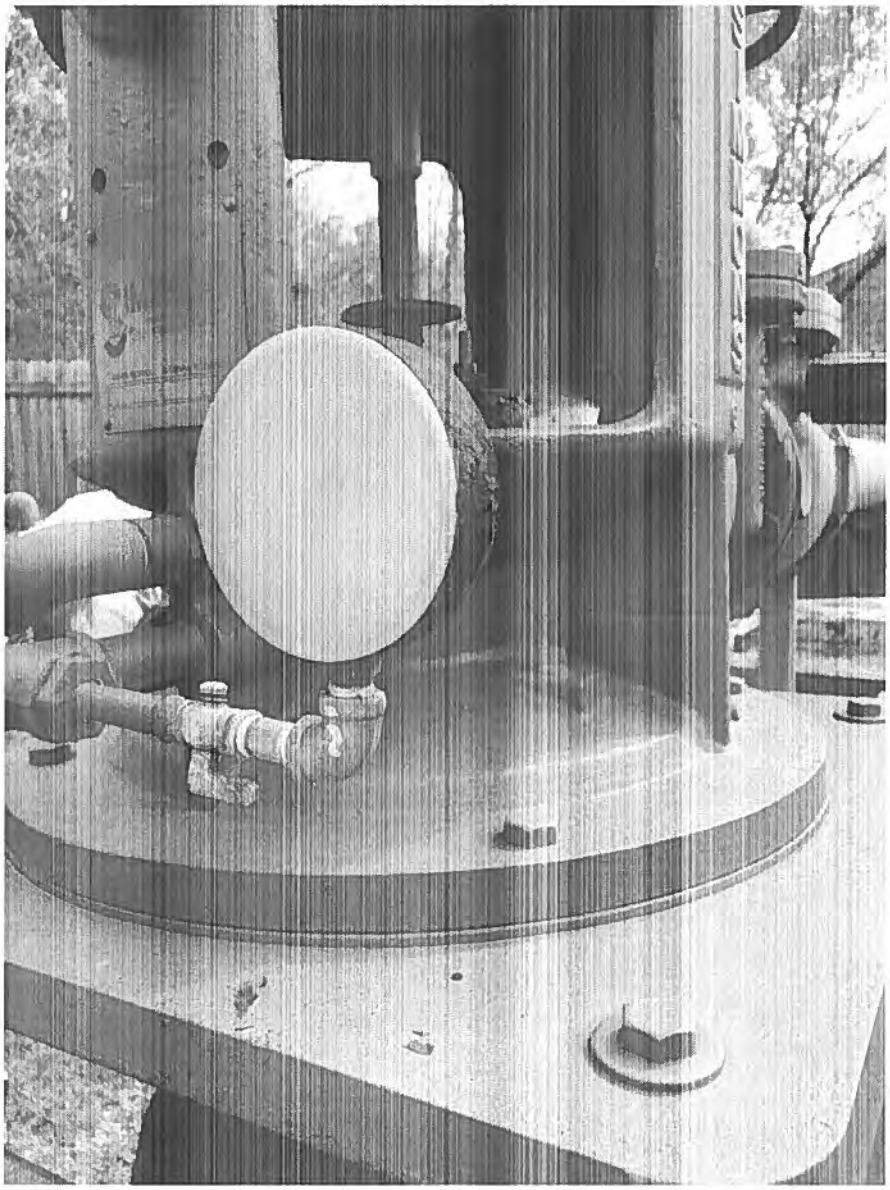


Attachment #1

Severity: Significant

Category: Security

Attachment Comments: One fence board was broken at the time of inspection.



Attachment #2

Severity: Minor

Facility ID: AUTUMN HAVEN WELL

Category: Source

Attachment Comments: The pressure gage was not functioning at the time of inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1734

November 4, 2019

Tim Brown
ST TAM PARISH – BEDICO CREEK
620 N Tyler St
Covington, LA 70433

Re: Class I Sanitary Survey
ST TAM PARISH – BEDICO CREEK Public Water System
PWS ID LA1103191
ST TAMMANY Parish

Dear Mr. Brown:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 24, 2019 sanitary survey inspection of the public water supply system for Bedico Creek. The intent of these surveys is to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Ariel Bennett	Tammany Utilities
Aaron Davis	Tammany Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	A section of the fence surrounding the Bedico Creek well site was in disrepair at the time of inspection. A continuous, lockable security fence must be provided around the facility for protection against unauthorized access. **See Attachment #1** LAC 51:XII.319.D.2 and LAC 51:XII.315.A - All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked; said areas shall be locked when unattended. The fence shall be resistant to climbing and at least 6 feet high.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	There were exposed wires at the Indian Trace and Timberlane well sites. Please provide cover for all exposed wiring. **See Attachments #2 and #3** LAC 51:XII.157.B - The design shall comply with all applicable safety codes and regulations that include, but are not limited to, the codes adopted under the authority of Act 12 of the 2005 First Extraordinary Session, State Fire Marshal regulations (see LAC 55:V), National Fire Protection Association (NFPA) standards, and federal Occupational Health and Safety Administration (OSHA) standards.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. There were unused chemical containers at the well sites at the time of inspection. It is recommended that the unused containers be removed from the well sites.

2. The insulation surrounding the Indian Trace Well discharge piping was deteriorating at the time of inspection. It is recommended that this insulation be removed and new insulation be applied.

3. The Bedico Creek Well and Indian Trace Well outer casings showed slight signs of rusting/corrosion at the time of inspection. It is recommended that these be painted to prevent further rusting/corrosion.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Security

Attachment Comments: A section of the fence surrounding the Bedico Creek well site was in disrepair at the time of inspection. A continuous, lockable security fence must be provided around the facility for protection against unauthorized access.



Attachment #2

Severity: Minor

Category: System Management and Operation

Attachment Comments: There were exposed wires at the Indian Trace well site. Please provide cover for all exposed wiring.



Attachment #3

Severity: Minor

Category: System Management and Operation

Attachment Comments: There were exposed wires at the Timberlane well site. Please provide cover for all exposed wiring.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 70171000000031758297

April 1, 2019

Dominic E Ramos
PILOT STREET WATER SUPPLY
500 S. Destrehan Ave.
Destrehan, LA 70047

Re: Class I Sanitary Survey
PILOT STREET WATER SUPPLY Public Water System
PWS ID LA1103193
ST TAMMANY Parish

Dear Ramos:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 22, 2019 sanitary survey inspection of the public water supply system for PILOT STREET WATER SUPPLY (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
Dominic E Ramos	DR Waterworks, LLC

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/22/2013	02/24/2014	Sanitary Survey, Finished	Minor	Source	1103193-001-PILOT ST WELL
Comments: Only one source available for distribution system					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	System shall have a monitoring plan that includes a list of all routine compliance samples required on a daily, weekly, monthly, quarterly, and annual basis and identify the sampling location where samples are to be collected. The public water system shall revise and re-submit its monitoring plan if changes to the sampling locations or if any significant changes to the disinfection methods are made. In addition, the public water system shall update and re-submit its monitoring plan when the system's sampling requirements or protocols change. During the inspection sample tap at TCR-009 is not provided. Replace the sampling tap or revise and re-submit your monitoring plan to change the sampling location.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	LAC 51:XII.344 - Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods. During the inspection a cross connection control program is not provided. The Public Water System shall submit a formal cross connection control program with written policies and procedures to ensure protection of the potable water supply from potential contamination.

FACILITY	CATEGORY	FINDINGS
1103193-001 - PILOT ST WELL	Source	LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless and LDH-approved annual public notice is provided to customers. During the inspection a second source of water is not provided. All community water systems are required to have at least two sources. This requirement shall be met by completing a consecutive connection with an approved water system or by completion of an additional well. Plans and specifications are to be submitted and approved by LA Dept. of Health.
FACILITY	CATEGORY	FINDINGS
1103193-001 - PILOT ST WELL	Source	There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. During the inspection a crack is made visible where the casing meets the concrete apron. Repair the well slab to prevent the introduction of contamination into the well casing and the discharge piping. **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	Calibration tubes or mass flow monitors which allow for direct physical checking of actual feed rates shall be fitted. During the inspection, it is noted a calibration tube is not provided at the treatment plant. A calibration tube shall be installed to monitor and adjust feeding rates. Provisions shall be made for measuring the quantities of chemicals used in order to prevent reaching the max dosage of the applied chemical.
FACILITY	CATEGORY	FINDINGS
1103193-001 - PILOT ST WELL	Source	Permanent casing for all groundwater sources shall project at least 12 inches above the pump house floor or concrete apron surface and at least 18 inches above final ground surface. During the inspection the well casing does not extend 12" above the concrete apron. The casing shall project at least 12" above the concrete surface. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
1103193-001 -	Source	The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow,

PILOT ST WELL		and a smooth nosed sampling tap located at a point where positive pressure is maintained. During the inspection a flow meter and a pressure gauge is not provided on the discharge line. The discharge piping shall be equipped with a flow meter capable of measuring and totalizing the flow. In addition, replace or repair the pressure gauge in order to monitor positive pressure at the well. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1103193-001 - PILOT ST WELL	Source	The discharge piping shall where applicable, be equipped with an air release-vacuum relief valve located upstream from the check valve, with exhaust/relief piping terminating in a down-turned position at least 18 inches above the floor and covered with a 24 mesh corrosion resistant screen. During the inspection the air release valve screen is damaged. Replace or repair the screen with a 24 mesh corrosion screen to prevent the entrance of contamination. **See Attachment #4**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

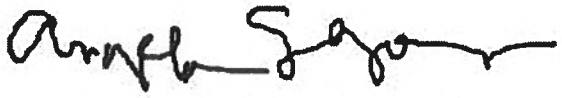
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
21	03/25/2019	LEAD CONSUMER NOTICE (LCR)	01/01/2018 - 12/31/2018
20	03/08/2019	FAILURE ADDRESS DEFICIENCY (GWR)	
19	06/29/2018	PUBLIC NOTICE RULE LINKED TO VIOLATION	

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

Respectfully,



Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: PILOT ST WELL

Category: Source

Attachment Comments: A pathway for contamination at the well casing and concrete apron.



Attachment #2

Severity: Minor

Facility ID: PILOT ST WELL

Category: Source

Attachment Comments: A flow meter and pressure gauge is not provided at the well or discharge line.



Attachment #4

Severity: Minor

Facility ID: PILOT ST WELL

Category: Source

Attachment Comments: The air release vent is not properly screened.



Attachment #5

Severity: Minor

Facility ID: PILOT ST WELL

Category: Source

Attachment Comments: The well casing is not 12" from the concrete apron.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 70171000000031758594

March 1, 2019

Mary Russo
TIMBERLAND MOBILE HOME PARK
PO Box 2925
Slidell, LA 70459

Re: Class I Sanitary Survey
TIMBERLAND MOBILE HOME PARK Public Water System
PWS ID LA1103194
ST TAMMANY Parish

Dear Russo:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 15, 2019 sanitary survey inspection of the public water supply system for TIMBERLAND MOBILE HOME PARK (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
Rene Peytral	PRJ Contracting, Inc.

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	During the inspection, it is noted the Public Water System does not have a formal cross connection control program. A cross connection control program, with written policies and procedures shall be provided to ensure protection of the potable water supply.
FACILITY	CATEGORY	FINDINGS
1103194-001 - WEST WELL	Source	During the inspection, it is noted the top of the casing is not effectively sealed against the electrical wiring and is allowing a pathway for contamination. The well casing and discharge piping shall be maintained to prevent the introduction of contamination. **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	During the inspection, the daily chlorine residuals are not made available for review. 40 CFR 141.403 and LAC 51:XII.367.A - Daily records of chlorine residual measurements shall be kept. These records shall be maintained on forms approved by the state health officer and shall be retained for a period of three years.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	During the inspection, the record keeping for the public water system is thrown into a box with no organization. All water system paper work and records shall be kept and filed in one central location for quick viewing and referencing. This paperwork should be accessible to staff, water system operator, and state health officer at all times.
FACILITY	CATEGORY	FINDINGS
TP001 - WEST WELL 001 TREATMENT	Treatment	During the inspection, it is noted a calibration tube is not provided at the treatment plant. A calibration tube shall be installed to monitor and adjust feeding rates. Refer to 40 CFR 141.403 - Provisions shall be made for measuring the quantities of chemicals used in order to prevent reaching the max dosage of the applied chemical.
FACILITY	CATEGORY	FINDINGS
TP002 - EAST WELL 002 TREATMENT	Treatment	During the inspection, it is noted a calibration tube is not provided at the treatment plant. A calibration tube shall be installed to monitor and adjust feeding rates. Refer to 40 CFR 141.403 - Provisions shall be made for measuring the quantities of chemicals used in order to prevent reaching the max dosage of the applied chemical.

FACILITY	CATEGORY	FINDINGS
1103194-002 - EAST WELL	Source	During the inspection, it is noted a flow meter is not provided on the discharge line at the East Well. The discharge piping shall be equipped with a flow meter capable of measuring and totalizing the flow.
FACILITY	CATEGORY	FINDINGS
1103194-001 - WEST WELL	Source	During the inspection, it is noted a flow meter is not provided on the discharge line at the West Well. The discharge piping shall be equipped with a flow meter capable of measuring and totalizing the flow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	During the inspection, the electrical wire at the West Well is not being protected. The electrical wiring must be repaired so that the wiring is inside a conduit. Refer to 40 CFR 141.403 **See Attachment #2**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
32	01/04/2019	LEAD CONSUMER NOTICE (LCR)	01/01/2018 - 12/31/2018
31	08/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018

Your cooperation and prompt response is greatly appreciated. if you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

Respectfully,

Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



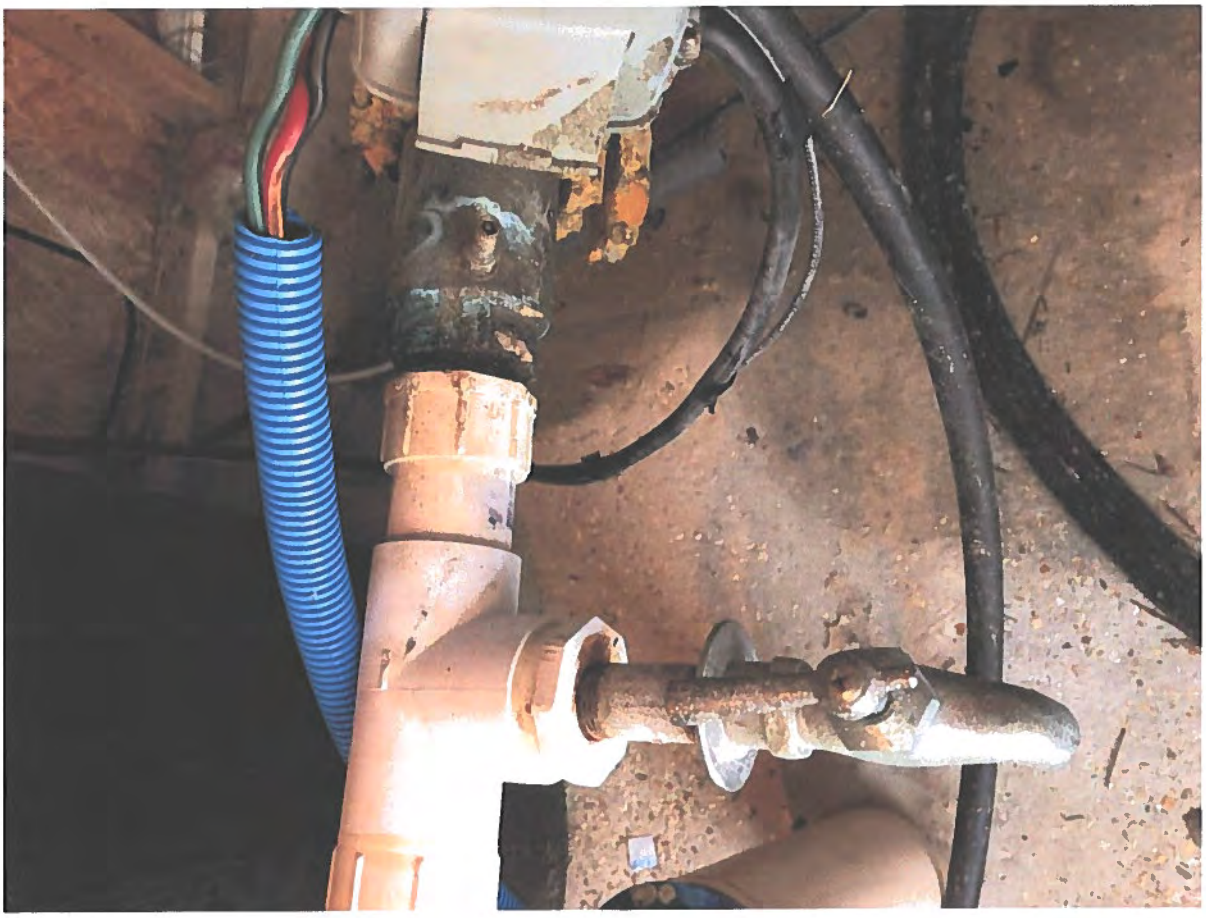
Attachment #1

Severity: Significant

Facility ID: WEST WELL

Category: Source

Attachment Comments: There is a pathway for contamination on the casing.



Attachment #2

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: The electrical wiring is not in conduit.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1765

November 25, 2019

Joyce Core
VILLAGES OF BOCAGE – MADISONVILLE
403 St. Frances Street
Madisonville, LA 70447

Re: Class I Sanitary Survey
VILLAGES OF BOCAGE – MADISONVILLE Public Water System
PWS ID LA1103195
ST TAMMANY Parish

Dear Ms. Core:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 20, 2019 sanitary survey inspection of the public water supply system for Villages of Bocage. The intent of these surveys is to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Kyle Matthews	Town of Madisonville

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

There was a spare hose and bucket at the consecutive connection site at the time of inspection. It is recommended that any spare objects around the consecutive connection site be kept in storage.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,

Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70190700000059891772

August 12, 2019

Kelly Mchugh
H2O SYSTEMS INC - RIVER PARK
845 Galvez St
Mandeville, LA 70448

Re: Class I Sanitary Survey
H2O SYSTEMS INC - RIVER PARK Public Water System
PWS ID LA1103198
ST TAMMANY Parish

Dear Mr. Mchugh:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 7, 2019 sanitary survey inspection of the public water supply system for H2O SYSTEMS INC - RIVER PARK (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
Tony Jones	H2O Systems, Inc

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	A continuous, lockable security fence must be provided around the facility for protection against unauthorized access. Per LAC 51:XII.319.D.2 and LAC 51:XII.315.A - All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked; said areas shall be locked when unattended. The fence shall be resistant to climbing and at least 6 feet high. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1103198-001 - WELL 1	Source	Grade the well site to prevent standing water and facilitate drainage away from the well. Per LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. The well site grading... shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE	Finished Water Storage	Provide a splash plate to prevent erosion around the storage tank. Per LAC 51:XII.225.I.1 - All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	Obtain and have readily available for chlorine leak detection a bottle of concentrated ammonium hydroxide (56%). The concentrated ammonia solution is used locate gas leaks at fittings and pipe connections. A white cloud or vapor indicates a leak. Per LAC 51:XII.207.C - A bottle of concentrated ammonium hydroxide (56 per cent ammonia solution) shall be available for chlorine leak detection.

FACILITY	CATEGORY	FINDINGS
1103198-002 - WELL 2	Source	The well discharge piping was supported by temporary support at the time of inspection. Please provide required permanent support. Per LAC 51:XII.169.H.3.a.viii - The discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage and freezing. **See Attachment #3**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that H2O Systems Inc. – River Park is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.

2. Belts, gears, rotating shafts, and electrical wiring should have proper shields to prevent injury. Per LAC 51:XII.157.B - The design shall comply with all applicable safety codes and regulations that include, but are not limited to, the codes adopted under the authority of Act 12 of the 2005 First Extraordinary Session, State Fire Marshal regulations (see LAC 55:V), National Fire Protection Association (NFPA) standards, and federal Occupational Health and Safety Administration (OSHA) standards.

3. Develop and implement a written valve exercising program. A valve exercise program will help locate closed values and ensures looped pipelines are operating as designed.

4. Develop and implement a written inspection program for the ground storage tank. For steel tanks AWWA M42 recommends the maximum interval for periodic inspections of the tank interior should normally be three (3) years. It is usually advisable to wash out the tank at the time of inspection.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Security

Attachment Comments: One of the holes under the fence



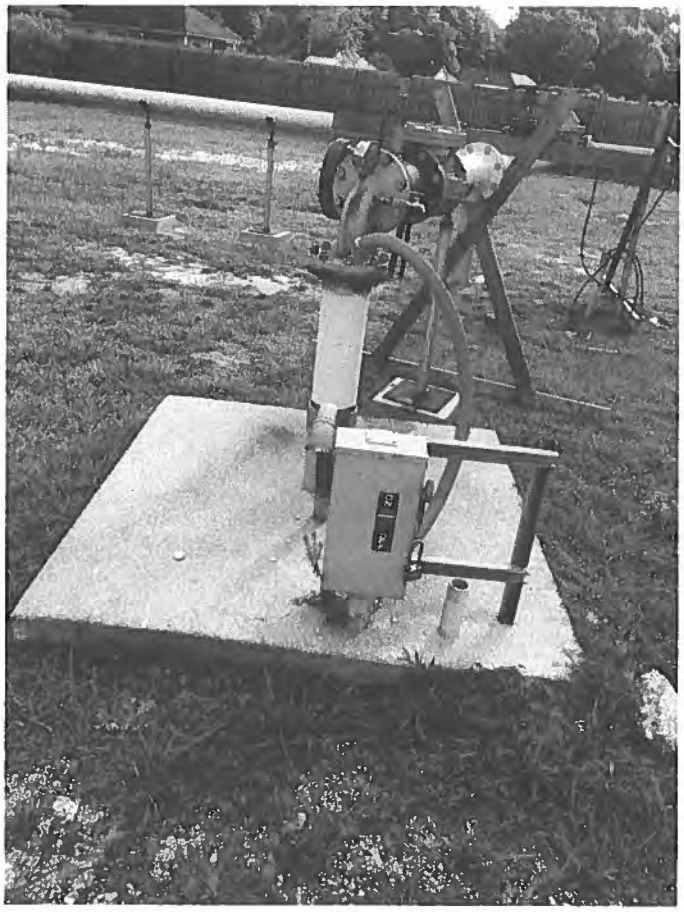
Attachment #2

Severity: Significant

Facility ID: WELL 1

Category: Source

Attachment Comments: Standing water near Well 1



Attachment #3

Severity: Minor

Facility ID: WELL 2

Category: Source

Attachment Comments: Temporary support

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1635

July 8, 2019

Tim Brown
ST TAM PARISH - TAMANEND
620 N Tyler St
Covington, LA 70433

Re: Class I Sanitary Survey
ST TAM PARISH - TAMANEND Public Water System
PWS ID LA1103199
ST TAMMANY Parish

Dear Mr. Brown:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 27, 2019 sanitary survey inspection of the public water supply system for ST TAM PARISH - TAMANEND (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Ariel Bennett	St. Tammany Parish Government
Aaron Davis	St. Tammany Parish Government

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that PWS is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	At the time of inspection, rotating pump shafts and couplings at the wells were exposed, presenting a risk to employee safety; rigid guards, shields, squirrel cages, etc. were generally not provided. LAC 51:XII.157.A - Consideration shall be given to the safety of water plant personnel and visitors. **See Attachment #1**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: The pump shaft was exposed at the time of inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70190700000059891994

August 12, 2019

Kelly Mchugh
H2O SYSTEMS INC - PENN MILL PLACE
845 Galvez St
Mandeville, LA 70448

Re: Class I Sanitary Survey
H2O SYSTEMS INC - PENN MILL PLACE Public Water System
PWS ID LA1103200
ST TAMMANY Parish

Dear Mr. Mchugh:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 7, 2019 sanitary survey inspection of the public water supply system for H2O SYSTEMS INC - PENN MILL PLACE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	**Organization**
Corey Harris	LDH-OPH Region IX Engineer
Tony Jones	H2O Systems, Inc

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	A continuous, lockable security fence must be provided around the facility for protection against unauthorized access. Per LAC 51:XII.319.D.2 and LAC 51:XII.315.A - All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked; said areas shall be locked when unattended. The fence shall be resistant to climbing and at least 6 feet high. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1103200-001 - PENN MILL PLACE WELL	Source	Provide for at least two (2) approved sources of water. Consult with a licensed Professional Engineer (LA) or licensed well driller as necessary. Discuss actions with LDH prior to taking action. Please contact LDH for questions related to public notification in lieu of construction. Per LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless otherwise specified by the state health officer.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	Obtain and have readily available for chlorine leak detection a bottle of concentrated ammonium hydroxide (56%). The concentrated ammonia solution is used locate gas leaks at fittings and pipe connections. A white cloud or vapor indicates a leak. Per LAC 51:XII.207.C - A bottle of concentrated ammonium hydroxide (56 per cent ammonia solution) shall be available for chlorine leak detection.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that H2O Systems Inc. – Penn Mill Place is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.

2. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

3. Develop and implement a written valve exercising program. A valve exercise program will help locate closed values and ensures looped pipelines are operating as designed.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Security

Attachment Comments: One of the holes in the fence

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1598

July 3, 2019

Wade Gottschalk
CHATA-IMA ELEMENTARY SCHOOL W S
71470 Ruby Street
Covington, LA 70433

Re: Class I Sanitary Survey
CHATA-IMA ELEMENTARY SCHOOL W S Public Water System
PWS ID LA2103029
ST TAMMANY Parish

Dear Mr. Gottschalk:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 20, 2019 sanitary survey inspection of the public water supply system for CHATA-IMA ELEMENTARY SCHOOL W S (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Tessa Dixon	LDH-OPH Region IX Sanitarian
Wade Gottschalk	St. Tammany Parish School Board
Gary Hoover	St. Tammany Parish School Board

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The water system did not have a cross connection plan at the time of inspection. LAC 51:XII.344.B - In order to protect its water supply from potential contamination, each water supplier shall develop and implement a written backflow prevention plan outlining the policies and procedures it will use to verify that its customers comply with mandatory containment practices, and shall make a reasonable effort to ensure that only customers who comply with mandatory containment practices connect or remain connected to its water supply.
FACILITY	CATEGORY	FINDINGS
2103029-001 - CHATA IMA WELL	Source	The well was not equipped with a sanitary seal at the time of inspection. **See Attachment #1** The grading around the well slab was heavily eroded presenting a pathway to the well casing. **See Attachment #2** LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping.

Deficiencies

FACILITY	CATEGORY	FINDINGS
2103029-001 - CHATA IMA WELL	Source	The well did not have a permanent vent at the time of inspection; non-screened tubing was being used as a vent. **See Attachment #3** LAC 51:XII.327.A.12 - All potable water well vents shall be so constructed and installed as to prevent the entrance of contamination. All vent openings shall be piped water tight to a point not less than 24 inches above the highest flood level which may have occurred in a 10-year period, but in no case less than

		24 inches above the ground surface. Such vent openings and extensions thereof shall be not less than 1/2 inch in diameter, with extension pipe firmly attached thereto. The openings of the vent pipes shall face downward and shall be screened to prevent the entrance of foreign matter.
FACILITY	CATEGORY	FINDINGS
2103029-001 - CHATA IMA WELL	Source	The well discharge piping was not equipped with a flow meter at the time of inspection. LAC 51:XII.169.H.3.a.iv - The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, and a means of measuring flow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
5	03/26/2019	FAILURE ADDRESS DEFICIENCY (GWR)	
4	08/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: CHATA IMA WELL

Category: Source

Attachment Comments: The well was not equipped with a sanitary seal at the time of inspection.



Attachment #2

Severity: Significant

Facility ID: CHATA IMA WELL

Category: Source

Attachment Comments: The grading around the well slab was heavily eroded at the time of inspection.



Attachment #3

Severity: Minor

Facility ID: CHATA IMA WELL

Category: Source

Attachment Comments: Tubing was being used as a well vent at the time of inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1604

July 3, 2019

Wade Gottschalk
FIFTH WARD JR HIGH W S
71470 Ruby Street
Covington, LA 70433

Re: Class I Sanitary Survey
FIFTH WARD JR HIGH W S Public Water System
PWS ID LA2103042
ST TAMMANY Parish

Dear Mr. Gottschalk:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 20, 2019 sanitary survey inspection of the public water supply system for FIFTH WARD JR HIGH W S (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Tessa Dixon	LDH-OPH Region IX Sanitarian
Wade Gottschalk	St. Tammany Parish School Board
Gary Hoover	St. Tammany Parish School Board

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/30/2016	01/31/2017	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: Proper cross connection control plan has not been initiated at the time of inspection. Please pay special attention to all agricultural uses of the potable water at this site.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/30/2016	01/31/2017	Sanitary Survey, Finished	Minor	Treatment	TP004-SAND FILTERS # 2
Comments: An additional pump should be available for all disinfection systems.					

Significant Deficiencies

2103042-002 - FIFTH WARD WELL # 2	Source	There was a hole in the well casing at the time of inspection, presenting a possible pathway for contamination. **See Attachment #1** LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping.

Deficiencies

FACILITY	CATEGORY	FINDINGS
2103042-002 - FIFTH WARD WELL # 2	Source	The well was not equipped with a vent at the time of inspection. **See Attachment #1** LAC 51:XII.327.A.11 - All potable water well casings shall be vented to atmosphere provided in 327.A.12 below. LAC 51:XII.327.A.12 - All potable water well vents shall be so constructed and installed as to prevent the entrance of contamination. All vent openings shall be piped water tight to a

		point not less than 24 inches above the highest flood level which may have occurred in a 10-year period, but in no case less than 24 inches above the ground surface. Such vent openings and extensions thereof shall be not less than 1/2 inch in diameter, with extension pipe firmly attached thereto. The openings of the vent pipes shall face downward and shall be screened to prevent the entrance of foreign matter.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a flushing program for the sand filters. Please also provide written operation and maintenance specifications for the sand filters that includes testing required by the manufacturer, manufacturer specifications and requirements, etc.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9007003	03/26/2019	FAILURE ADDRESS DEFICIENCY (GWR)	

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

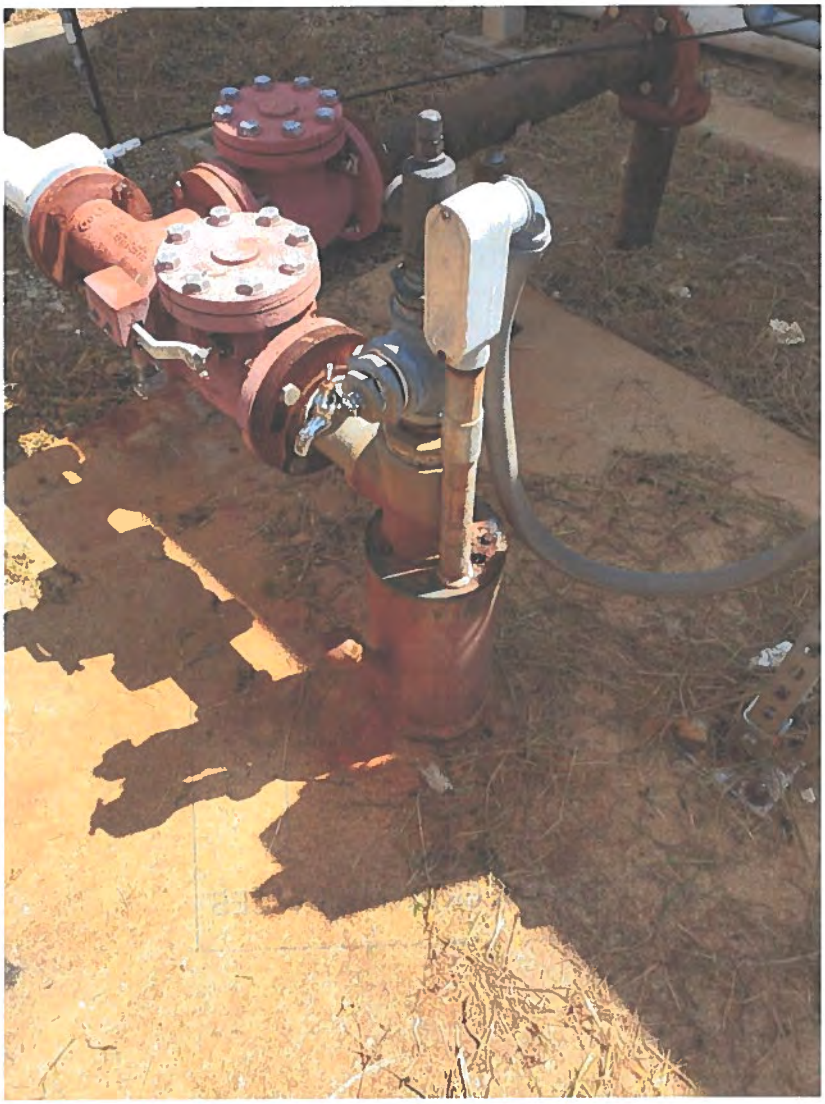
Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant/Minor

Facility ID: FIFTH WARD WELL # 2

Category: Source

Attachment Comments:

Significant: There was a hole in the well casing at the time of inspection, presenting a possible pathway for contamination.

Minor: The well was not equipped with a vent at the time of inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 1970 0000 7349 1696

February 14, 2019

Craig Himel
BRIGGS of HWY 190
1115 N Causeway Blvd. Suite 200
Mandeville, LA 70471

Re: Class I Sanitary Survey
BRIGGS of HWY 190 Public Water System
PWS ID LA2103231
ST TAMMANY Parish

Dear Mr. Himel:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 24, 2019 sanitary survey inspection of the public water supply system for BRIGGS of HWY 190 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Poppi W Crain	OPH Region IX Engineering
Robert Gilbride	Gilbride Aqua Service

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	All chemical storage tanks are required to have secondary containment. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Poppi W Crain, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4953.

Respectfully,

Poppi W Crain, R.S.
Region 9 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: TREATMENT PLANT

Category: Treatment

Attachment Comments: 2103231 TP001 - CHEMICAL TREATMENT - no secondary containment/ proper labeling is on other side of photograph

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7014 2870 0001 2187 0930

May 13, 2019

Barbara Gennuse
POPEYES FRIED CHICKEN
P. O. Box 3727
Covington, LA 70434

Re: Class I Sanitary Survey
POPEYES FRIED CHICKEN Public Water System
PWS ID LA2103244
ST TAMMANY Parish

Dear Ms. Gennuse:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 29, 2019 sanitary survey inspection of the public water supply system for POPEYES FRIED CHICKEN (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Parker Allen	LDH-OPH-Engineering Services
Eric Brown	LDH-OPH-Engineering Services
Corey Harris	LDH-OPH-Engineering Services
Rene Peytral	Prj Contracting, Inc.

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing,

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	Adequate housing should be provided for the chlorination equipment and for storing the chlorine out of sunlight. LAC 51:XII.209.D.1.b. Sodium Hypochlorite. Sodium hypochlorite storage and handling procedures should be arranged to minimize the slow natural decomposition process of sodium hypochlorite either by contamination or by exposure to more extreme storage conditions. In addition, feed rates should be regularly adjusted to compensate for this progressive loss in chlorine content. Storage containers or tanks shall be located out of the sunlight in a cool area and shall be vented to the outside of the building when enclosed.
FACILITY	CATEGORY	FINDINGS
2103244-001 - POPEYES WELL	Source	There is no flow meter on the well discharge line. LAC 51:XII.169.H.3.a.iv. - The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written

confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
ST001 - PRESSURE TANK	Finished Water Storage	It is recommended that there be a means of bypassing the hydropnematic tanks in an emergency situation. LAC 51:XII.229.D. - The hydropneumatic tank(s) shall have bypass piping to permit operation of the system while the tank is being repaired or painted.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Metro Region I
Attn: Parker Allen,
1450 Poydras Street, Suite 1273, Benson Towers
New Orleans, Louisiana 70112

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 504-599-0140.

Respectfully,

Parker Allen

Parker Allen, E.I.

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 70171000000031758624

March 15, 2019

Punita Patel
EURO INN
58494 Tyler Dr.
Slidell, LA 70461

Re: Class I Sanitary Survey
EURO INN Public Water System
PWS ID LA2103297
ST TAMMANY Parish

Dear Patel:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 25, 2019 sanitary survey inspection of the public water supply system for EURO INN (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
Tim Mcleod	Representative

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
2103297-001 - EURO INN WELL	Source	There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. During the inspection it is noted that the well vent is not covered with a 24 mesh screen to prevent the entrance of contamination. All potable water well casings shall be vented to the atmosphere provided with a 24 mesh, corrosion resistant screen. **See Attachment #4**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	40 CFR 141.403 and LAC 51:XII.367.A Disinfectant Residual Monitoring in Treatment Plant. A public water system (PWS) shall measure the residual disinfectant concentration within the distribution system at least once per day. During the inspection it is noted that the chlorine residual has not been recorded at the point of entry (POE). Chlorine residuals shall be measured and recorded at a location prior to distribution (POE) and at the place of maximum residence time (MRT) daily. In addition, an additional chlorine residual (ACR) shall be measured and recorded monthly.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	40 CFR 141.403 and LAC 51:XII.367.D The records of the measurements and sampling required under Subsections A and B of this section shall be maintained on forms approved by the state health officer and shall be retained as prescribed in the National Primary Drinking Water Regulations, and shall be made available for review upon request by the state health officer. During the inspection it is noted that state forms are not being used to record chlorine residuals at the point of entry (POE). Chlorine residuals shall be maintained on forms approved by the state and be held for three years.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	40 CFR 141.403 Main switch gear electrical controls shall be located above grade, in areas not subject to flooding. All electrical work shall conform to the requirements of the National Electric code or to relevant state and/or local codes. During the inspection it is noted that some electrical work did not meet the requirements of the National Electric code or state and/or local codes. All exposed wiring shall be placed in conduit. **See Attachment #3 and #1**
FACILITY	CATEGORY	FINDINGS
TP001 - TAP AT WELL	Treatment	40 CFR 141.403 A means to measure water flow must be provided in order to determine chemical feed rates. During the inspection it is noted that a calibration tube is not provided at the treatment plant. A calibration tube shall be installed to monitor and adjust feeding rates. Provisions shall be made for measuring the quantities of chemicals used in order to prevent reaching the max dosage of the applied chemical.
FACILITY	CATEGORY	FINDINGS
TP001 - TAP AT WELL	Treatment	40 CFR 141.403 Chemical shipping containers shall be fully labeled to include chemical name, purity and concentration, and supplier name and address. During the inspection it is noted that a label is not provided on the chlorine day tank. All chemical drums shall be fully labeled to include chemical name, purity and concentration, and supplier name and address.
FACILITY	CATEGORY	FINDINGS
TP001 - TAP AT WELL	Treatment	40 CFR 141.403 Solution tanks shall be located and protective curbing's provided so that chemicals from equipment failure, spillage or accidental drainage shall not enter the water in conduits, treatment or storage basins. During the inspection it is noted that the chemical storage is not provided with a secondary containment. A storage basin shall be provided for the chemical drum to prevent spillage or accidental drainage.
FACILITY	CATEGORY	FINDINGS
2103297-001 - EURO INN WELL	Source	40 CFR 141.403 The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained. During the inspection it is noted that a flow meter is not provided on the discharge line at the Well. The discharge piping shall be equipped with a flow meter capable of measuring and totalizing the flow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - TAP AT WELL	Treatment	40 CFR 141.403 Sample taps shall be provided so that water samples can be obtained from appropriate locations in each unit of operation of treatment, and from the finished water. Taps shall be consistent with sampling needs and shall not be of the petcock type. Taps used for obtaining samples for bacteriological analysis shall be of the smooth-nosed type without interior or exterior threads, shall not be of the mixing type, and shall not have a screen, aerator, or other such appurtenance. During the inspection it is noted that a threaded tap is provided at the point of entry (POE). All potable water supplies shall provide suitable sampling taps for obtaining bacteriological samples and shall be of the smooth-nosed type without interior or exterior threads. **See Attachment #5**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

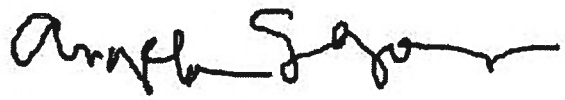
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

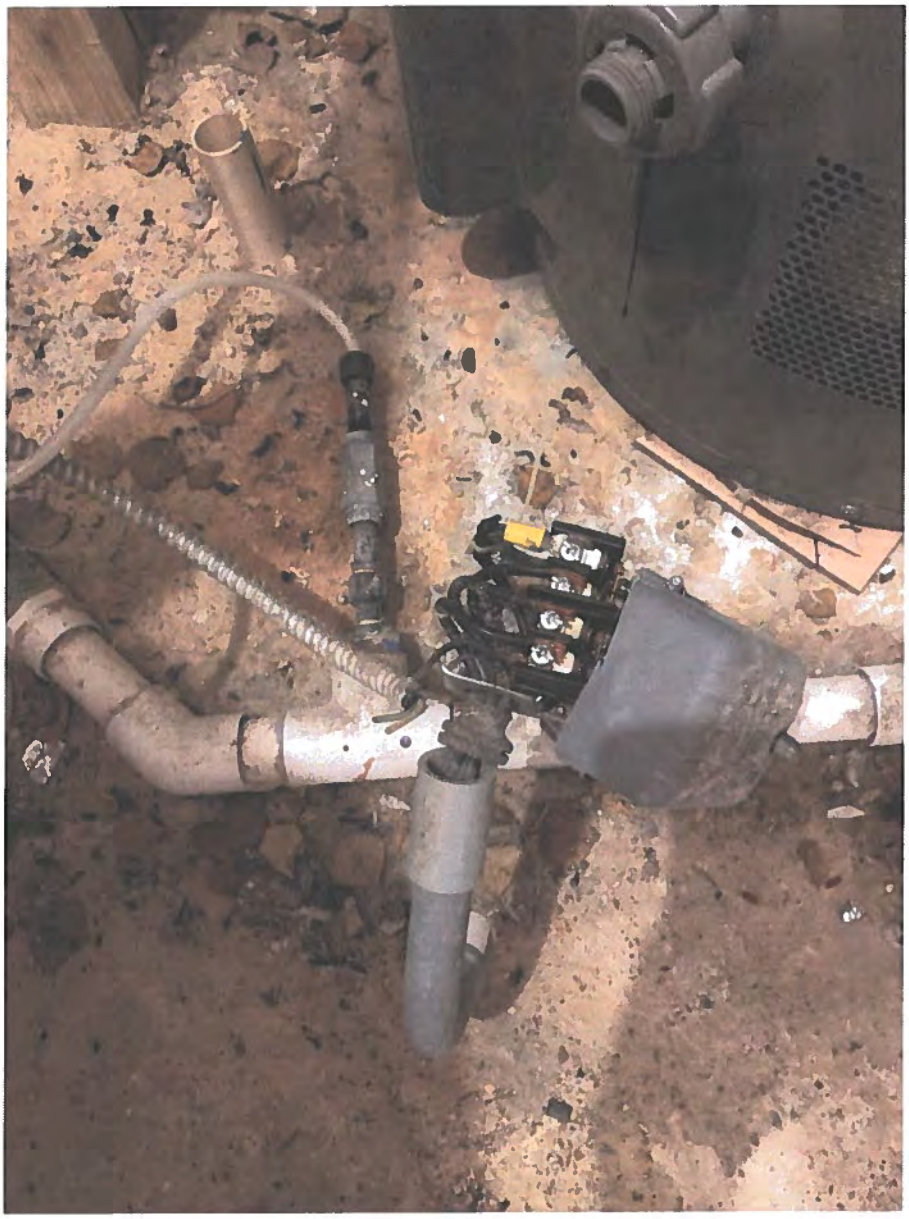
Respectfully,



Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments

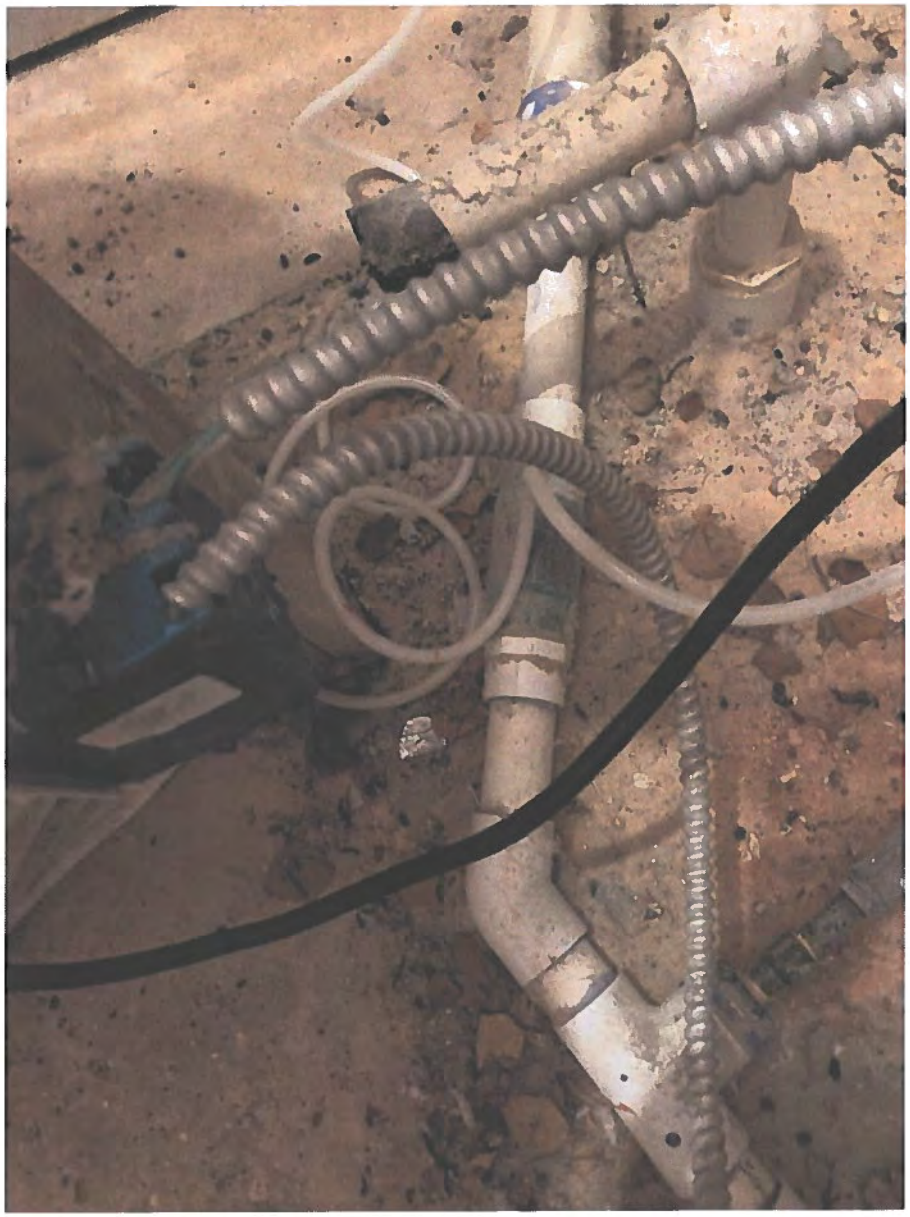


Attachment #1

Severity: Minor

Category: System Management and Operation

Attachment Comments: Exposed wiring at the well.



Attachment #3

Severity: Minor

Category: System Management and Operation

Attachment Comments: Electrical is not in conduit.



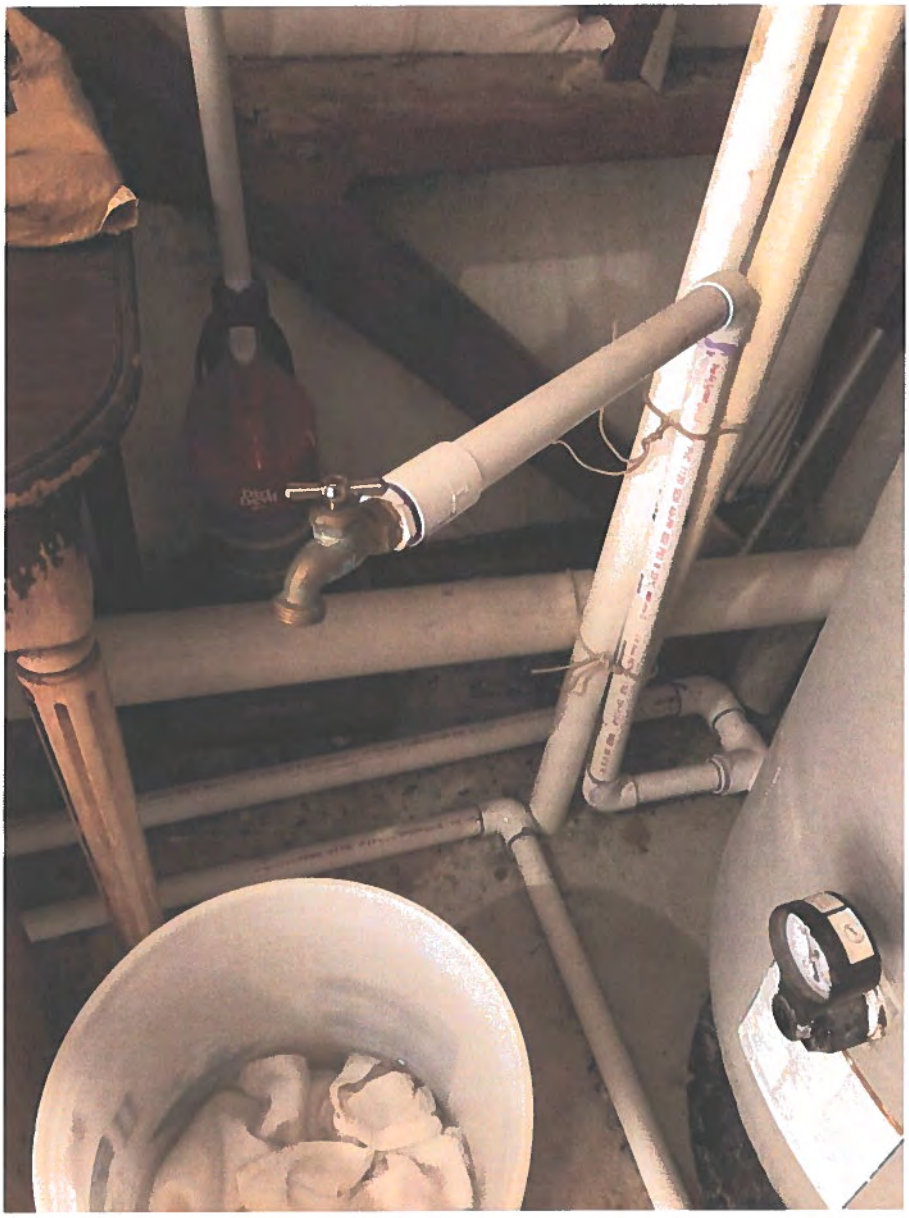
Attachment #4

Severity: Minor

Facility ID: RELAX INN WELL

Category: Source

Attachment Comments: Not provided with a 24 mesh.



Attachment #5

Severity: Recommendations

Facility ID: TAP AT WELL

Category: Treatment

Attachment Comments: A threaded tap at the POE.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 70171000000031758280

April 1, 2019

Lisa Erickson
KINDERHAUS MONTESORRI
252 Magnolia Street
Mandeville, LA 70448

Re: Class I Sanitary Survey
KINDERHAUS MONTESORRI Public Water System
PWS ID LA2103304
ST TAMMANY Parish

Dear Erickson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 13, 2019 sanitary survey inspection of the public water supply system for KINDERHAUS MONTESORRI (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
David Entrevia	Entrevia Environmental Services LLC

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	System shall have a monitoring plan that includes a list of all routine compliance samples required on a daily, weekly, monthly, quarterly, and annual basis and identify the sampling location where samples are to be collected. The public water system shall revise and re-submit its monitoring plan if changes to the sampling locations or if any significant changes to the disinfection methods are made. In addition, the public water system shall update and re-submit its monitoring plan when the system's sampling requirements or protocols change. During the inspection taps for routine total coliform are located on faucets connected to inside plumbing. The monitoring plan portal shall be updated with 2 new sample locations for TCR-006 and TCR-007. To facilitate proper sample collection, taps shall be smooth nozzle, located directly on the main, and a minimum of 10 - 12 inches above the ground.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	LAC 51:XII.343.A - There shall be no physical connection between a public water supply and any other water supply which is not of equal sanitary quality and under an equal degree of official supervision. There shall be no connection or arrangement by which unsafe water may enter a public water supply system. During the inspection a garden hose is connected to the TCR-004 sample tap and terminates into a pool. Disconnect the garden hose to protect the water supply distribution system from potential backflow or backsiphonage from the non-potable water source. In addition, a 2nd garden hose is attached to a threaded tap and terminates onto the ground surface. Discontinue the use of this garden hose until a hose bib vacuum breaker is installed and provide proper storage to prevent contact onto the ground surface. **See Attachment #2 and #4**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	LAC 51:XII.367.A - Disinfectant Residual Monitoring in Treatment Plant. A public water system (PWS) shall measure the residual disinfectant concentration within the distribution system at least once per day. During the inspection the daily chlorine residual is not be recorded at the MRT site. Chlorine residuals are required to be monitored daily and recorded on approved state forms at the Point of Entry (POE) and the Maximum Residence Time (MRT). Also, an additional chlorine residual (ACR) shall be recorded monthly.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	LAC 51:XII.903.B - The water supply must provide suitable taps which draw water directly from the mains or the service lines. Such taps provide for samples which are most representative of the quality of water provided without "interference" which may be caused by plumbing problems within residences or other structures. Use of such taps decreases the chance of "bad samples" resulting in a coliform maximum contaminant level (MCL) violation which requires public notification by the public water supply and an administrative enforcement action by the EPA/DHH against the public water supply. During the inspection a routine total coliform sample tap on the distribution system is threaded. All sample taps for bacteriological monitoring shall be smooth-nozzle taps. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	Calibration tubes or mass flow monitors which allow for direct physical checking of actual feed rates shall be fitted. During the inspection a calibration tube is not provided at the treatment plant. A calibration tube shall be installed to monitor and adjust feeding rates. Provisions shall be made for measuring the quantities of chemicals used in order to prevent reaching the max dosage of the applied chemical.
FACILITY	CATEGORY	FINDINGS
2103304-001 - KINDERHAUS MONTESSORI WELL	Source	Permanent casing for all groundwater sources shall project at least 12 inches above the pump house floor or concrete apron surface and at least 18 inches above final ground surface. During the inspection the concrete slab and the well casing is not provided. Construct a concrete apron around casing which shall be at least 12" above the concrete slab and 18" above the ground surface. **See Attachment #1**

FACILITY	CATEGORY	FINDINGS
2103304-001 - KINDERHAUS MONTESSORI WELL	Source	The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained. During the inspection a flow meter is not provided on the discharge line at the well site. The discharge piping shall be equipped with a flow meter capable of measuring and totalizing the flow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1810367-001	Routine	9/11/2018		1.200	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

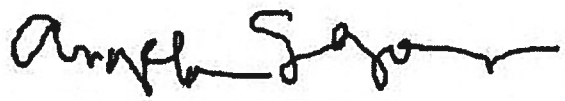
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

Respectfully,



Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



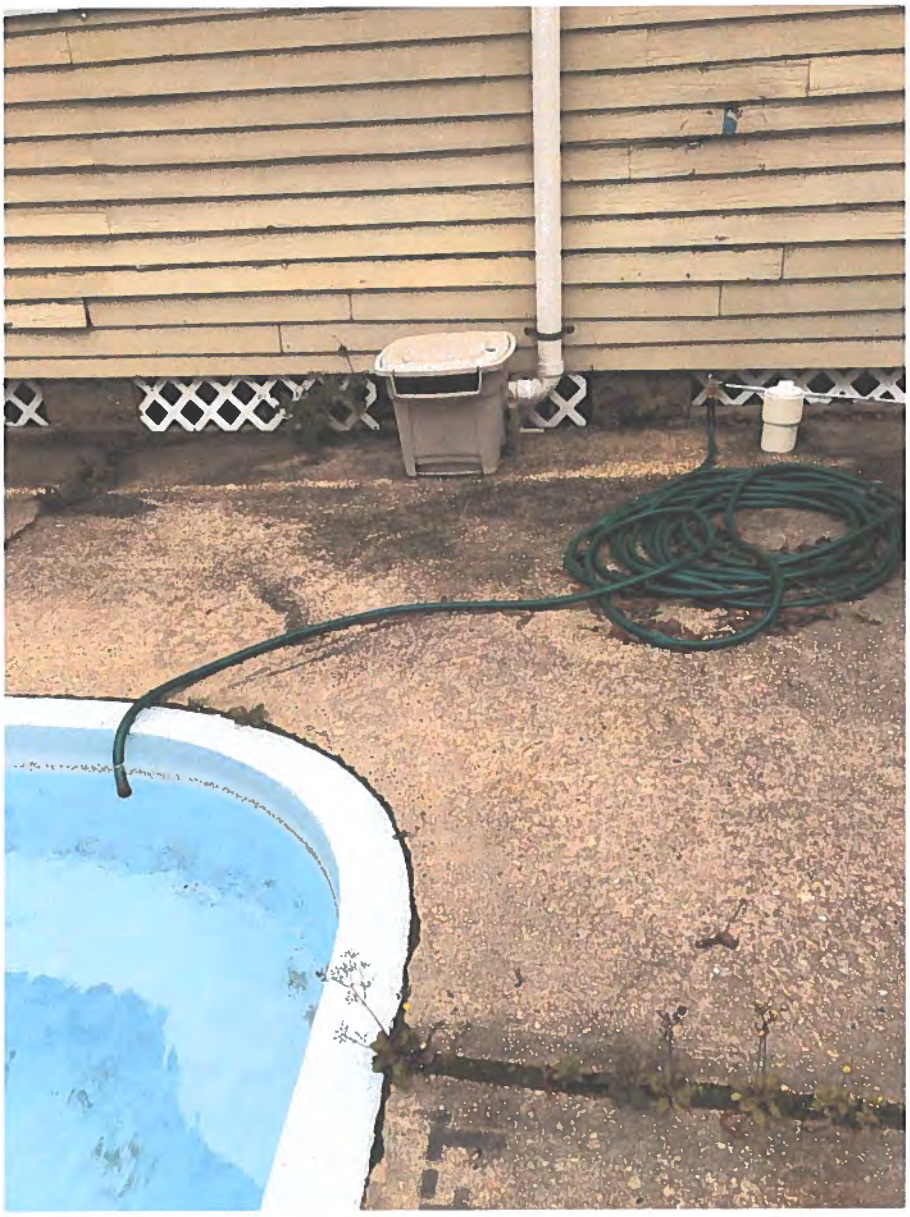
Attachment #1

Severity: Minor

Facility ID: KINDERHAUS MONTESSORI WELL

Category: Source

Attachment Comments: The well slab and well casing is not provided.



Attachment #2

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Garden hose is attached to a TCR site and terminates into the pool.



Attachment #3

Severity: Minor

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Threaded tap is provided at TCR-004 and doesn't extend 12" from the ground surface.



Attachment #4

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: A 2nd garden hose is attached to a threaded tap and terminates onto the ground surface.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7015 3010 0000 4003 7584

August 28, 2019

Catherine Rodriguez
A TO Z DAYCARE CENTER
31015 Highway 190
Lacombe, LA 70445

Re: Class I Sanitary Survey
A TO Z DAYCARE CENTER Public Water System
PWS ID LA2103320
ST TAMMANY Parish

Dear Ms. Rodriguez:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 27, 2019 sanitary survey inspection of the public water supply system for A TO Z DAYCARE CENTER (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tessa Dixon	LDH-OPH Region IX Sanitarian Manager
Eric Brown	LDH-OPH Region IX Engineer
Rene Peytral	PRJ Contracting, Inc.
Catherine Rodriguez	A to Z Daycare Center

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
2103320-001 - A TO Z DAYCARE WELL	Source	The well discharge piping was not equipped with a flow meter at the time of inspection. **See Attachment #1** LAC 51:XII.169.H.3.a.iv - The discharge piping shall be equipped with ... A means of measuring flow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Tessa Dixon, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4953.

Respectfully,

Tessa Dixon, MBA, R.S.
Region IX Sanitarian Manager

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

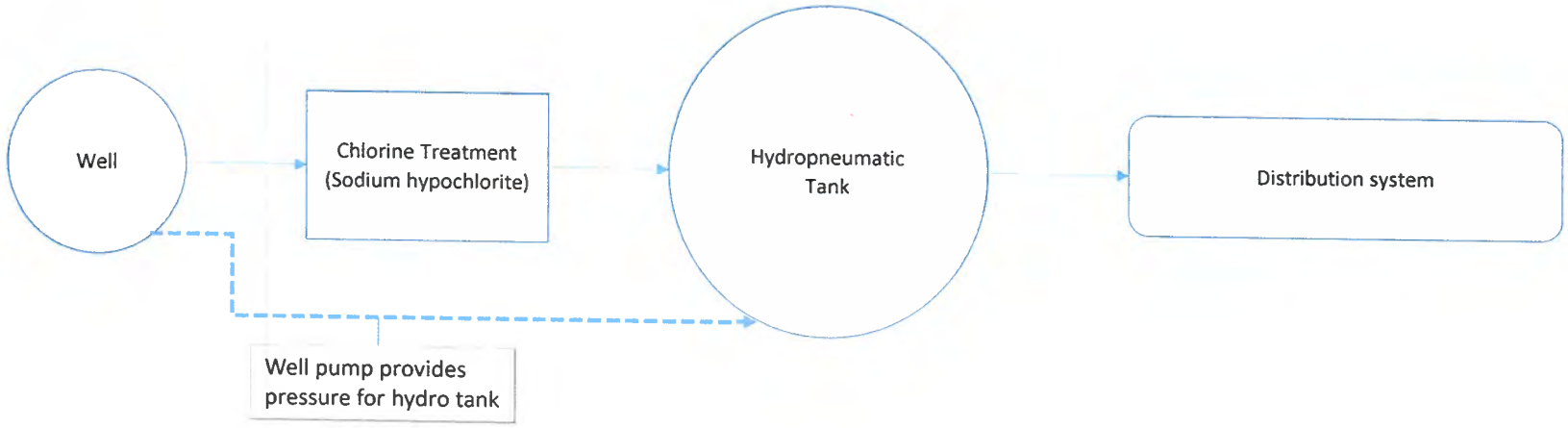
Severity: Minor

Facility ID: A TO Z DAYCARE WELL

Category: Source

Attachment Comments: The well discharge piping was not equipped with a flow meter at the time of inspection. A means of measuring flow must be provided.

LA2103320
A TO Z DAYCARE CENTER



John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7014 2870 0001 2187 0923

May 13, 2019

Shelia Burrell
B & B GROCERY & DELI
32470 Hwy 190 W
Slidell, LA 70460

Re: Class I Sanitary Survey
B & B GROCERY & DELI Public Water System
PWS ID LA2103362
ST TAMMANY Parish

Dear Ms. Burrell:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 29, 2019 sanitary survey inspection of the public water supply system for B & B GROCERY & DELI (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Parker Allen	LDH-OPH-Engineering Services
Eric Brown	LDH-OPH-Engineering Services
Corey Harris	LDH-OPH-Engineering Services
Rene Peytral	Prj Contracting, Inc.

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing,

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
2103362-001 - B & B GROCERY WELL	Source	There is no flow meter on the well discharge line. LAC 51:XII.169.H.3.a.iv. - The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC	Finished Water Storage	It is recommended that there be a means of bypassing the hydropneumatic tanks in an emergency situation. LAC 51:XII.229.D. - The hydropneumatic tank(s) shall

		have bypass piping to permit operation of the system while the tank is being repaired or painted.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Metro Region I
Attn: Parker Allen,
1450 Poydras Street, Suite 1273, Benson Towers
New Orleans, Louisiana 70112

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 504-599-0140.

Respectfully,

Parker Allen, E.I.

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1628

July 3, 2019

Wade Gottschalk
ST TAM SCHOOL BOARD EDUCATION CENTER
71470 Ruby Street
Covington, LA 70433

Re: Class I Sanitary Survey
ST TAM SCHOOL BOARD EDUCATION CENTER Public Water System
PWS ID LA2103389
ST TAMMANY Parish

Dear Mr. Gottschalk:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 20, 2019 sanitary survey inspection of the public water supply system for ST TAM SCHOOL BOARD EDUCATION CENTER (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Tessa Dixon	LDH-OPH Region IX Sanitarian
Wade Gottschalk	St. Tammany Parish School Board
Gary Hoover	St. Tammany Parish School Board

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The water system did not have a cross connection plan at the time of inspection. LAC 51:XII.344.B - In order to protect its water supply from potential contamination, each water supplier shall develop and implement a written backflow prevention plan outlining the policies and procedures it will use to verify that its customers comply with mandatory containment practices, and shall make a reasonable effort to ensure that only customers who comply with mandatory containment practices connect or remain connected to its water supply.

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC	Finished Water Storage	The storage tank had moderate rusting at the time of inspection. **See Attachment #1** LAC 51:XII.225.S - Painting and/or cathodic protection. Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both.
FACILITY	CATEGORY	FINDINGS
2103389-001 - WELL AT ST TAM SCH BD EDU CTR	Source	The well pump and storage tank had temporary support at the time of inspection. The discharge and storage tank shall be equipped with permanent support. **See Attachments #1 and #2** LAC 51:XII.169.E.8.d - Protection from physical damage shall be provided as required by the state health officer.
FACILITY	CATEGORY	FINDINGS
2103389-001 - WELL AT ST TAM SCH BD EDU CTR	Source	The well discharge piping was not equipped with a flow meter at the time of inspection. LAC 51:XII.169.H.3.a.iv - The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, and a means of measuring flow.

FACILITY	CATEGORY	FINDINGS
2103389-001 - WELL AT ST TAM SCH BD EDU CTR	Source	The well was not equipped with a vent at the time of inspection. LAC 51:XII.327.A.11 - All potable water well casings shall be vented to atmosphere provided in 327.A.12 below. LAC 51:XII.327.A.12 - All potable water well vents shall be so constructed and installed as to prevent the entrance of contamination. All vent openings shall be piped water tight to a point not less than 24 inches above the highest flood level which may have occurred in a 10-year period, but in no case less than 24 inches above the ground surface. Such vent openings and extensions thereof shall be not less than 1/2 inch in diameter, with extension pipe firmly attached thereto. The openings of the vent pipes shall face downward and shall be screened to prevent the entrance of foreign matter.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
2	03/08/2019	FAILURE ADDRESS DEFICIENCY (GWR)	

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: HYDROPNEUMATIC

Category: Finished Water Storage

Attachment Comments: The hydropneumatic tank had rust at the time of inspection. The tank also had temporary support.



Attachment #2

Severity: Minor

Facility ID: WELL AT ST TAM SCH BD EDU CTR

Category: Source

Attachment Comments: The well pump had temporary support at the time of inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7014 2870 0001 2187 0947

May 13, 2019

Joe Dilullo
RALLYS HAMBURGERS
4300 West Cypress Street
Tampa, FL 33607

Re: Class I Sanitary Survey
RALLYS HAMBURGERS Public Water System
PWS ID LA2103406
ST TAMMANY Parish

Dear Mr. Dilullo:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 29, 2019 sanitary survey inspection of the public water supply system for RALLYS HAMBURGERS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Parker Allen	LDH-OPH-Engineering Services
Eric Brown	LDH-OPH-Engineering Services
Corey Harris	LDH-OPH-Engineering Services
Rene Peytral	Prj Contracting, Inc.

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing,

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - RALLYS HAMBURGERS WELL	Treatment	The sample tap for the raw water should be before the check valve so a representative well sample can be obtained. LAC 51:XII.141 - Sample taps shall be provided so that water samples can be obtained from appropriate locations in each unit of operation of treatment, and from the finished water. Taps shall be consistent with sampling needs and shall not be of the petcock type. Taps used for obtaining samples for bacteriological analysis shall be of the smooth-nosed type without interior or exterior threads, shall not be of the mixing type, and shall not have a screen, aerator, or other such appurtenance.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
ST001 - STORAGE TANK	Finished Water Storage	It is recommended that there be a means of bypassing the hydropnematic tanks in an emergency situation. LAC 51:XII.229.D. - The hydropneumatic tank(s) shall have bypass piping to permit operation of the system while the tank is being repaired or painted.
FACILITY	CATEGORY	FINDINGS
TP001 - RALLYS HAMBURGERS WELL	Treatment	The storage area for the feed equipment should be clear of obstructions to allow for efficient handling of chemial feed systems. There is currently large, miscellaenous kitchen equpement stored in the same area. LAC 51:XII.203.I.1 - Space should be provided for at least 30 days of chemical supply, convenient and efficient handling of chemicals, dry storage conditions, and a minimum storage volume of 1.5 truck loads where purchase is by truck load lots.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Metro Region I
Attn: Parker Allen,
1450 Poydras Street, Suite 1273, Benson Towers
New Orleans, Louisiana 70112

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 504-599-0140.

Respectfully,

Parker Allen

Parker Allen, E.I.

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 70171000000031758617

March 27, 2019

Travis Amar
WE DAT STOP
310 N W Railroad Ave
Hammond, LA 70401

Re: Class I Sanitary Survey
WE DAT STOP Public Water System
PWS ID LA2103449
ST TAMMANY Parish

Dear Amar:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 12, 2019 sanitary survey inspection of the public water supply system for WE DAT STOP (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
Mike Metz	WTSO

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	LAC 51:XII.367.D - The records of the measurements and sampling required under Subsections A and B of this section shall be maintained on forms approved by the state health officer and shall be retained as prescribed in the National Primary Drinking Water Regulations, and shall be made available for review upon request by the state health officer. During the inspection the ACR chlorine residual is being recorded on the POE Report #2 form. The Report #3 form is used to record the additional chlorine residual. These records are to be kept for at least 3 years and shall be made available upon request.
FACILITY	CATEGORY	FINDINGS
TP001 - WELL	Treatment	Calibration tubes or mass flow monitors which allow for direct physical checking of actual feed rates shall be fitted. During the inspection a calibration tube is not provided at the treatment plant. A calibration tube shall be installed to monitor and adjust feeding rates. Provisions shall be made for measuring the quantities of chemicals used in order to prevent reaching max dosage of the applied chemical.
FACILITY	CATEGORY	FINDINGS
TP001 - WELL	Treatment	Liquid chemical storage tanks must have a liquid level indicator and have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge. A common receiving basin may be provided for each group or compatible chemicals that provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank. During the inspection the sodium hypochlorite storage container did not have receiving basins capable of receiving accidental spills or overflows. Receiving basins should be provided for all chemical containers.

FACILITY	CATEGORY	FINDINGS
TP001 - WELL	Treatment	Tanks and tank refilling line entry points shall be clearly labeled with the name of the chemical contained. During the inspection the chemical storage tank used for the sodium hypochlorite is not properly labeled. The storage tank shall be labeled with chemical information from the chemical supplier. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
2103449-001 - WE DAT STOP WELL	Source	The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained. During the inspection a flow meter is not provided on the discharge line at the well. The discharge piping shall be equipped with a flow meter capable of measuring and totalizing the flow. In addition, the pressure gauge is not working. The pressure gauge shall be repaired or replaced. **See Attachment #2**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9004416	08/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

Respectfully,

Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: WELL

Category: Treatment

Attachment Comments: The chemical storage tank is not provided with a label or a receiving basin.



Attachment #2

Severity: Minor

Facility ID: WE DAT STOP WELL

Category: Source

Attachment Comments: A flow meter is not provided on the discharge piping and the pressure gauge is not working.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7014 2870 0001 2187 0695

March 6, 2019

Frank Corolla
COROLLAS SHOPPING CENTER
25335 Hwy 190
Lacomb, LA 70445

Re: Class I Sanitary Survey
COROLLAS SHOPPING CENTER Public Water System
PWS ID LA2103471
ST TAMMANY Parish

Dear Mr. Corolla:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 14, 2019 sanitary survey inspection of the public water supply system for COROLLAS SHOPPING CENTER (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Parker Allen	LDH/OPH Engineering Services
Chad Fagan (By Phone)	Boondock Services
John Mixon	Operator, Contracted by Boondock Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or

malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TP COROLLOS SHOPPING CENTER WELL NO 001	Treatment	The Sodium Hypochlorite 12.5% solution tank was missing an appropriate label. LAC 51:XII.319.D.23 - Storage tanks and pipelines for liquid chemicals shall be specified for use with individual chemicals and not used for different chemicals. Offloading areas must be clearly labeled to prevent accidental cross-contamination.
FACILITY	CATEGORY	FINDINGS
TP001 - TP COROLLOS SHOPPING CENTER WELL NO 001	Treatment	There is no written procedure or guidance manual which provided the methods for dilution or means by which solution strength is determined. This deficiency has been elevated to significant due to the severely diluted and/or degraded solution being used during the time of the site visit. LAC 51:XII.203.J.1. - A means which is consistent with the nature of the chemical solution shall be provided in a solution tank to maintain uniform strength of solution. Continuous agitation shall be provided to maintain slurries in suspension.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Daily chlorine residual records were not produced upon request. There is no definitive evidence that the chlorine residuals are being measured daily. A daily chlorine residual log should be stored at or near the well site. LAC 51:XII.311.A - Complete daily records of the operation of a public water system, including reports of laboratory control tests, shall be kept and retained as

		prescribed in the National Primary Drinking Water Regulations on forms approved by the state health officer. When specifically requested by the state health officer or required by other requirements of this Part, copies of these records shall be provided to the office designated by the state health officer within 10 days following the end of each calendar month. Additionally, all such records shall be made available for review during inspections/sanitary surveys performed by the state health officer.
FACILITY	CATEGORY	FINDINGS
TP001 - TP COROLLOS SHOPPING CENTER WELL NO 001	Treatment	There shall be a means by which to measure the liquid level in the Sodium Hypochlorite tank. This is especially critical when diluting chemicals. LAC 51:XII.203.J.3. - Means shall be provided to measure the liquid level in the tank.
FACILITY	CATEGORY	FINDINGS
TP001 - TP COROLLOS SHOPPING CENTER WELL NO 001	Treatment	The treatment plant lacks a flow meter, or any other means of determining flow rate. LAC 51:XII.203.B.3. - A means to measure the flow stream being dosed shall be provided in order to determine chemical feed rates.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Metro Region I
Attn: Parker Allen,
1450 Poydras Street, Suite 1273, Benson Towers
New Orleans, Louisiana 70112

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
108	02/14/2019	CHLORINE	02/01/2019 - 02/28/2019

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
109	02/15/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	02/01/2019 - 02/28/2019

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 504-599-0140.

Respectfully,

Parker Allen,

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering
Jacob Haffner, P.E., District 2 Engineer, LDH-OPH-Engineering
Jie Gu, P.E., Region 9 Engineer Manager, LDH-OPH-Engineering
Chad Fagan, Operator, Boondock Services

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70171000000031758204

May 31, 2019

Tim Brown
ST TAM PARISH - MEDCATH (LA HEART)
620 N Tyler St
Covington, LA 70433

Re: Class I Sanitary Survey
ST TAM PARISH - MEDCATH (LA HEART) Public Water System
PWS ID LA2103476
ST TAMMANY Parish

Dear Mr. Brown:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 17, 2019 sanitary survey inspection of the public water supply system for ST TAM PARISH - MEDCATH (LA HEART) (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
Ariel Bennett	St. Tammany Parish Government
Chad Freeman	Tammany Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	Per LAC 51:XII.319.D.2, for any community water supply and non-community water supply serving a hospital, a standby power supply shall be provided through a dedicated portable or in-place auxiliary power of adequate supply and connectivity. At the time of inspection, no generator was present for backup power.
FACILITY	CATEGORY	FINDINGS
2103476-001 - MEDCATH (LA HEART HOSP) WELL 001	Source	Per LAC 51:XII.169.B.2, when groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless otherwise specified by the state health officer. At the time of inspection, there was no second source of water.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - MEDCATH (LA HEART HOSP) TREATMENT PLANT	Treatment	Per LAC 51:XII.203.I.4.b, liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge. Sodium Hypochlorite did not have secondary containment at time of inspection. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

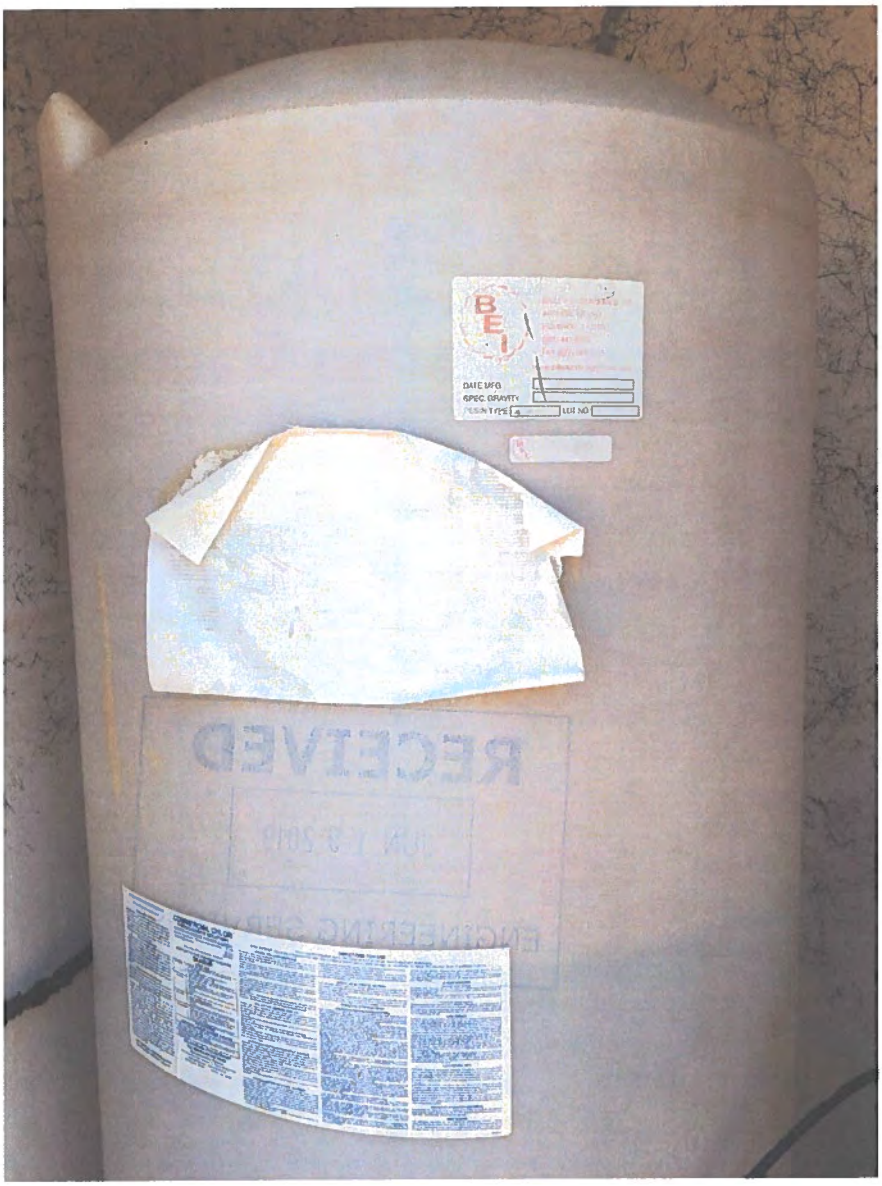
Respectfully,



Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: MEDCATH (LA HEART HOSP) TREATMENT PLANT

Category: Treatment

Attachment Comments: Chemical storage tank was not double walled and did not have a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1611

July 3, 2019

Wade Gottschalk
MONTELEONE JR HIGH SCHOOL
71470 Ruby Street
Covington, LA 70433

Re: Class I Sanitary Survey
MONTELEONE JR HIGH SCHOOL Public Water System
PWS ID LA2103489
ST TAMMANY Parish

Dear Mr. Gottschalk:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 20, 2019 sanitary survey inspection of the public water supply system for MONTELEONE JR HIGH SCHOOL (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Tessa Dixon	LDH-OPH Region IX Sanitarian
Wade Gottschalk	St. Tammany Parish School Board
Gary Hoover	St. Tammany Parish School Board

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/08/2016	01/11/2017	Sanitary Survey, Finished	Minor	Source	2103489-001-MONTELEONE JR HIGH SCHOOL WELL 01
Comments: There was no vent on the well.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The water system did not have a cross connection plan at the time of inspection. LAC 51:XII.344.B - In order to protect its water supply from potential contamination, each water supplier shall develop and implement a written backflow prevention plan outlining the policies and procedures it will use to verify that its customers comply with mandatory containment practices, and shall make a reasonable effort to ensure that only customers who comply with mandatory containment practices connect or remain connected to its water supply.
TP001 - MONTELEONE JR HIGH SCHOOL	Treatment	The chlorine label on the sodium hypochlorite secondary storage container was faded to the point of being illegible. The label should also be located on the sodium hypochlorite primary container. **See Attachment #1** LAC 51:XII.319.D.23 - Storage tanks and pipelines for liquid chemicals shall be specified for use with individual chemicals and shall not be used for different chemicals. Offloading areas shall be clearly labeled to prevent accidental cross-contamination.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and

include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written inspection program for the ground storage tank. For steel tanks AWWA M42 recommends the maximum interval for periodic inspections of the tank interior should normally be three (3) years. It is usually advisable to wash out the tank at the time of inspection.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
211	03/25/2019	FAILURE ADDRESS DEFICIENCY (GWR)	

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: MONTELEONE JR HIGH SCHOOL

Category: Treatment

Attachment Comments: The chlorine label was illegible at the time of inspection. The label should also be on the primary container.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **70190700000059891437**

September 13, 2019

Tabitha Perilloux
TABIS HOUSE
611 Deer Cross Court E
Madisonville, LA 70447

Re: Class I Sanitary Survey
TABIS HOUSE Public Water System
PWS ID LA2103494
ST TAMMANY Parish

Dear Mrs. Perilloux:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 19, 2019 sanitary survey inspection of the public water supply system for TABIS HOUSE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
David Entrevia	Entrevia Environmental Services LLC
Tabitha Perilloux	Tabis House

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	Changes requiring written approval from the state health officer were started and/or completed without authorization. Please submit to this office signed, stamped, and dated As-Built plans and specifications from a Louisiana licensed professional engineer for review and approval by LDH. No public water supply shall be hereafter constructed, operated or modified to the extent that the capacity, hydraulic conditions, functioning of treatment processes, or the quality of finished water is affected, without, and except in accordance with the plans and specifications for the installation which have been approved, in advance, as part of a permit submitted by the person having responsible charge of a municipality owned public water supply or by the owner of a privately owned public water supply. The permit shall be issued by the state health officer prior to the start of such construction or modification. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
2103494-001 – **Just For Kids Academy Well**	Source	Appropriate separation from all sources of contamination shall be provided. There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #7, #6 and #5**

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
16	08/28/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2019 - 08/31/2019
15	04/09/2019	LEAD CONSUMER NOTICE (LCR)	01/01/2018 - 12/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

Respectfully,



Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: System Management and Operation

Attachment Comments: A sand filter has been installed at the Tabis House well site.



Attachment #5

Severity: Significant

Facility ID: JUST FOR KIDS ACADEMY WELL

Category: Source

Attachment Comments: A drain pipe from the storage tank designated to catch sand only is inches above the ground surface.



Attachment #6

Severity: Significant

Facility ID: JUST FOR KIDS ACADEMY WELL

Category: Source

Attachment Comments: The drain pipe from the sand filter is located inches above the ground surface.



Attachment #7

Severity: Significant

Facility ID: JUST FOR KIDS ACADEMY WELL

Category: Source

Attachment Comments: A drain pipe from the treatment plant discharges partially underground and into an opened field.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70190700000059892007

July 30, 2019

Meghan Gartman
T RIVERS
P.O. Box 1198
Madisonville, LA 70447

Re: Class I Sanitary Survey
T RIVERS Public Water System
PWS ID LA2103496
ST TAMMANY Parish

Dear Ms. Gartman:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 8, 2019 sanitary survey inspection of the public water supply system for T RIVERS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH/OPH Engineering/Region 9
Jacob Haffner	LDH/OPH Engineering/District II
Michael Benjamin	No Wake Zone, LLC
Meghan Gartman	No Wake Zone, LLC

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/07/2014	07/07/2014	Sanitary Survey, Finished	Significant	Source	2103496-001-T RIVERS WELL
Comments: It is this office's understanding the well site was inundated as a result of recent hurricane activity. Provide official documentation of the highest flood level which occurred in the previous 10-year period. Ensure that the top of the well casing is at least 24 inches above the highest flood level.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/07/2014	07/07/2014	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT PLANT 001
Comments: Secondary containment for the sodium hypochlorite storage container should be provided.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Operator Compliance with State Requirements	The system was not operated by a certified operator. Per LAC 51:XII.309.A, all public water supplies shall be under the supervision and control of a duly certified operator as per requirements of the State Operator Certification Act, Act 538 of 1972, as amended (R.S. 40:1141-1151).
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	There was no vacuum breaker on a hose that was located near an unsafe body of water. Per LAC 51:XII.A, there shall be no physical connection between a public water supply and any other water supply which is not of equal sanitary quality and under an equal degree of official supervision; and there shall be no connection or arrangement by which unsafe water, hazardous fluid or contamination may enter a public water supply system.

FACILITY	CATEGORY	FINDINGS
2103496-001 - T RIVERS WELL	Source	There is a possibility of the well being contaminated by equipment being stored nearby. Per LAC:XII.327.A.2, every potable water well, and the immediate appurtenances thereto that comprise the well, shall be located at a safe distance from all possible sources of contamination, including but not limited to, privies, cesspools, septic tanks, subsurface tile systems, sewers, drains, barnyards and pits below the ground surface. The horizontal distance from any such possible source of pollution shall be as great as possible, but in no case less than the following minimum distances, except as otherwise approved by the state health officer.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Water system did not have records of their Stage 2 Disinfection Byproducts Rule and Lead and Copper. Per LAC 51:XII.1505.D, an approved chemical laboratory/drinking water shall ensure that records and reports are satisfactorily maintained and retrievable. Copies of records and reports for any off-site approved chemical laboratory/drinking water shall be filed in a folder identifying the public water system by name as well as its public water system identification number (PWS ID #).
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT 001	Treatment	The sodium hypochlorite storage container did not have a label. Per LAC 51:XII.205.A.1, chemical shipping containers shall be fully labeled to include chemical name, purity and concentration, and supplier name and address. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
2103496-001 - T RIVERS WELL	Source	The well vent was not terminated downward and was not covered with a 24 mesh, corrosion resistant screen.

		Per LAC 51:XII.169.H.6.b, all vent openings shall be piped water tight to a point not less than 24 inches above the 100-year flood elevation, but in no case less than 24 inches above the ground surface. Such vent openings and extensions thereof shall be not less than 1/2 inch in diameter, covered with a 24 mesh, corrosion resistant screen with extension pipe firmly attached thereto. The openings of the vent pipes shall face downward and shall be screened to prevent the entrance of foreign matter. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
2103496-001 - T RIVERS WELL	Source	The well was not equipped with a flow meter. Per LAC 51:XII.169.H.3.a.iv, the discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, and a means of measuring flow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that T-Rivers is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. It is recommended the system operator to obtain chorine testing procedures of high and low ranges for all parties responsible for testing chlorine residuals. These procedures can be downloaded and printed form the manufacturer's website and should be stored with the colorimeter(s) for easy reference.
2. It is recommended that the well slab be uncovered so that it can be inspected regularly for possible damage.
3. It is recommended that all records are organized and easily accessible.
4. It is recommended the system develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
19	06/17/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	06/01/2019 - 06/30/2019
18	05/09/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	05/01/2019 - 05/31/2019
16	08/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: TREATMENT PLANT 001

Category: Treatment

Attachment Comments: Storage container with no label



Attachment #2

Severity: Minor

Facility ID: T RIVERS WELL

Category: Source

Attachment Comments: Well air vent

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8402

April 30, 2019

Charles Hickman
MAYHEM BASEBALL
745 English Oak Drive
Madisonville, LA 70447

Re: Class I Sanitary Survey
MAYHEM BASEBALL Public Water System
PWS ID LA2103527
ST TAMMANY Parish

Dear Mr. Hickman:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 11, 2019 sanitary survey inspection of the public water supply system for MAYHEM BASEBALL (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH OPH Region IX Engineering
Charles Hickman	Mayhem Baseball
Corey Harris	LDH OPH Region IX Engineering

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The system did not have an approved total coliform compliance monitoring plan at the time of inspection. Per LAC 51:XII.319.D.20, system shall have a monitoring plan that includes a list of all routine compliance samples required on a daily, weekly, monthly, quarterly, and annual basis and identify the sampling location where samples are to be collected.
FACILITY	CATEGORY	FINDINGS
Management	Operator Compliance with State Requirements	There was no certified operator associated with this water supply at the time of inspection. Per LAC 51: XII.309.A, all public water supplies shall be under the supervision and control of a duly certified operator as per requirements of the State Operator Certification Act, Act 538 of 1972, as amended. The water system shall retain a certified operator.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	There was only one single check valve installed upstream the irrigation pipe at the time of inspection, which is not considered as an appropriate back flow device for irrigation system. Per LAC 51:XII.343.A , there shall be no physical connection between a public water supply and any other water supply which is not of equal sanitary quality and under an equal degree of official supervision; and there shall be no connection or arrangement by which unsafe water may enter a public water supply system. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	The liquid disinfectant storage tank was not labeled to identify its contents at the time of inspection. Per LAC 51:XII.319.D.23, storage tanks and pipelines for liquid chemicals shall be specified for use with individual chemicals and not used for different chemicals. Offloading areas must be clearly labeled to prevent accidental cross-contamination. **See Attachment #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The system was not monitoring and recording chlorine residuals in the distribution at the time of inspection. Per LAC 51: XII.367.A, a public water system (PWS) shall measure the residual disinfectant concentration within the distribution system at least once per day. Chlorine residuals must be monitored daily at the water production (POE) site and a critical point (MRT)--the furthest location in the water system. An additional chlorine residual check must be made monthly at the ACR site.

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The taps available for total coliform routine compliance monitoring were threaded at the time of inspection. Per LAC 51:XII.903.B, the water supply must provide suitable taps which draw water directly from the mains or the service lines. Such taps provide for samples which are most representative of the quality of water provided without "interference" which may be caused by plumbing problems within residences or other structures. Use of such taps decreases the chance of "bad samples" resulting in a coliform maximum contaminant level (MCL) violation which requires public notification by the public water supply and an administrative enforcement action by the EPA/DHH against the public water supply. The system shall provide smooth-nozzle taps outside of the single building. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	There was no receiving basin provided for the disinfectant tank at the time of inspection. Per LAC 51:XII.203.I.4.b, liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

It is highly recommended that the system have the non-potable water pipe color coded or labeled.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
1	04/15/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	04/01/2019 - 04/30/2019

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



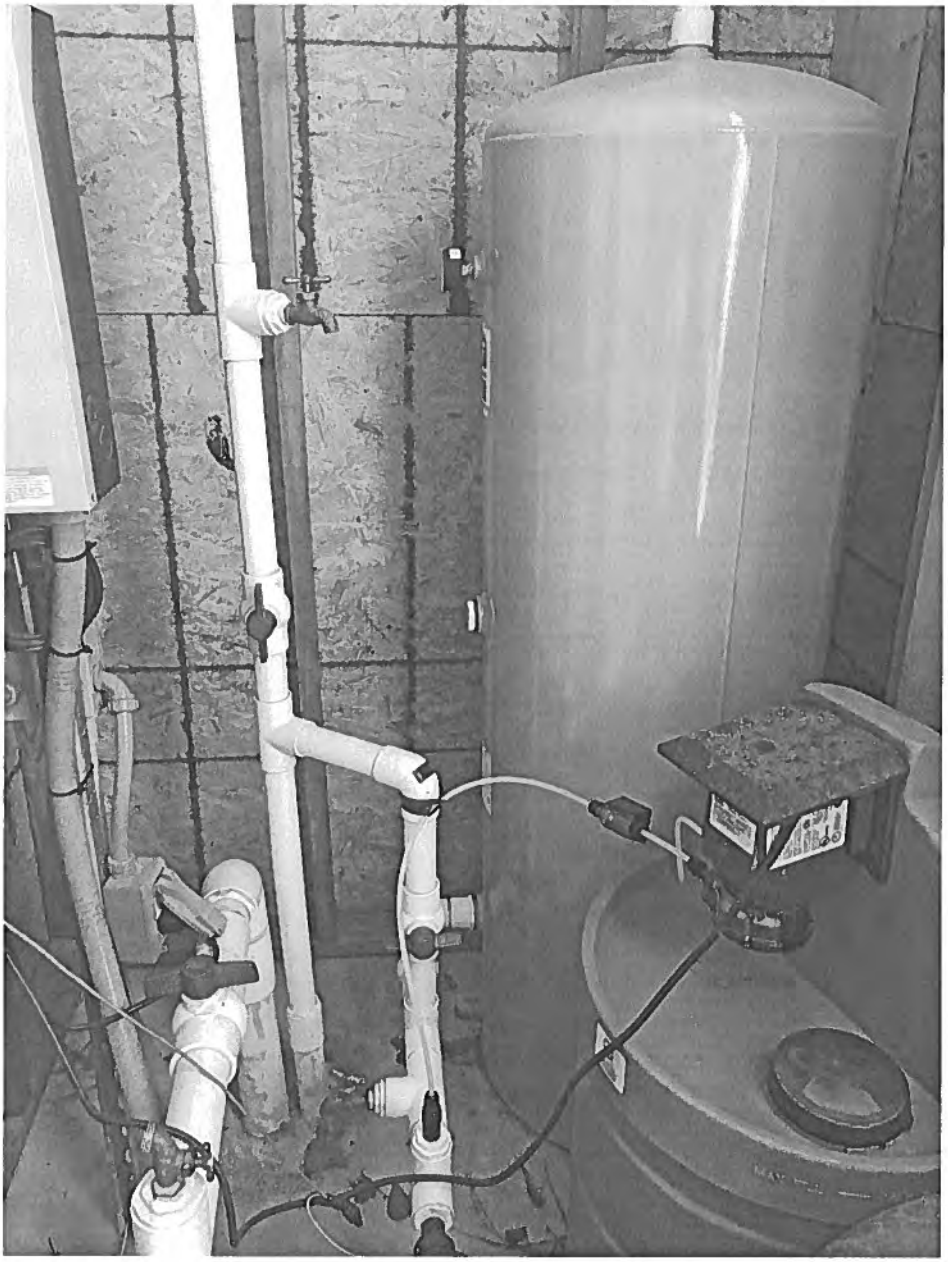
Attachment #1

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Single check valve is not considered as an appropriate back flow device for the irrigation system.



Attachment #2

Severity: Significant

Facility ID: TREATMENT PLANT

Category: Treatment

Attachment Comments: Chemical storage tank was not labeled at the time of inspection.



Attachment #3

Severity: Minor

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Available taps for total coliform compliance were threaded at the time of inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 1830 0001 0580 5522

May 9, 2019

Rodney Hart
ST. TAMMANY PARISH 911 COMMUNICAT CENTER
510 East Boston St., Suite 200
Covington, LA 70433

Re: Class I Sanitary Survey
ST. TAMMANY PARISH 911 COMMUNICAT CENTER Public Water System
PWS ID LA2103529
ST TAMMANY Parish

Dear Mr. Hart:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 28, 2019 sanitary survey inspection of the public water supply system for ST. TAMMANY PARISH 911 COMMUNICAT CENTER (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Teresa Benton	OPH District II Engineering Services
Poppi W Crain	OPH Region IX Engineering Services
Robert Gilbride	Gilbride Aqua Service

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing.

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	Other	During the survey a double check valve was noticed at the well head. A single check valve is required. As long as there are no issues the double check valve will be fine. **See Attachment #1**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Teresa Benton, R.S.
P. O. Box 4489, Bin #10, Bienville Bldg.
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225/335-1191.

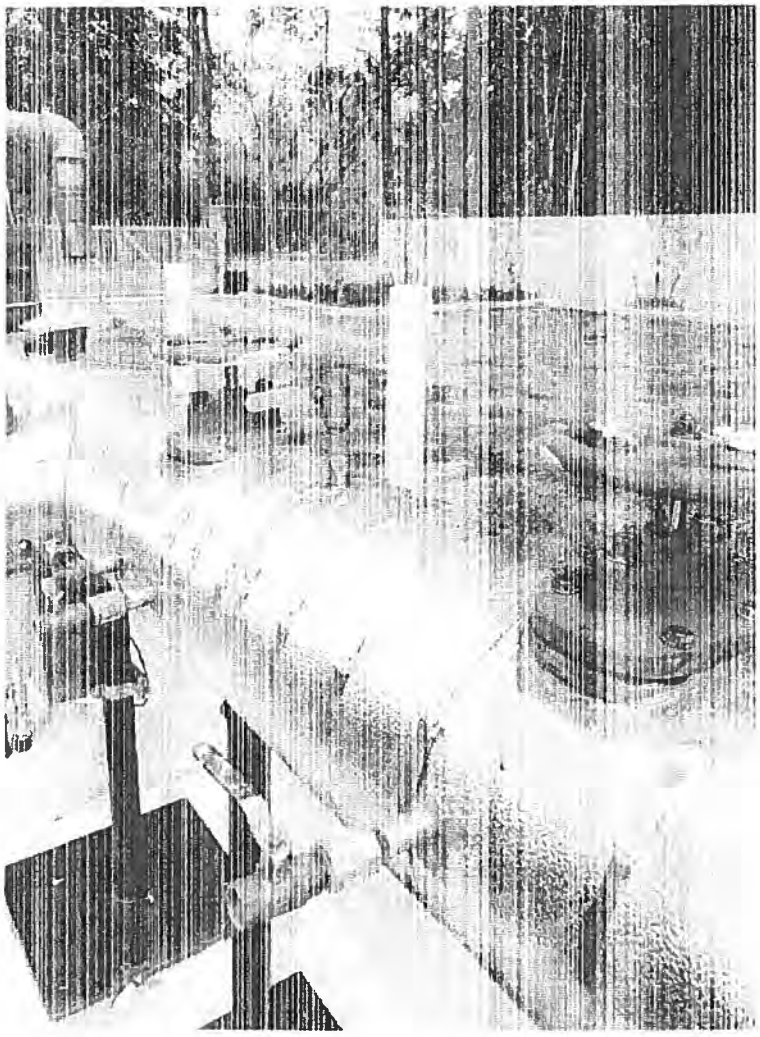
Respectfully,

Teresa Benton

Teresa Benton, R.S.
District II Compliance Manager

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Recommendations

Category: Other

Attachment Comments: This is a picture of the double check valve so we can a picture on file.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7015 3010 0000 4003 7652

July 23, 2019

Buddy Bel
TOWN of AMITE WATER SYSTEM
212 E. Oak Street
Amite, LA 70422

Re: Class I Sanitary Survey
TOWN of AMITE WATER SYSTEM Public Water System
PWS ID LA1105001
TANGIPAHOA Parish

Dear Mayor Bel:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 9, 2019 sanitary survey inspection of the public water supply system for TOWN of AMITE WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH-OPH Region IX Engineer
George Bickford	Operator

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The packing of the gate valve on the Steel Mill well discharge piping was slightly leaking at the time of the inspection. All potable water systems shall be designed, constructed and maintained so as to prevent leakage of water due to defective materials, improper jointing, corrosion, settling, impacts, freezing, or other causes. **See Attachment #1**

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, PWS shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that PWS has implemented with respect to the matters detailed in the complaint. PWS shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.

2. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that PWS is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. A well pumping test was performed but not recorded - pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9004009	01/31/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	01/01/2019 - 01/31/2019

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

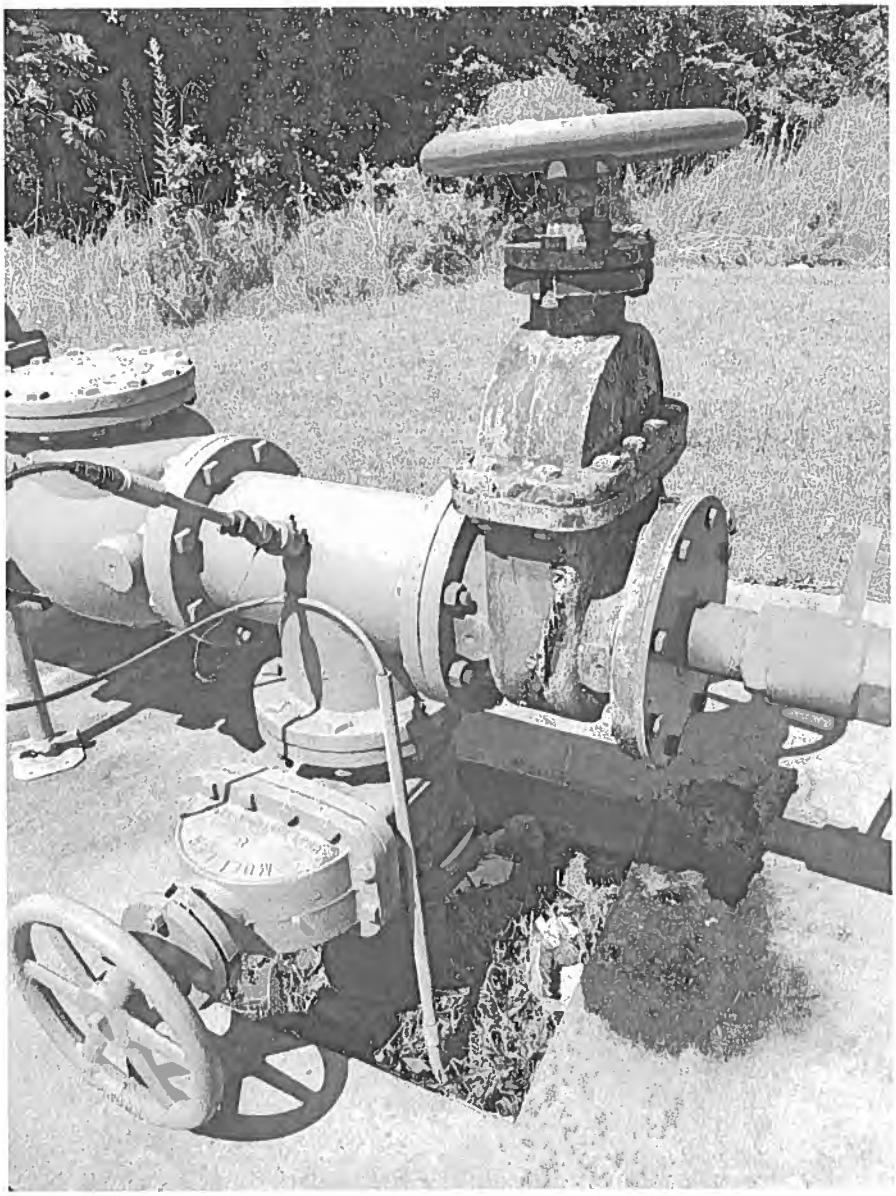
Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Other

Attachment Comments: The packing of the gate valve on the Steel Mill well discharge piping was slightly leaking at the time of the inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7015 3010 0000 4003 7737

August 27, 2019

Charles E Schlicher
FLUKER CHAPEL WATER WORKS
46463 N Morrison Blvd
Hammond, LA 70401

Re: Class I Sanitary Survey
FLUKER CHAPEL WATER WORKS Public Water System
PWS ID LA1105005
TANGIPAHOA Parish

Dear Mr. Schlicher:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 26, 2019 sanitary survey inspection of the public water supply system for FLUKER CHAPEL WATER WORKS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Charles E Schlicher	Tangipahoa Water District

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The cross connection control plan was not finished at the time of the inspection. Per LAC 51: XII.344, each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.
FACILITY	CATEGORY	FINDINGS
1105005-002 - FLUKER NEW WELL	Source	At the time of inspection, there was no active secondary source of water. Per LAC 51:XII.169.B.2, when groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP002 - NEW WELL TREATMENT PLANT	Treatment	A calibration tube or mass flow monitor was not installed at time of the inspection. Per LAC 51: XII.209.D.2.d, calibration tube shall be installed to monitor and adjust feeding rate.
FACILITY	CATEGORY	FINDINGS
TP002 - NEW WELL TREATMENT PLANT	Treatment	There was no receiving basin for the disinfectant tank at the time of the inspection. Per LAC 51:XII.203.I.4.b, liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to

correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

2. Develop and implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

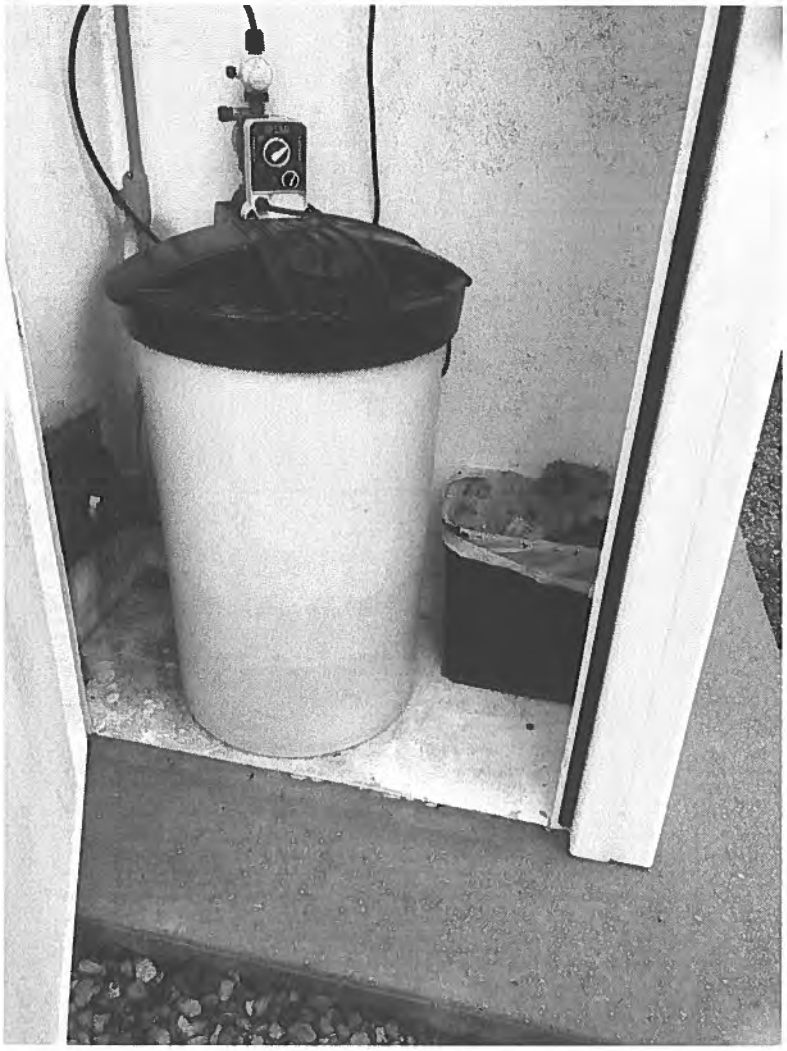
Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: NEW WELL TREATMENT PLANT

Category: Treatment

Attachment Comments: A calibration tube or mass flow monitor was not installed at time of the inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of the Secretary

CERTIFIED MAIL: 7017 1450 0001 7076 4563

January 28, 2019

Mr. Charles Schlicher
Tangipahoa Parish Water District
46463 N. Morrison Blvd.
Hammond, LA 70401

Re: Level 2 Assessment
Tangipahoa Parish Water District
PWS ID LA1105008
Tangipahoa Parish

Dear Mr. Charles Schlicher:

The Louisiana Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 23, 2019 RTCR Level 2 Assessment of the public water supply system for Tangipahoa Parish Water District. The intent of this assessment, in response to multiple positive total coliform samples in a running 12 month period, is to locate sanitary defects the could infer with the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code.

Parties Present

Name	Organization
Jacob Haffner	OPH-District II Engineering
Ryan Farlow	OPH-Region II Engineering
Jie Gu	OPH-Region IX Engineering
Eric Brown	OPH-Region IX Engineering
Charles Schlicher	Tangipahoa Parish Water District

The RTCR Level 2 Assessment form is enclosed with this letter. Please review the findings of the assessment report. The sanitary defects listed in the table, starting on page 4 of the RTCR Level 2 Assessment Form titled "Issue Descriptions and Corrective Actions" must be corrected and a written response submitted to the department. The response is due 30 days from receipt of this report. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these sanitary defects, then the written

Re: Level 2 Assessment
Tangipahoa Parish Water District
PWS ID LA1105008
Tangipahoa Parish

response must also contain a request with specific dates when the sanitary defects will be corrected.

Written Response Required

Send written responses and confirmation regarding findings of the RTCR Level 2 Assessment to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Region II
Attn: Jacob Haffner, P.E.
P.O Box 4489
Baton Rouge, LA 70821-4489

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-342-7363.

Respectfully,



Jacob Haffner, P.E.
District II Engineer

Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: Tangipahoa Parish Water District		PWS ID#: LA1105008
Contact Name: Charles Schlicher		Phone #: 985-320-5512
PWS Address: 46463 N. Morrison Blvd.		E-mail: charles@tangiwater.com
Name of Lead Assessor: Jacob Haffner		Date Completed: 1/23/2019
Level 2 Trigger	*E. coli* Positive: YES ☐ **NO X**	If yes, which sample(s) from Section II?
	2nd Level 1: **YES X** NO ☐	Date of 1st Level 1: May 21, 2018

II. Positive Sample Information (Use page 6 to report additional positive monthly samples)

Positive Sample #1:	Sample POC#: TCR-033	Sample POC Name: Club Deluxe @ S. Morrison Blvd.
Sample Date: 1/16/2019	Name of Sample Collector: Jacob Jefcoat	
Chlorine Residual: Free ☐ Total X Not Measured ☐		0.84 mg/L
Was the sample collected according to the sample siting plan?		YES X NO ☐
Was the condition of the sample tap appropriate for collection?		YES x NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES x NO ☐

Positive Sample #2:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #3:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		
Was the sample collected according to the sample siting plan?		YES ☐ NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

Positive Sample #4:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free ☐ Total ☐ Not Measured ☐		
Was the sample collected according to the sample siting plan?		YES X NO ☐
Was the condition of the sample tap appropriate for collection?		YES ☐ NO ☐
Were the samples collected in accordance with proper sample collection protocols?		YES ☐ NO ☐

III. Assessment Questions

A. Source – Well

**If PWS does not use a well source check here and skip to subsection B* ☐

Which well sources were not used during the monitoring period? Questions:	YES	NO	N/A	Unk.
1. Was a new source activated?		x		
2. Is the ground graded to prevent surface water flow towards the well?	x			
3. Does the well casing extend at least 18" above the ground?	x			
4. Is the exposed portion of the well casing in good condition?	x			
5. Does the well have a secured sanitary seal well cap?	x			
6. Is the sanitary seal well cap vented and screened?	x			
7. Is there a down turned well vent that is at least 24 inches above the ground surface?	x			
8. Are appropriate backflow prevention devices installed, maintained, and tested on all cross connections?		x		
9. Does raw water quality data indicate changes to the source water quality?		x		
10. Has source yield changed?		x		
11. Are there obvious sources of contamination in the vicinity of the well?		x		
12. Was the well pump recently repaired or replaced?		x		
13. Are there signs of vandalism at the well?		x		
14. Have there been any unusual weather events that may have impacted the well?		x		
15. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the well?		x		

Assessor Name: Jacob Haffner, District II Engineer

B. Source – Surface Water

**If PWS does not use a surface water source check here and skip to subsection C* X

Which surface water sources were used during the monitoring period? Questions:	YES	NO	N/A	Unk.
1. Is the surface water intake screened and maintained?				
2. Is the pump house protected from unauthorized personnel?				
3. Does raw water quality data indicate changes to the source water quality?				
4. Are there obvious sources of contamination within the nearby watershed?				
5. Are there signs of vandalism at the surface water intake?				
6. Have severe weather events such as heavy rainfall, rapid snowmelt, drought, or reservoir turnover occurred?				
7. Have there been any sewer overflows or spills, chemical spills or other disturbances in the area of the source?				

Assessor Name:

C. Treatment Processes

Questions:	YES	NO	N/A	Unk.
1. Have there been interruptions in any treatment processes?		x		
2. Has the treatment plant(s) or finished water pump(s) experienced any power interruptions?		x		
3. Has there been any recent installation or repair of treatment equipment?	x			
4. Have there been changes to any treatment processes?		x		
5. Does water quality data indicate inadequate/inappropriate treatment of water?		x		
6. Are all treatment processes operational and maintained?	x			
7. Is there an air gap between treatment instrumentation and waste lines?	x			
8. Were there any failures to meet required CT values?		x		
9. Did treatment plant flow rates exceed the permitted capacity?		x		
10. Is the PWS meeting all permit special conditions (alternative treatment technologies)?			x	
11. Did a review of the turbidity data reveal any anomalies?			x	
12. Did a review of chlorine residual data reveal any anomalies or deficiencies? **(Field checks at the plant reveal possible issues with chloramination process.)**		x		
13. **Is there a problem with the overall condition of any items in the treatment process?**		x		

Assessor Name: Jacob Haffner, District II Engineer

D. Distribution System

Questions:	YES	NO	N/A	Unk.
1. Have line breaks and repairs, or large firefighting events occurred?	x			
2. If samples were collected from inside a building, has there been any recent plumbing work conducted at the site?			x	
3. If samples were collected from inside a building, does the site have additional water treatment installed?			x	
4. Is there evidence that the system experienced low or negative pressure?		x		
5. Was there any scheduled flushing of the distribution system?		x		
6. Are pump stations protected from unauthorized personnel?	x			
7. Are appropriate backflow prevention devices installed, maintained, and tested on all cross connections?			x	
8. Are air relief valves maintained and operational without leaks?	x			
9. Are pump stations maintained and equipment operational?	x			
10. Are fire hydrants and blow offs maintained and operational without leaks?	x			

11. Does water quality data collected in the distribution system show results indicative of an issue?	x			
12. Have any water related customer complaints been received?	x			
13. Is there any evidence of intentional contamination in the distribution system?		x		

Assessor Name: Jacob Haffner, District II Engineer

E. Storage Tanks

**If no storage tank check here and skip to section IV.* ☐

Questions:	YES	NO	N/A	Unk.
1. Is the pressure tank maintaining an appropriate minimum pressure?	x			
2. Are all vents and overflow pipes screened?	x			
3. Is the tank maintained and free of rust, holes and leaks?	x			
4. Are there any unsealed openings in the storage facility such as access doors, vents or joints?		x		
5. Are signs of vandalism visible?		x		
6. Are roof hatches and manhole openings tightly covered and locked?	x			
7. Do downspouts and overflow pipes drain water away from structure?	x			
8. Have all storage tanks been inspected and cleaned within the last 5 years?		x		
9.				

Assessor Name: Jacob Haffner, District II Engineer

IV. Water Quality Data Table

Parameter	Number of Each Sample Type Collected		
	Raw	Entry Point	Distribution
Chlorine Residual (mg/L)			0.65 mg/L
Turbidity (NTU)			
Coliform Bacteria			
Other (specify below)			

V. Issue Descriptions and Corrective Actions (Use page 7 to report additional issues)

*No issues were found during the assessment: ☐

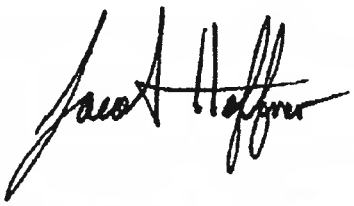
Issue Description (list section letter and #)	Corrective Action
D. 5. At the time of inspection, no flushing program had been assembled or implemented. In accordance with the provisions found in Act 292 of the 2018 Regular Session, the Tangipahoa Parish Water District water system is here-by notified that the water system implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains.	

VI. Verification

I hereby certify that the information contained herein is true and correct to the best of my knowledge, information and belief.

Lead Assessor's Name (print): Jacob S. Haffner, District II Engineer

Lead Assessor's Name Signature: **Date:**



1/28/2019

Note - The form must be completed within 30 days of a public water system triggering a Level 2 Assessment.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7011 3500 0001 8744 1512 : RETURN RECEIPT REQUESTED

May 30, 2019

W E Edrington, III
FSWC - HAMMOND HEIGHTS
P O Box 66396
Baton Rouge, LA 70896

Re: Class I Sanitary Survey
FSWC - HAMMOND HEIGHTS Public Water System
PWS ID LA1105010
TANGIPAHOA Parish

Dear Mr. Edrington, III:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 3, 2019 sanitary survey inspection of the public water supply system for FSWC - HAMMOND HEIGHTS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
David Boggs	LDH Engineering Region 3
David Dugas	Representative

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
HD004 - HYDRO COCKERHAM	Finished Water Storage	Title 51, Part XII, Chapter 2, Subchapter C. 229. A. The Blackcat well site did not have a hydropneumatic tank. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
1105010-004 - RIDGEL RD WELL	Source	Title 51, Part XII, Chapter 3, 327. A. 15. The well sample tap was threaded. **See Attachment #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	Title 51, Part XII, Chapter 2, Subchapter C. 225. I. The ground storage tank overflow is connected directly to a storm drain. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
TP001 - TISDALE WELL TP (SERVES TISDALE 1 & 2)	Treatment	Title 51, Part XII, Chapter 2, Subchapter A, 209. D. 2. d. The orthophosphate chemical feed pump was not equipped with a calibration column for measuring the quantities of chemicals used.
FACILITY	CATEGORY	FINDINGS
TP001 - TISDALE WELL TP (SERVES TISDALE 1 & 2)	Treatment	Title 51, Part XII, Chapter 2, Subchapter A. 203. I. 4. The tank must have a means to determine the volume of liquid retained in the storage tank and there was no spill containment for the orthophosphate storage tank. **See Attachment #7 and #6**
FACILITY	CATEGORY	FINDINGS
TP001 - TISDALE WELL TP (SERVES TISDALE 1 & 2)	Treatment	Title 51, Part XII, Chapter 2, Subchapter A. 203. K. e. The orthophosphate tank was not properly labeled.
FACILITY	CATEGORY	FINDINGS
1105010-004 - RIDGEL RD	Source	Title 51, Part XII, Chapter 1,

WELL		Subchapter C, 169. H. 3. a. iv. The pressure gauge is broken. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1105010-005 - COCKERHAM WELL	Source	Title 51, Part XII, Chapter 1, Subchapter C, 169. H. 3. a. iv. The cockeham well site did not have a pressure gauge.
FACILITY	CATEGORY	FINDINGS
1105010-008 - NEW TISDALE WELL #5	Source	Title 51, Part XII, Chapter 1, Subchapter C, 169. H. 3. a. iv. The flowmeter readouts are inoperable at the Tisdale Well Site, the Ridgel Well Site and the Cockeham Well Site. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1105025-002 - BLACKCAT WELL #2	Source	Title 51,Part XII, Chapter 3. 327. A. 12. The well vent did not have a screen.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - TISDALE WELL TP (SERVES TISDALE 1 & 2)	Treatment	Title 51, Part XII, Chapter 2, Subchapter A, C. A bottle of concentrated ammonium Hydroxide was not available for chlorine leak detection at the Tisdale Well Site, the Ridgel Well Site, The Cockeham Well Site and the Blackcat Well Site.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Teche Region III
Attn: David Boggs,
1434 Tiger Drive
Thibodaux, Louisiana 70301

The following compliance history is provided your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
30	04/22/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	04/01/2019 - 04/30/2019
28	06/18/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2018 - 06/30/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-449-5007 ext. 345.

Respectfully,

David Boggs,
Engineer Intern
OPH – Region 3

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: RIDGEL RD WELL

Category: Source

Attachment Comments: The pressure gauge is broken.



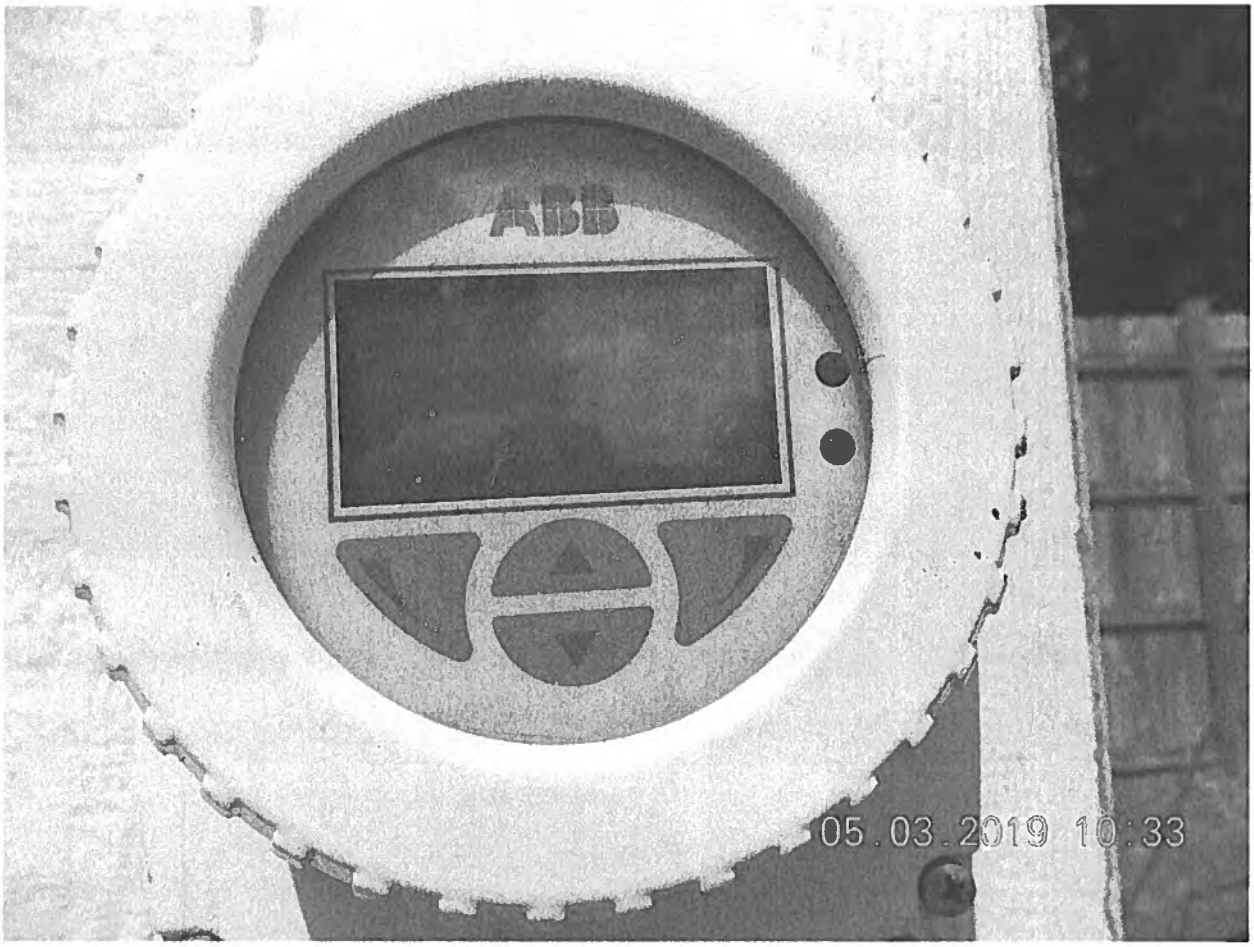
Attachment #2

Severity: Significant

Facility ID: RIDGEL RD WELL

Category: Source

Attachment Comments: The well sample tap is threaded.



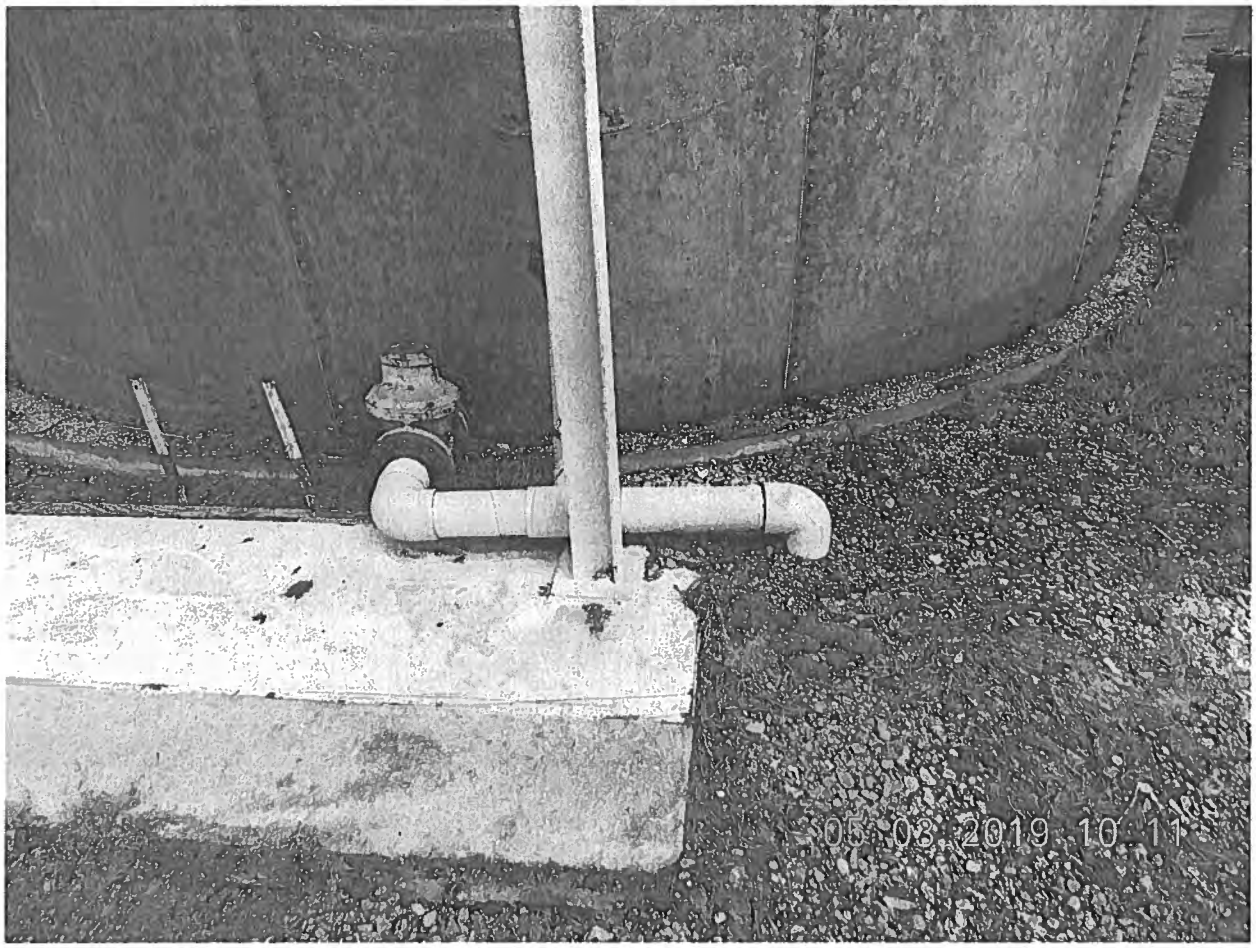
Attachment #3

Severity: Minor

Facility ID: NEW TISDALE WELL #5

Category: Source

Attachment Comments: The flowmeter readout is inoperable.



Attachment #4

Severity: Minor

Facility ID: GROUND

Category: Finished Water Storage

Attachment Comments: The ground storage tank overflow is connected directly to a storm drain.



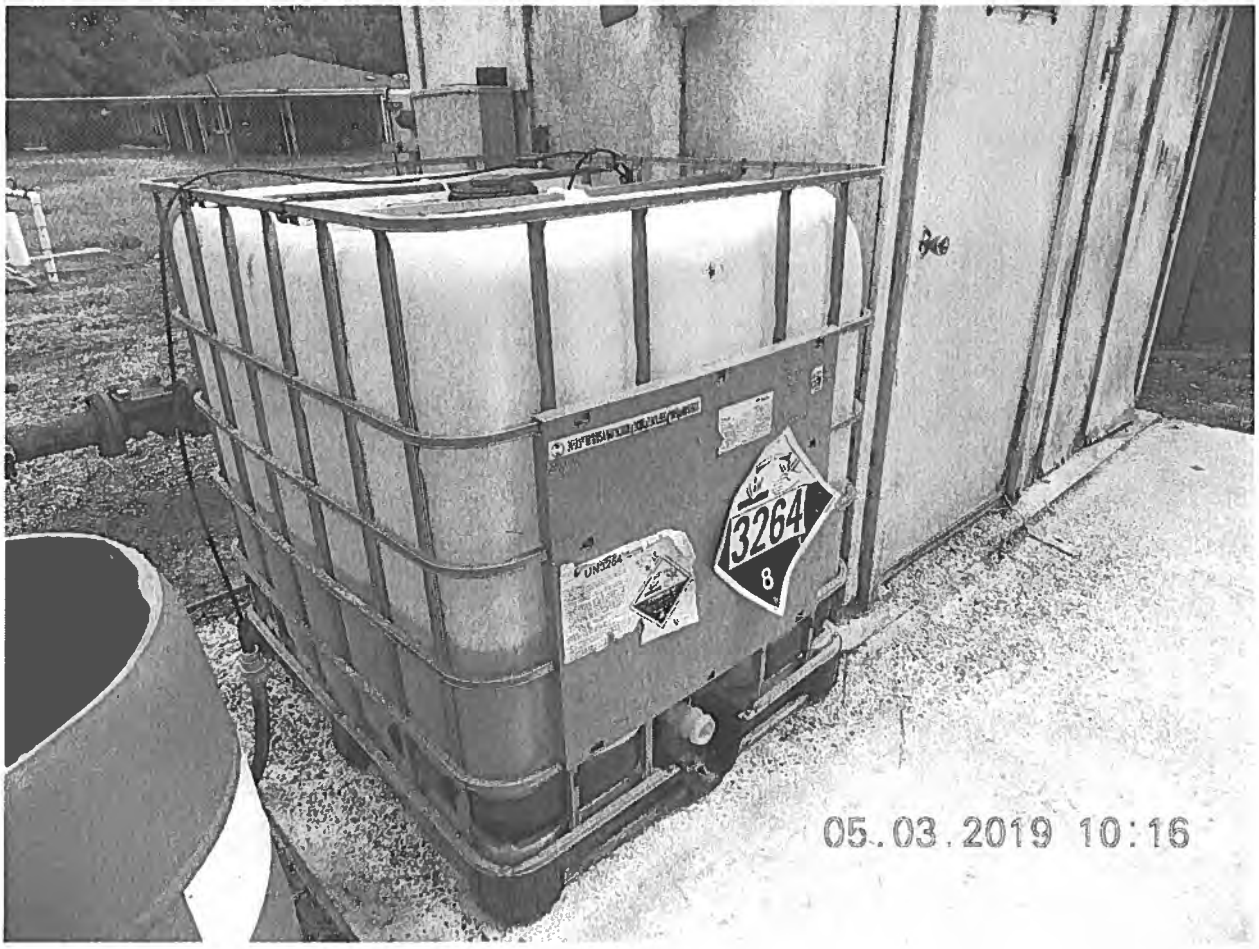
Attachment #5

Severity: Significant

Facility ID: HYDRO COCKERHAM

Category: Finished Water Storage

Attachment Comments: The Blackcat well site does not have a hydropneumatic tank.



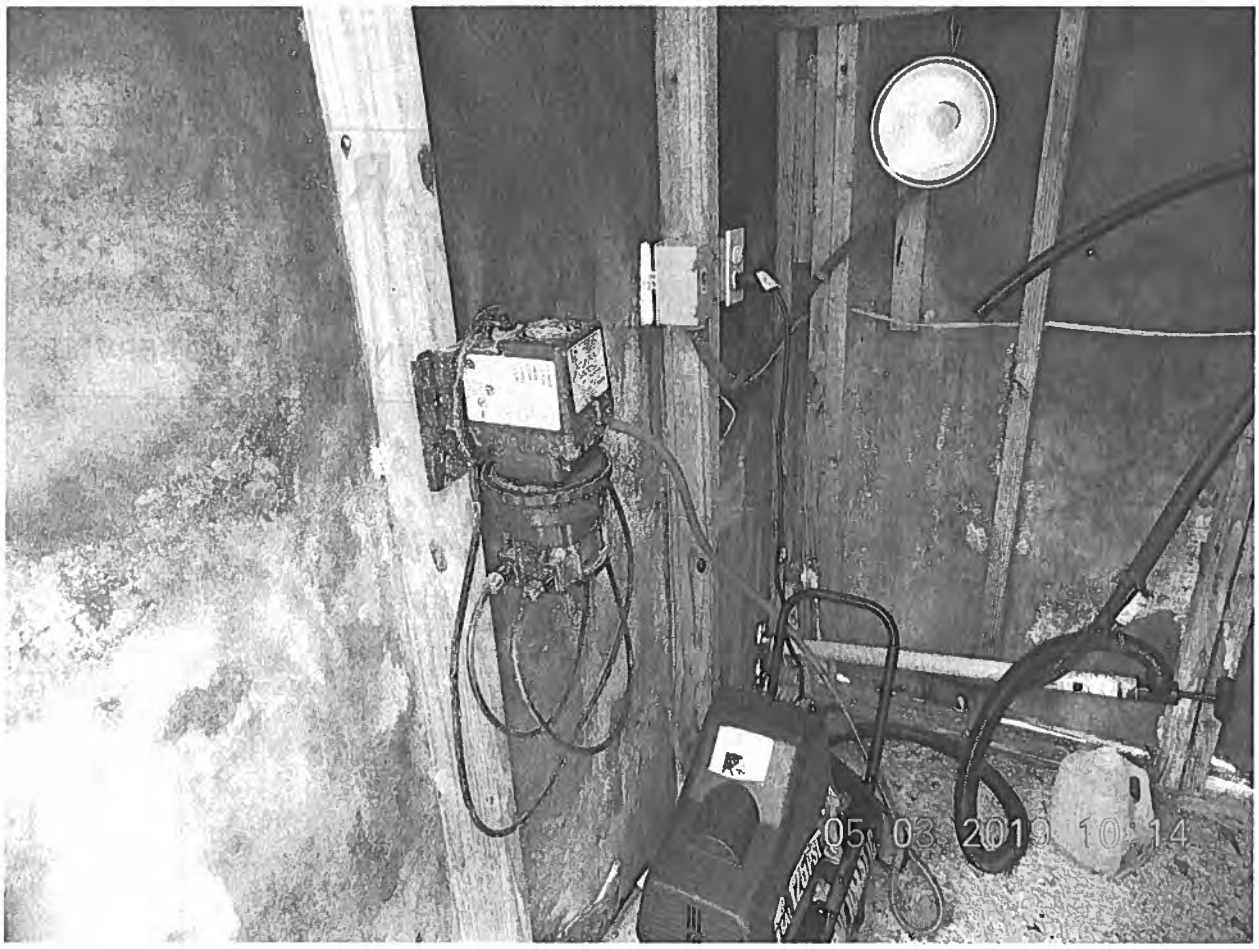
Attachment #6

Severity: Minor

Facility ID: TISDALE WELL TP (SERVES TISDALE 1 & 2)

Category: Treatment

Attachment Comments: The orthophosphate storage tank must have a means to measure the volume of liquid retained in the tank and spill containment for accidental spills or overflows.



Attachment #7

Severity: Minor

Facility ID: TISDALE WELL TP (SERVES TISDALE 1 & 2)

Category: Treatment

Attachment Comments: The chemical feed pump is not equipped with a calibration column.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7015 3010 0000 4003 8772

February 4, 2019

Dave Opdenhoff
PONCHATOULA WATER SYSTEM
125 West Hickory Street
Ponchatoula, LA 70454

Re: Class I Sanitary Survey
PONCHATOULA WATER SYSTEM Public Water System
PWS ID LA1105019
TANGIPAHOA Parish

Dear Mr. Opdenhoff:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 29, 2019 sanitary survey inspection of the public water supply system for PONCHATOULA WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Blake Fogleman	LDH-OPH Region II Engineer
Jie Gu	LDH-OPH Region IX Engineer
Jacob Haffner	LDH-OPH District II Engineer
Dave Opdenhoff	City Of Ponchatoula
John Williams	LDH-OPH Deputy Chief Engineer

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing,

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	After reviewing the records of the system, it did not appear that the water system had fully implemented a cross connection control program.
FACILITY	CATEGORY	FINDINGS
1105019-003 - KIWANIS PARK WELL,PONCHATOULA	Source	This well meets the definition of an abandoned well. As such the well must be properly abandoned and plugged in accordance with LAC 56, Part I, Water Wells.

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Sampling site at TCR016 was threaded-type at the time of inspection. The water supply must provide smooth nozzle taps for all RTCR monitoring sites. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1105019-002 - TOWER ROAD WELL	Source	Per LAC 51:XII.327.A.12., the openings of the vent pipes shall face downward and shall be screened to prevent the entrance of foreign matters. However, at the time of inspection, the well vent screen was missing. A 24 mesh, corrosion resistant screen shall be installed. **See Attachment #2**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - MAIN. BARN WELL SITE TP	Treatment	Scales for weighing chlorine cylinders were not provided at the time of inspection.
FACILITY	CATEGORY	FINDINGS
TP002 - TOWER ROAD WELL	Treatment	Scales for weighing chlorine cylinders were not provided at the time of inspection.
FACILITY	CATEGORY	FINDINGS
TP004 - WAL MART STORAGE TP	Treatment	Scales for weighing chlorine cylinders were not provided at the time of inspection.

Residential customers are not metered. We strongly recommend all water utilities meter all customers in order to fairly charge customers for this valuable natural resource and to manage water consumption effectively. A simple analysis of the utility's water demand was performed. Based on production data provided by the utility, the residential water demand for Ponchatoula is estimated to range from 223 – 244 gallons per capita per day (gpcd). Compare this to an estimated public water use in Louisiana of 190 gpcd for 2010, reported in the DOTD Water Resources Special Report No. 17 (Revised). Additionally, please consider that rural communities that use water primarily for residential purposes can be as low as 100 gpcd. Ponchatoula's water demand of 223 – 244 gpcd appears to be considerably higher than what is expected for a rural, primarily residential community, and is higher than the 2010 estimated demand for Louisiana as a whole. Metering customers is important to utilities for several reason: 1. It makes it possible to charge customers in proportion to the amount of water they use. 2. It allows the utility to demonstrate accountability. 3. It encourages customers to conserve water (especially as compared to flat rates). 4. It aids in the detection of leaks and waterline breaks in the distribution system. Metering all customers, residential as well as commercial, has the potential to significantly reduce water use by various means, as well as water production costs.

The utility does not perform routine pumping tests on its wells. LDH strongly recommends that pumping tests be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Routinely performing pumping tests after the well is placed into operation will provide data that can be used to assess the performance of the well, and make informed decisions on scheduling preventative maintenance and repairing or replacing any deficiencies.

Water quality complaints (color, odor, and taste), line breaks, billing issues, etc. are all phoned into a centralized receiving center from which "work orders" are recorded and pushed out to staff for action. The current system does not provide a means of filtering and easily extracting water quality complaints from other work orders, thereby making their review and analysis (type and location of complaints, commonalities, trends, etc.) very difficult. LDH strongly recommends that a complaint reporting system be utilized that allows for the easy retrieval and spatial (i.e., GIS) review of water quality complaints by common tags or identifiers (dirty water, odor, taste, color, pressure, line break, etc.). Having this ability is considered essential for a utility to effectively evaluate its distribution system.

TMB 451 "miscellaneous phosphate" is stored in a bulk tank located outdoors, in direct sunlight. TMB 451 is a blended phosphate containing both orthophosphate and polyphosphate. Heat speeds the reversion rate of polyphosphate to orthophosphate, resulting in a loss of sequestering power but not corrosion control. Product degradation and a loss of sequestering performance may be an issue depending

on temperature and chemical detention time, particularly in the summer. It is strongly recommended that polyphosphates be stored in a cool, dry area.

The water storage tanks do not have scheduled routine inspection. LDH strongly recommends that all water storage tanks be inspected every 3 to 5 years.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1808628-002	Routine	8/1/2018		0.740	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,

Eric Brown,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



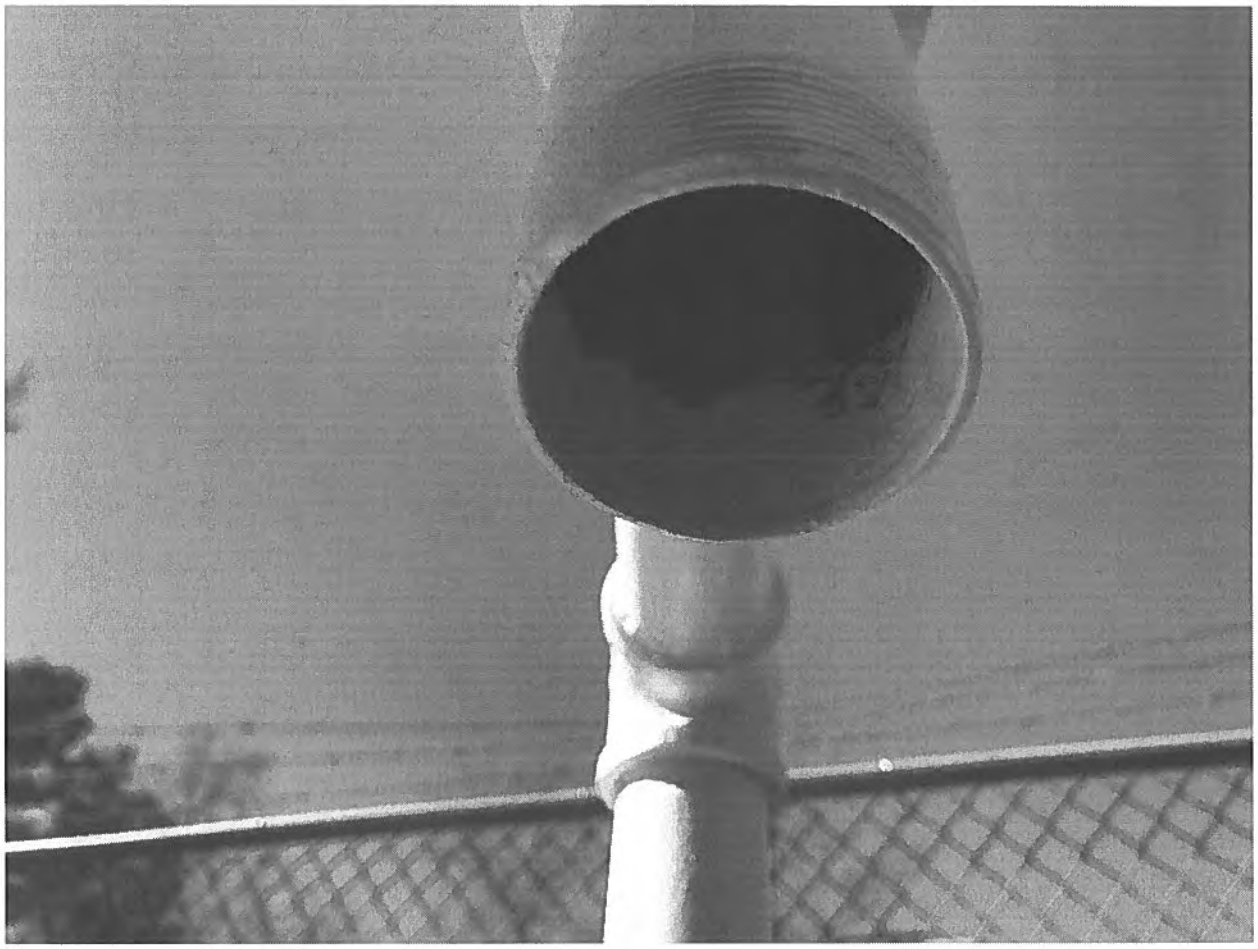
Attachment #1

Severity: Minor

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Sampling site at TCR016 was threaded-type at the time of inspection. The water supply must provide smooth nozzle taps for all RTCR monitoring sites.



Attachment #2

Severity: Minor

Facility ID: TOWER ROAD WELL

Category: Source

Attachment Comments: This well vent does not have a screen. A 24 mesh, corrosion resistant screen shall be installed.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 70171000000031758631

April 15, 2019

Wanda "Yodie" Mccoy
ROSELAND WATER SYSTEM
P. O. Box 302
Roseland, LA 70456

Re: Class I Sanitary Survey
ROSELAND WATER SYSTEM Public Water System
PWS ID LA1105022
TANGIPAHOA Parish

Dear McCoy:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 13, 2019 sanitary survey inspection of the public water supply system for ROSELAND WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
George Bickford	Roseland

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/11/2014	12/11/2014	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM

Comments: LAC 51:XII.345.A - There shall be no cross-connection, auxiliary intake, bypass, inter-connection or other arrangement, including overhead leakage, whereby water from a source that does not comply with these regulations may be discharged or drawn into any potable water supply which does not comply with these requirements. The use of valves, including check or back pressure valves, is not considered protection against return flow, or back-siphonage, or for the prevention of flow of water from an unapproved source into an approved system. At the time of the survey a cross connection control plan was not available. Have a cross connection control plan prepared and submitted to DHH.

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/11/2014	12/11/2014	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM

Comments: LAC 51:XII.344 - Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements prescribed in LAC 51:XIV.609.F or as otherwise directed by the state health officer. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods in accordance with LAC 51:XIV609.F.9. Provide a list of all of the customers contacted as a result of the cross connection control survey and a copy of a letter sent to the customers.

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/11/2014	12/11/2014	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM

Comments: Louisiana Revised Statute 40:4.12.b.1.c.iii requires that a formal cross connection control survey be performed by a "qualified individual". This office recommends that the formal cross connection control survey be conducted by an individual/entity formally trained in cross connection identification and control measures. Have a survey performed by a qualified individual identifying customers requiring backflow prevention devices and submit results to DHH.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	40 CFR 141.403 and LAC 51:XII.344 - Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods. During the inspection it is noted that a formal cross- connection control program is not provided. A cross-connection program shall be provided in order to provide protection between the water system and the customers. A cross connection control program begins with an ordinance or bylaws providing the water system with the authority to implement the program and to enforce penalties for infractions. An inventory shall be created of all water customers that have practices with potential sources of contamination. The customer is responsible for installing and testing the backflow preventer, which should be located downstream of the water meter. The type of assembly or device required depends on the degree of hazard the customer poses to the water supply and the testing shall be done annually by a "qualified individual." Have a cross connection program prepared and submitted to LDH along with a list of customers and a copy of a letter sent out to contacted customers.
FACILITY	CATEGORY	FINDINGS
1105022-002 - TOWN HALL WELL	Source	40 CFR 141.403 and LAC 51:XII.331.A Abandoned water wells and well holes shall be plugged in accordance with the Louisiana Water Well Rules, Regulations, and Standards. During the inspection it is noted that the Town Hall well is not abandoned in accordance with the Louisiana Administrative Code, Title 56. All wells shall be properly plugged and abandoned. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1105022-003 - ROCH ROAD WELL	Source	There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. During the inspection it is noted a 24 mesh screen is not provided on the well vent at Roch Road well #3. All potable water well vents shall have a 24 mesh screen to prevent a pathway for contamination. **See Attachment #2**

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

Although a permit was granted for the construction and modification of the Roseland Water well, the Engineer or our R9 office shall be notified of the initial and completion date of such construction or modifications.

LDH recommends that all operators know the proper dose calculations for each well site. The operator is to calculate chemical dosages based on the chemical feed rate and the treated water rate. This is critical knowledge that will help to ensure that all chemical additives are dosed at levels below their respective NSF 60 or UL maximum usage level. The Pounds Formula is one way to help you figure out the dosing.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

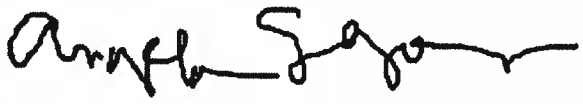
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9009533	09/18/2018	FAILURE ADDRESS DEFICIENCY (GWR)	

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

Respectfully,



Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: TOWN HALL WELL

Category: Source

Attachment Comments: Town Hall well is not properly plugged and abandoned.



Attachment #2

Severity: Significant

Facility ID: ROCH ROAD WELL

Category: Source

Attachment Comments: Roch Road Well #3 is not provided with a 24 mesh screen.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7015 3010 0000 4003 3586

June 3, 2019

Anthony "Tony" Lamonte
TICKFAW WATER SYSTEM
P O Box 249
Tickfaw, LA 70466

Re: Class I Sanitary Survey
TICKFAW WATER SYSTEM Public Water System
PWS ID LA1105027
TANGIPAHOA Parish

Dear Mr. Lamonte:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 21, 2019 sanitary survey inspection of the public water supply system for TICKFAW WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH OPH Region IX Engineering
Ronald Carter	Village Of Tickfaw
Corey Harris	LDH OPH Region IX Engineering

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, the chlorine residual at POE-008 was not monitored and recorded. Per LAC 51:XII.367.A, chlorine residuals must be monitored daily at the water production (POE) site and a critical point (MRT)--the furthest location in the water system.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

It was noted there were no scales provided for gaseous chlorine cylinders on the well No.2 and No.3 site. Weighing scales are recommended to be provided for weighing cylinders at all plants utilizing chlorine gas. It was also noted the blow-off at the well No.3 was open to the air. It is recommended to have it capped to prevent potential contamination of the wellhead. The system started implementing cross connection control program on 1/29/2015; however, the plan was not available at the time of inspection. It is highly recommended that the system keep the important documentation on site.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9001006	03/25/2019	LEAD CONSUMER NOTICE (LCR)	01/01/2016 - 12/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7015 3010 0000 4003 7676

July 24, 2019

Lucy Belever
WESTVIEW WATER WORKS
P.O. Box 244
Amite, LA 70422

Re: Class I Sanitary Survey
WESTVIEW WATER WORKS Public Water System
PWS ID LA1105028
TANGIPAHOA Parish

Dear Ms. Belever:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 9, 2019 sanitary survey inspection of the public water supply system for WESTVIEW WATER WORKS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH-OPH Region IX Engineer
George Bickford	Operator

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/29/2016	10/04/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED STORAGE
Comments: All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. The overflow for an elevated tank shall open downward and be screened with a four mesh, non-corrodible screen. The screen shall be installed within the overflow pipe at a location least susceptible to damage by vandalism. If a flapper is used, a screen shall be provided inside the valve.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	There was no written cross connection control plan at the time of the inspection. Per LAC 51: XII.344, each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP002 - OLD WELL (WELL NO. 1)	Treatment	There was no working fan in the chlorine room at the time of the inspection. Per LAC 51: XII.209.A.3, if chorine gas feed and storage is enclosed, the chlorine gas shall be separated from other operating areas. Both the feed and storage rooms shall be equipped with a ventilating fan with a capacity to complete one air change per minute when the room is occupied. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1105028-002 - OLD WELL @ WESTVIEW (WELL NO. 1)	Source	There was no flow meter on the well discharge pipe at the time of the inspection. Per LAC 51:XII.169.H.3.iv, the discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action. Required by Law

1. In accordance with the provisions found in ACT No. 292, PWS shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that PWS has implemented with respect to the matters detailed in the complaint. PWS shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.
2. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that PWS is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Well pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

2. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

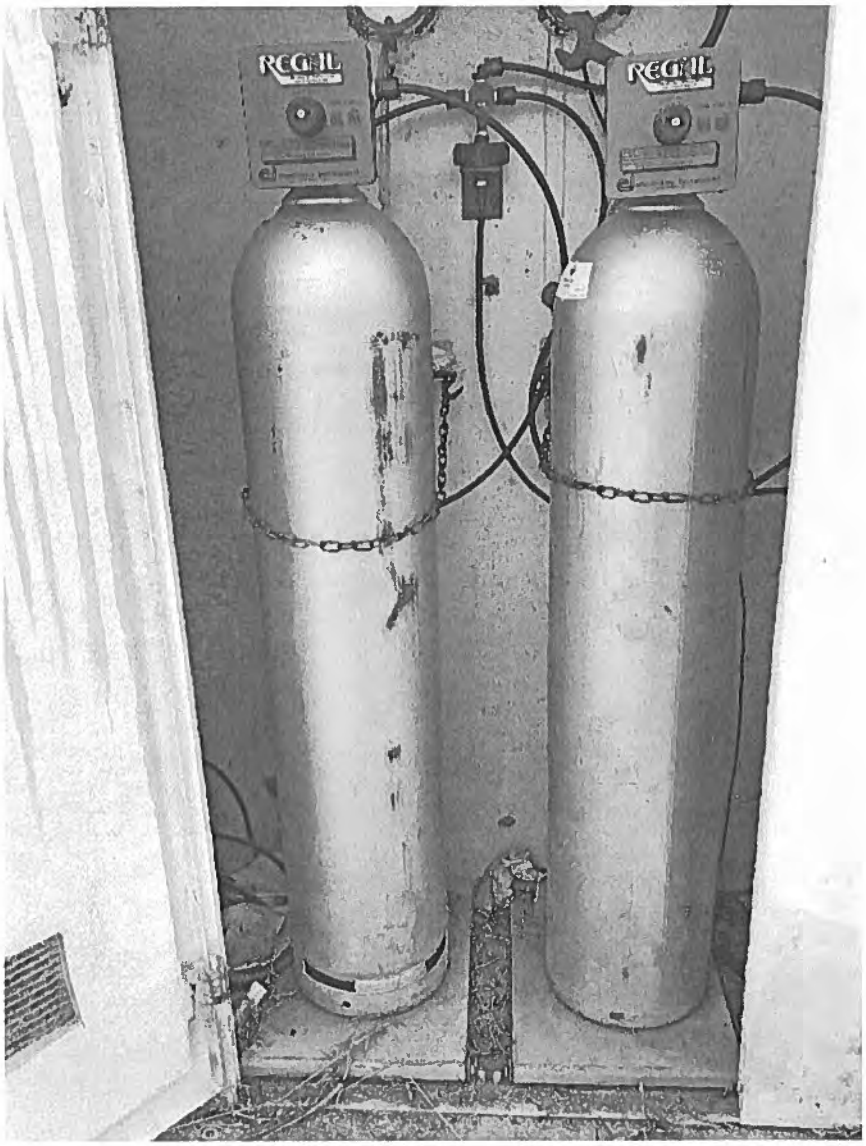
Respectfully,

Jie Gu

Jie Gu, P.E.
Region Ix

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: OLD WELL (WELL NO. 1)

Category: Treatment

Attachment Comments: There was no working fan in the chlorine room at the time of the inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

April 4, 2019

Owen Faust
TANGI MOBILE HOME PARK
17407 Faust Lane
Independence, LA 70443

Re: Class I Sanitary Survey
TANGI MOBILE HOME PARK Public Water System
PWS ID LA1105042
TANGIPAHOA Parish

Dear Faust:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 14, 2019 sanitary survey inspection of the public water supply system for TANGI MOBILE HOME PARK (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
David Boggs	LDH OPH EHS Engineering Services Region 3
Kevin Rogers	Representative

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/11 /2014	12/11/ 2014	Sanitary Survey, Finished	Minor	Source	1105042-001-DONS MHP WEST WELL
Comments: The discharge piping should be valved to permit test pumping and control of each well.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/11 /2014	12/11/ 2014	Sanitary Survey, Finished	Minor	Treatment	TP001-TANGI MHP WEST WELL
Comments: Solution tanks should be located and protective curbing provided so that chemicals from equipment failure, spillage or accidental drainage should not enter the water in conduits, treatment or storage basins.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TANGI MHP WEST WELL	Treatment	Title 51, Part XII, Chapter 2, Subchapter A, 203. I. 4. a. Liquid chemical storage tanks shall have a means to readily determine the volume of liquid retained in the storage tank. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Teche Region III
Attn: David Boggs,
1434 Tiger Drive
Thibodaux, Louisiana 70301

The following compliance history is provided your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

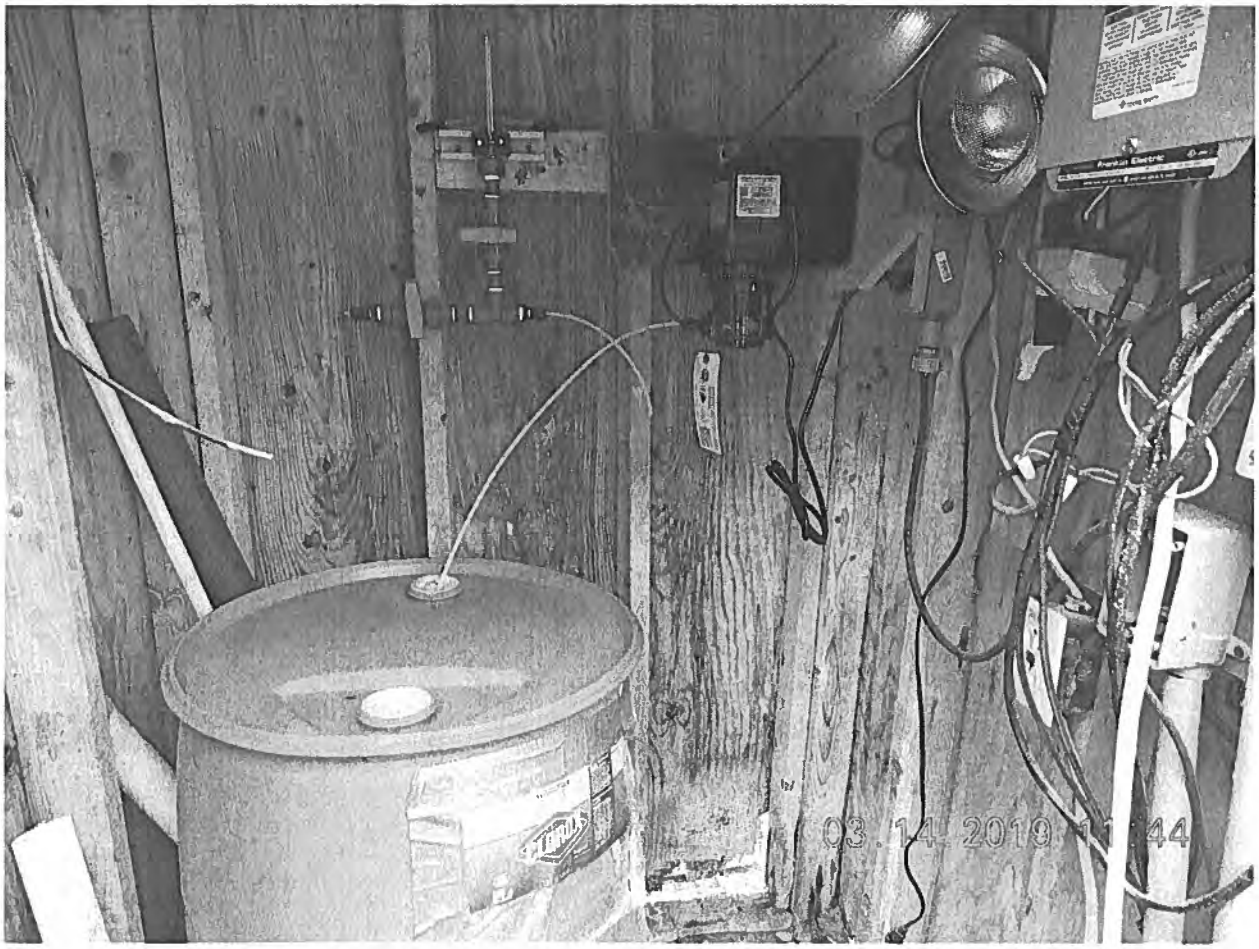
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-449-5007 ext. 345.

Respectfully,

David Boggs,
Engineer Intern
OPH – Region 3

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: TANGI MHP WEST WELL

Category: Treatment

Attachment Comments: The Sodium Hypochlorite tank must have a scale on the side of the tank to measure the daily chemical usage.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

April 1, 2019

Owen Faust
ST CHARLES MOBILE HOME PARK
17407 Faust Lane
Independence, LA 70443

Re: Class I Sanitary Survey
ST CHARLES MOBILE HOME PARK Public Water System
PWS ID LA1105067
TANGIPAHOA Parish

Dear Faust:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 14, 2019 sanitary survey inspection of the public water supply system for ST CHARLES MOBILE HOME PARK (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
David Boggs	LDH OPH EHS Engineering Services Region 3
Kevin Rogers	Representative

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/29 /2017	07/26/ 2017	Sanitary Survey, Finished	Minor	Treatment	TP001-TP AT WELL #1
Comments: Solution tanks shall be located and protective curbings provided so that chemicals from equipment failure, spillage or accidental drainage shall not enter the water in conduits, treatment or storage basins. At the time of the site visit the sodium hypochlorite container did not have secondary containment should there be a leak or spillage. Secondary containment shall be provided to ensure the integrity of the water source.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/29 /2017	07/26/ 2017	Sanitary Survey, Finished	Minor	Treatment	TP002-TP AT WELL #2
Comments: Solution tanks shall be located and protective curbings provided so that chemicals from equipment failure, spillage or accidental drainage shall not enter the water in conduits, treatment or storage basins. At the time of the site visit the sodium hypochlorite container did not have secondary containment should there be a leak or spillage. Secondary containment shall be provided to ensure the integrity of the water source.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP002 - TP AT WELL #2	Treatment	Title 51, Part XII, Chapter 2, Subchapter A, 203. I. 4. a. Liquid chemical storage tanks shall have a means to readily determine the volume of liquid retained in the storage tank. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
TP002 - TP AT WELL #2	Treatment	Title 51, Part XII, Chapter 2, Subchapter A. 203. K. 3. d. Tanks and tank refilling line entry points shall be clearly labeled with the name of the chemical contained. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
TP002 - TP AT WELL #2	Treatment	Title 51, Part XII, Chapter 2, Subchapter A. 209. D. 2. d. Calibration tubes or mass flow monitors which allow for direct physical checking of actual feed rates shall be provided. **See Attachment #2**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Teche Region III
Attn: David Boggs,
1434 Tiger Drive
Thibodaux, Louisiana 70301

The following compliance history is provided your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-449-5007 ext. 345.

Respectfully,

David Boggs,
Engineer Intern
OPH – Region 3

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



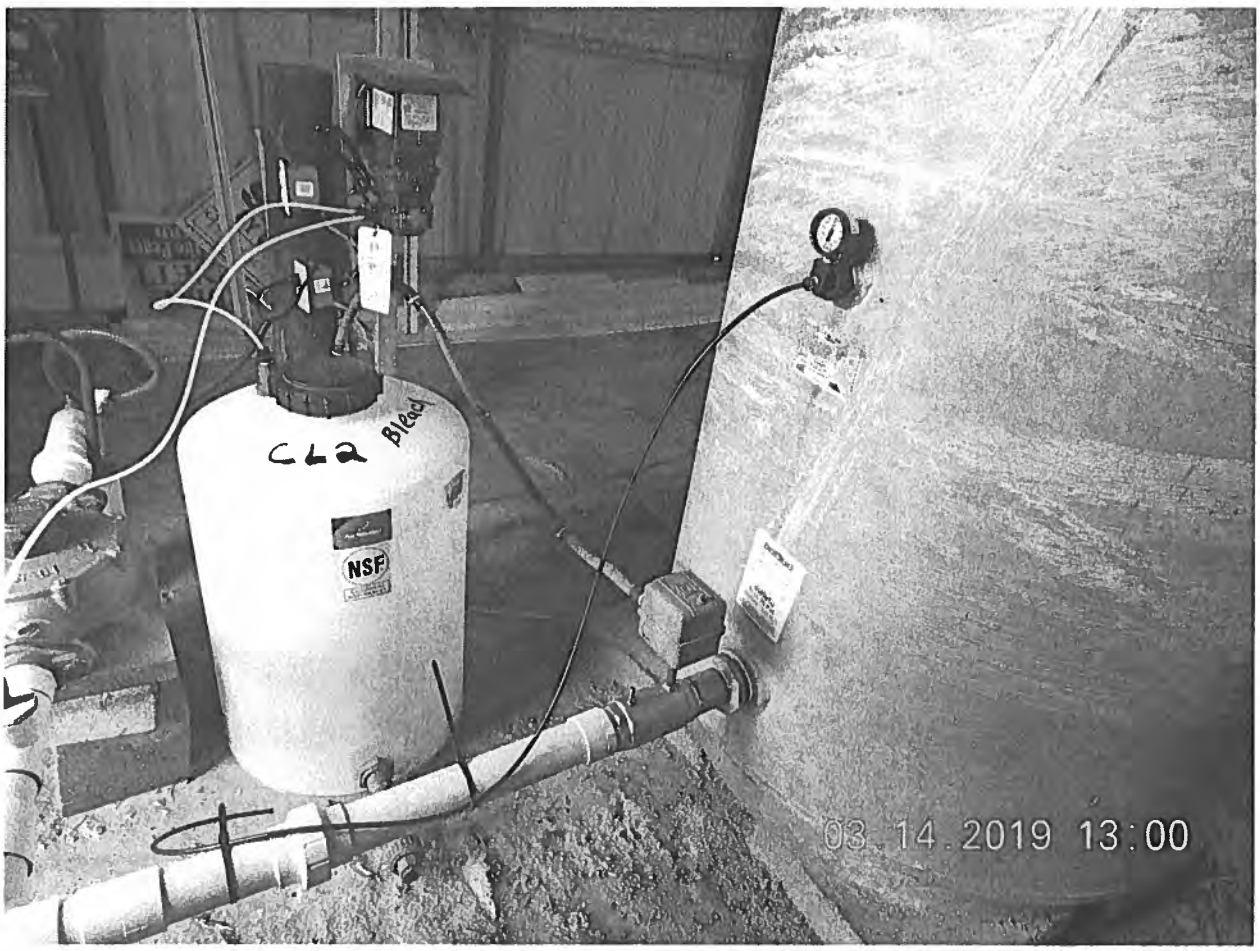
Attachment #1

Severity: Minor

Facility ID: TP AT WELL #2

Category: Treatment

Attachment Comments: The Sodium Hypochlorite tank needs to be clearly labeled.



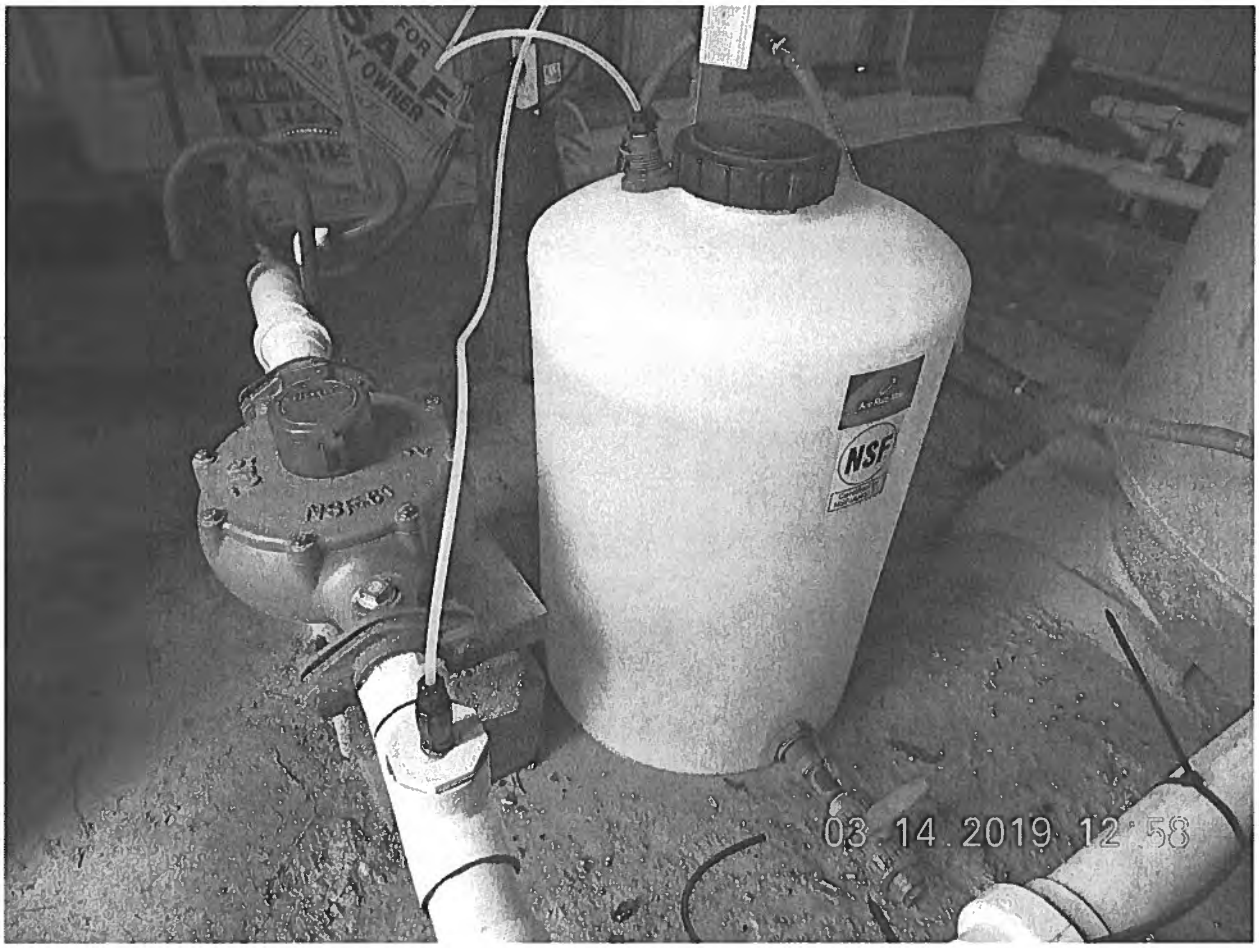
Attachment #2

Severity: Minor

Facility ID: TP AT WELL #2

Category: Treatment

Attachment Comments: The Sodium Hypochlorite chemical feed pump needs to have a calibration column to allow for the physical checking of chemical feed rates.



Attachment #3

Severity: Minor

Facility ID: TP AT WELL #2

Category: Treatment

Attachment Comments: The Sodium Hypochlorite tank must have a scale on the side of the tank to measure the daily chemical usage.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

April 11, 2019

Randall Williams
WOODSIDE MHP
21099 Highway 1061
Amite, LA 70422

Re: Class I Sanitary Survey
WOODSIDE MHP Public Water System
PWS ID LA1105090
TANGIPAHOA Parish

Dear Williams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 27, 2019 sanitary survey inspection of the public water supply system for WOODSIDE MHP (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
David Boggs	LDH OPH EHS
Rene Peytral	PRJ Contracting, Inc.

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/07/2014	12/03/2014	Sanitary Survey, Finished	Minor	Source	1105090-001-TAP @ HUDSPETH MHP WELL
Comments: The discharge piping should be valved to permit test pumping and control of each well.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/07/2014	12/03/2014	Sanitary Survey, Finished	Minor	Treatment	TP001-TP AT WELL
Comments: Solution tanks should be located and protective curbings provided so that chemicals from equipment failure, spillage or accidental drainage should not enter the water in conduits, treatment or storage basins.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/07/2014	12/03/2014	Sanitary Survey, Finished	Minor	Treatment	TP001-TP AT WELL
Comments: Where chlorination is required for protection of the supply, standby equipment of sufficient capacity should be available to replace the largest unit. Spare parts should be made available to replace parts subject to wear and breakage.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/07/2014	12/03/2014	Sanitary Survey, Finished	Minor	Treatment	TP001-TP AT WELL
Comments: Floor surfaces should be smooth and impervious, slip proof and well drained.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
10/12/2011	10/24/2011	Sanitary Survey, Finished	Minor	Source	1105090-001-TAP @ HUDSPETH MHP WELL
Comments: 11-7-2014 - A minimum of two sources of groundwater should be provided. Tassin					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	40 CFR 141.403 and LAC 51:XII.367.D - The records of the measurements and sampling required under Subsections A and B of this section shall be maintained on forms approved by the state health officer and shall be retained as prescribed in the National Primary Drinking Water Regulations, and shall be made available for review upon request by the state health officer. A review of the daily chlorine residual forms revealed that only the form for the MRT was available. The forms for the chlorine residuals at the POE and monthly additional chlorine residual sites were not available.
FACILITY	CATEGORY	FINDINGS
TP001 - TP AT WELL	Treatment	Title 51, Part XII, Chapter 2, Subchapter A. 203. K. 3. d. Tanks and tank refilling line entry points shall be clearly labeled with the name of the chemical contained. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
TP001 - TP AT WELL	Treatment	Title 51, Part XII, Chapter 2, Subchapter A. 209. D. 2.d. Calibration tubes or mass flow monitors which allow for direct physical checking of actual feed rates shall be provided. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to

this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Teche Region III
Attn: David Boggs,
1434 Tiger Drive
Thibodaux, Louisiana 70301

The following compliance history is provided your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1810219-001	Routine	9/11/2018		1.000	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
131	06/15/2018	LEAD CONSUMER NOTICE (LCR)	07/01/2017 - 12/31/2017

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-449-5007 ext. 345.

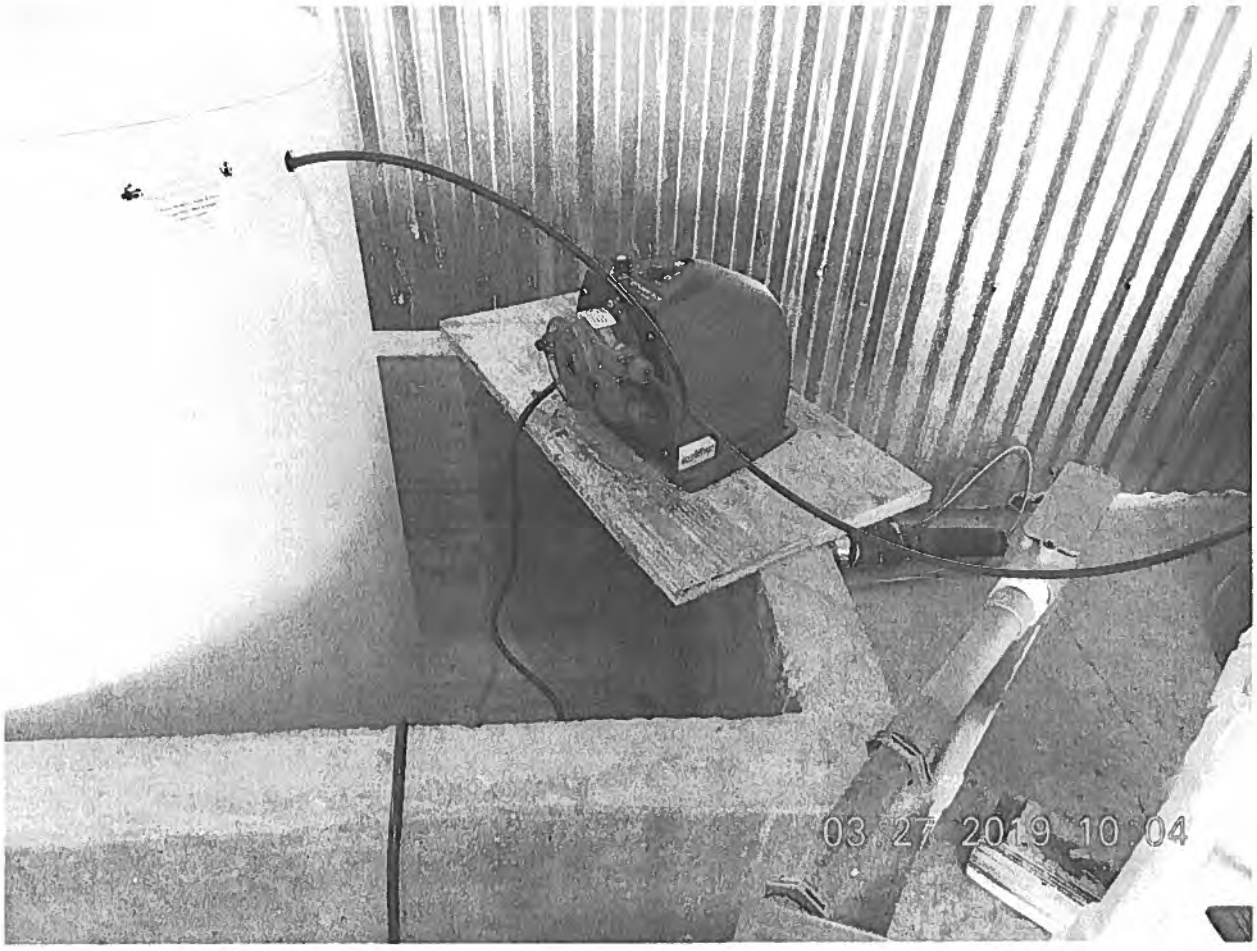
Respectfully,

David Boggs

David Boggs,
Engineer Intern
OPH – Region 3

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



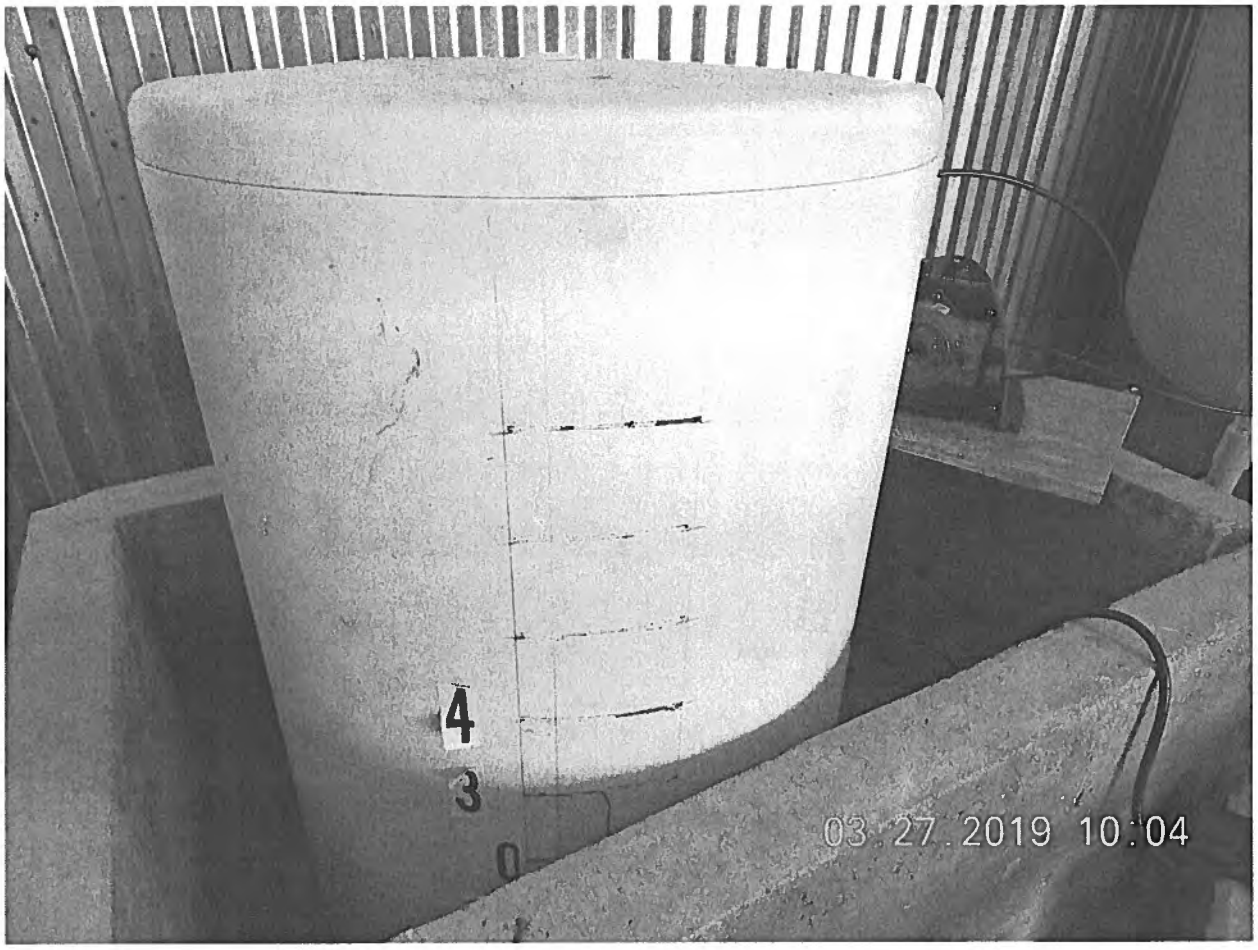
Attachment #1

Severity: Minor

Facility ID: TP AT WELL

Category: Treatment

Attachment Comments: The sodium hypochlorite chemical feed pump does not have a calibration column.



Attachment #2

Severity: Minor

Facility ID: TP AT WELL

Category: Treatment

Attachment Comments: The sodium hypochlorite tank is not labelled.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8358

April 4, 2019

W E Edrington, III
FSWC- BRADY PLACE
P O Box 66396
Baton Rouge, LA 70896

Re: Class I Sanitary Survey
FSWC- BRADY PLACE Public Water System
PWS ID LA1105091
TANGIPAHOA Parish

Dear Mr. Edrington, III:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 21, 2019 sanitary survey inspection of the public water supply system for FSWC- BRADY PLACE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
David Dugus	FSWC

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

There is a water meter installed downstream of the storage tank at the time of inspection. It is recommended that a flow meter be installed on the well discharge piping so that dosage calculation can be accurately performed and appropriate application of chemicals can be ensured.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 70190700000059891376

May 20, 2019

Stephanie Shoemaker
SANDERSON FARMS, INC
P.O. Box 988
Laurel, MS 39441

Re: Class I Sanitary Survey
SANDERSON FARMS, INC Public Water System
PWS ID LA2105004
TANGIPAHOA Parish

Dear Mrs. Shoemaker:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 24, 2019 sanitary survey inspection of the public water supply system for SANDERSON FARMS, INC (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
Howard Thornton	Sanderson Farms

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
2105004-001 - SANDERSON FARM WELL	Source	There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. During the inspection the well vent screen is in disrepair. The well vent screen shall be replaced to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
MANAGEMENT	M&R and Data Verification	LAC 51:XII.311.A - Complete daily records of the operation of a public water system, including reports of laboratory control tests, shall be kept and retained as prescribed in the National Primary Drinking Water Regulations on forms approved by the state health officer. When specifically requested by the state health officer or required by other requirements of this Part, copies of these records shall be provided to the office designated by the state health officer within 10 days following the end of each calendar month. Additionally, all such records shall be made available for review during inspections/sanitary surveys performed by the state health officer. During the inspection, records indicated that the water system did not record monthly chlorine residuals at the (ACR) additional chlorine residual. Chlorine residuals shall be maintained and recorded daily at the POE and MRT, and monthly at the ACR.
FACILITY	CATEGORY	FINDINGS
MANAGEMENT	M&R and Data Verification	LAC 51:XII.367.D - The records of the measurements and sampling required under Subsections A and B of this section shall be maintained on forms approved by the state health officer and shall be retained as prescribed in the National Primary Drinking Water Regulations, and shall be made available for review upon request by the state health officer.

		During the inspection it is noted that approved state forms are not being utilized to record the (ACR) additional chlorine residuals. These records shall be maintained on forms approved by the state health officer and shall be retained for a period of three years.
FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC	Finished Water Storage	Each tank shall have an access manhole, a drain, and control equipment consisting of a pressure gauge, water sight glass, automatic or manual air blow-off, means for adding air, and pressure operated start-stop controls for the pumps. Where practical the access manhole should be 24 inches in diameter. During the inspection the sight glass didn't appear to be working correctly and is a non-representative of the water level in the tank. The sight glass shall be repaired to allow monitoring of the tank's water level.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	The pipes carrying elemental liquid or dry gaseous chlorine under pressure must be Schedule 80 seamless steel tubing or other materials recommended by the Chlorine Institute (never use PVC). Rubber, PVC, polyethylene, or other materials recommended by the Chlorine Institute must be used for chlorine solution piping and fittings. Nylon products are not acceptable for any part of the chlorine solution piping system. During the inspection a leak is visible at the pump station's inlet and outlet pipes carrying the liquid chlorine. Repair or replace all piping if needed.
FACILITY	CATEGORY	FINDINGS
2105004-001 - SANDERSON FARM WELL	Source	Protection from physical damage shall be provided as required by the reviewing authority. During the inspection the outer casing and the above ground piping at the well showed signs of rust and corrosion. The rust shall be removed, and the outer casing and all well piping shall be painted to prevent further corrosion. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
2105004-001 - SANDERSON FARM WELL	Source	The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained. During the inspection the pressure gauge appeared to not be functioning properly. The discharge piping shall be equipped with a pressure gauge to monitor the positive pressure at the well. Repair or replace the pressure gauge if needed. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. The water storage tank does not have a scheduled routine inspection. LDH strongly recommends that all water storage tanks be inspected every 3 to 5 years.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

Respectfully,

Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: SANDERSON FARM WELL

Category: Source

Attachment Comments: The pressure gauge is not functioning.



Attachment #2

Severity: Significant

Facility ID: SANDERSON FARM WELL

Category: Source

Attachment Comments: A hole in the screen on the well vent is apparent.



Attachment #3

Severity: Minor

Facility ID: SANDERSON FARM WELL

Category: Source

Attachment Comments: The well casing and discharge piping show signs of rust and corrosion.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8334

April 1, 2019

Vijay Khurana
VJs CRANKY Corner
Folsom, LA 70437

Re: Class I Sanitary Survey
VJs CRANKY Corner Public Water System
PWS ID LA2105032
TANGIPAHOA Parish

Dear Khurana:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 19, 2019 sanitary survey inspection of the public water supply system for VJs CRANKY CORNER (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH OPH Region IX Engineering
Eric Brown	LDH OPH Region IX Engineering

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Operator Compliance with State Requirements	Per LAC 51: XII.309.A, all public water supplies shall be under the supervision and control of a duly certified operator as per requirements of the State Operator Certification Act, Act 538 of 1972, as amended. There was no certified operator associated with this water supply at the time of inspection. The water system shall retain a Certified Operator.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	The disinfectant tank was empty at the time of inspection. The system shall start to use disinfectant from an approved source to disinfect the system and maintain the required chlorine residual (0.5 mg/L) per LAC 51:XII.357.A.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, the chlorine residual at POE, MRT and ACR were not monitored and recorded on the state approved forms. Chlorine residuals must be monitored daily at the water production (POE) site and a critical point (MRT)--the furthest location in the water system. An addition chlorine residual check must be made monthly at the ACR site per LAC 51:XII.367.A.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	Per LAC 51: XII.209.D.b, sodium hypochlorite storage shall be located out of the sunlight in a cool area and shall be vented to the outside of the building when enclosed. However, the sodium hypochlorite tank was not stored out of the sunlight at the time of inspection. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	Per LAC 51:XII.203.I.4.b, Liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank. However, there was no receiving basin for the disinfectant tank at the time of inspection.

FACILITY	CATEGORY	FINDINGS
2105032-001 - PRIMARY WELL	Source	Per LAC 51:XII.327.A.12, the openings of the vent pipes shall face downward and shall be screened to prevent the entrance of foreign matters. However, at the time of inspection, the well vent screen was missing. A 24 mesh, corrosion resistant screen shall be installed. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
2105032-001 - PRIMARY WELL	Source	There was no flow meter on the well discharge pipe at the time of inspection. The well discharge piping shall be equipped with a means of measuring flow per LAC 51:XII.169.H.3.iv.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

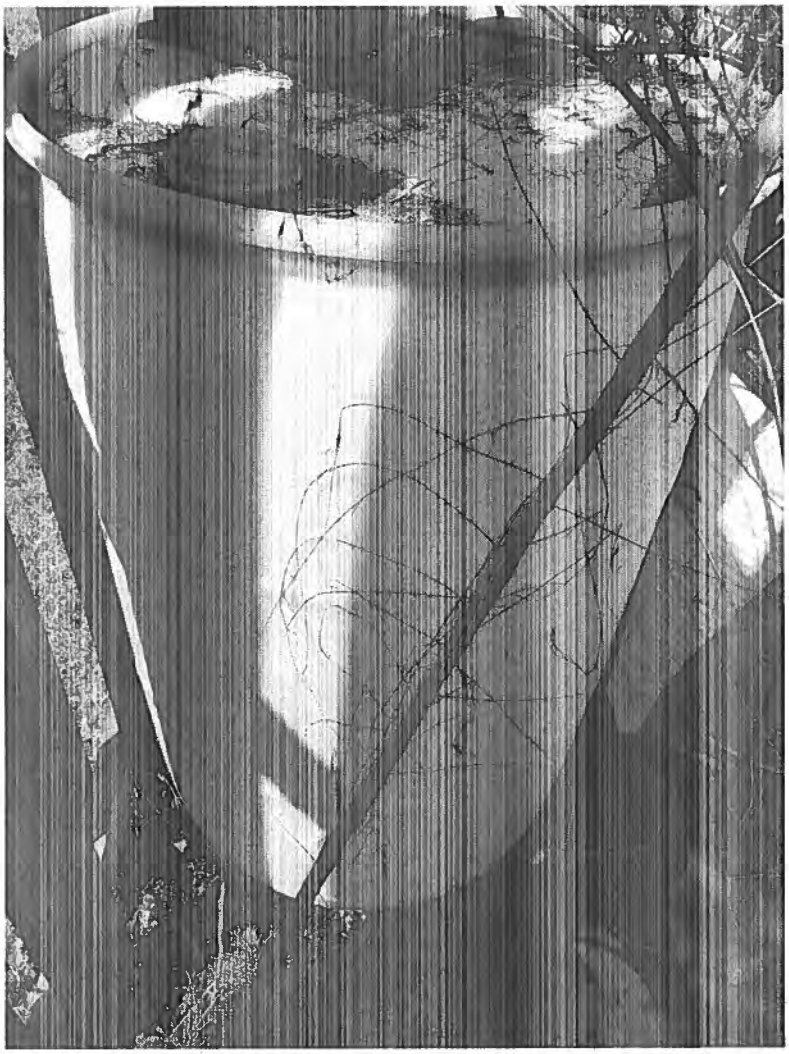
Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



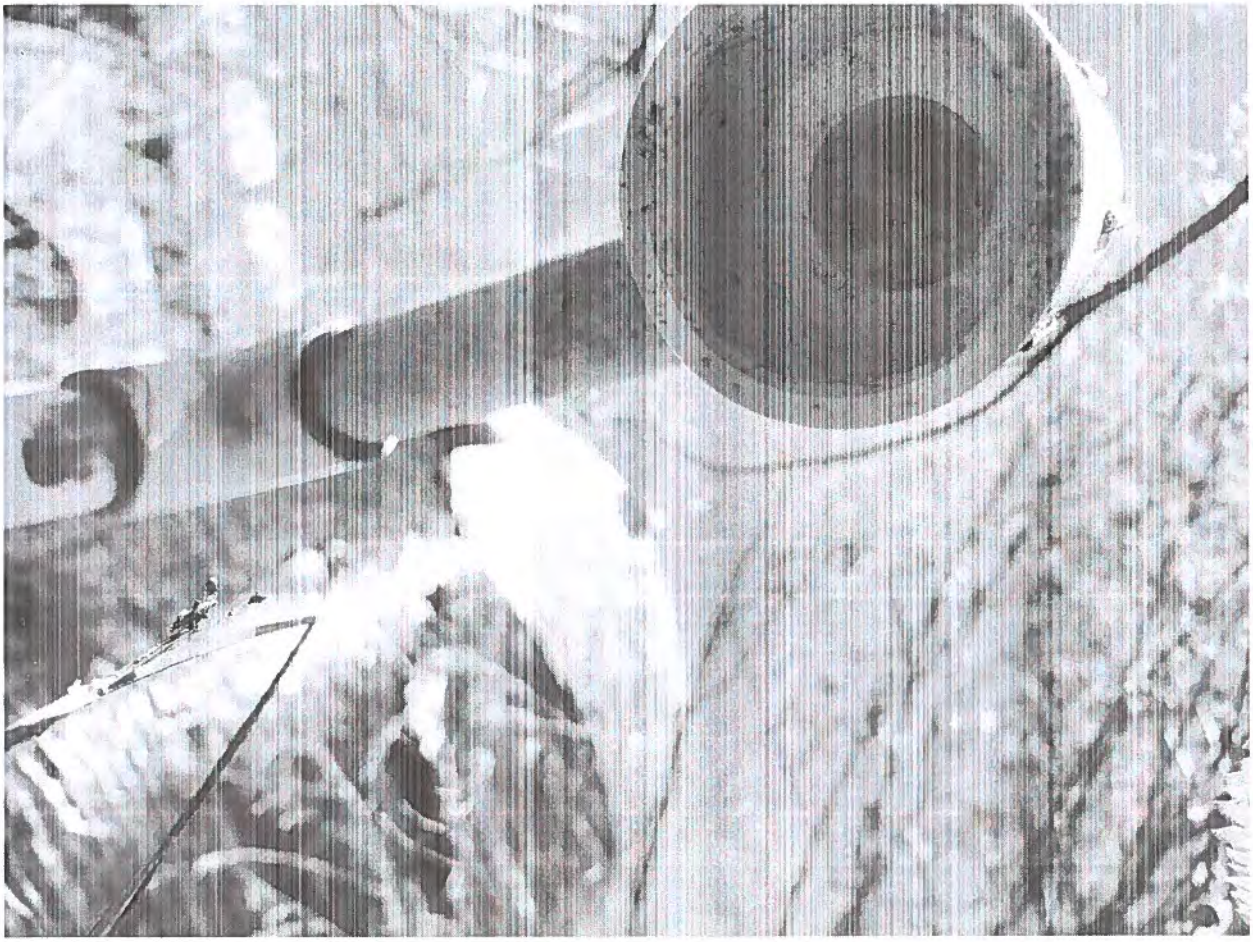
Attachment #1

Severity: Minor

Facility ID: TREATMENT PLANT

Category: Treatment

Attachment Comments: Chlorine tank was not located out of sunlight and did not have a receiving basin for accidental spills.



Attachment #2

Severity: Minor

Facility ID: PRIMARY WELL

Category: Source

Attachment Comments: The well vent did not have the required screen.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 70171000000031758600

March 27, 2019

Beryl Billiot
SKINNEYS RESTAURANT
78136 Highway 51
Kentwood, LA 70444

Re: Class I Sanitary Survey
SKINNEYS RESTAURANT Public Water System
PWS ID LA2105095
TANGIPAHOA Parish

Dear Billiot:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 11, 2019 sanitary survey inspection of the public water supply system for SKINNEYS RESTAURANT (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
Beryl Billiot	Skinney's Restaurant

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	LAC 51:XII.367.A - Disinfectant Residual Monitoring in Treatment Plant. A public water system (PWS) shall measure the residual disinfectant concentration within the distribution system at least once per day. During the inspection the public water system is not recording the MRT chlorine residual daily. The public water system shall use the state form labeled Report #2 to record the MRT chlorine residual, Report #1 to record the POE chlorine residual, and Report #3 to record the ACR chlorine residual. A copy of the forms are included in the report.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	LAC 51:XII.367.D - The records of the measurements and sampling required under Subsections A and B of this section shall be maintained on forms approved by the state health officer and shall be retained as prescribed in the National Primary Drinking Water Regulations, and shall be made available for review upon request by the state health officer. During the inspection the state form report #3 was not made available. Chlorine residual measurements are required to be recorded daily at the point of entry site and at the maximum residence time site and monthly at the additional chlorine residual site. The public water system shall be able to provide the records for a period of three years.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	LAC 51:XII.903.A - Public water systems shall collect routine total coliform samples at sites which are representative of water throughout the distribution system in accordance with a written monitoring plan approved by the state health officer. Each public water system (PWS) shall submit a written monitoring plan on a form approved by the state health officer. The monitoring plan shall

		include a minimum number of point of collection (POC) monitoring sites calculated by multiplying 1.5 times the minimum number of samples required to be routinely collected in accordance with Subsections C and D of this Section, rounding any mixed (fractional) number product up to the next whole number. The monitoring plan shall include a map of the system with each POC sampling site identified along with a 911 street address (if there is no 911 street address, then the latitude/longitude coordinates shall be provided). In accordance with requirements of Subsection E of this section, the plan shall also indicate how the PWS will alternate routine sampling between all of the approved POC sampling sites. During the inspection the MRT is not being pulled for compliance from the correct location according to the system's monitoring plan portal. Refer to the public water system's monitoring plan portal of exact locations for the POE and MRT. Alternate between the two sites for routine bacteriological sampling.
FACILITY	CATEGORY	FINDINGS
HD001 - STORAGE TANK	Finished Water Storage	LAC 51:XII.337.D - Paints or other materials used in the coating of the interior of cisterns, tanks, or other containers in which potable water is processed or stored shall be nontoxic to humans and shall be of such composition that the palatability of the water stored or processed shall not be adversely affected. The "Standard for Painting Steel Water Storage Tanks" published by the American Water Works Association shall be complied with. Determination of acceptability of coatings for potable water applications by the U.S. Environmental Protection Agency may be considered evidence of compliance with this Subsection. During the inspection the storage tank showed signs of corrosion and rust. All components of the well shall be replaced or maintained to prevent further corrosion and limit the potential for leaks. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
TP001 - CHLORINATION TP	Treatment	Calibration tubes or mass flow monitors which allow for direct physical checking of actual feed rates shall be fitted. During the inspection, it is noted a calibration tube is not provided at the treatment plant. A calibration tube shall be installed to monitor and adjust feeding rates. Provisions shall be made for measuring the quantities of chemicals used in order to prevent reaching the max dosage of the applied chemical.

FACILITY	CATEGORY	FINDINGS
TP001 - CHLORINATION TP	Treatment	Liquid chemical storage tanks must have a liquid level indicator and have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge. A common receiving basin may be provided for each group or compatible chemicals that provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank. During the inspection the sodium hypochlorite storage container did not have receiving basins capable of receiving accidental spills or overflows. Receiving basins should be provided for all chemical containers. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
2105095-001 - SKINNYS WELL #1	Source	The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained. During the inspection, it is noted a flow meter is not provided on the discharge line at the well. The discharge piping shall be equipped with a flow meter capable of measuring and totalizing the flow. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - CHLORINATION TP	Treatment	Sample taps shall be provided so that water samples can be obtained from appropriate locations in each unit of operation of treatment, and from the finished water. Taps shall be consistent with sampling needs and shall not be of the petcock type. Taps used for obtaining samples for bacteriological analysis shall be of the smooth-nosed type without interior or exterior threads, shall not be of the mixing type, and shall not have a screen, aerator, or other such appurtenance. During the inspection a threaded tap is provided at the point of entry (POE). A smooth- nose sample tap shall be installed for all sampling taps to prevent possible contamination from the threaded taps. **See Attachment #3**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

Respectfully,

Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



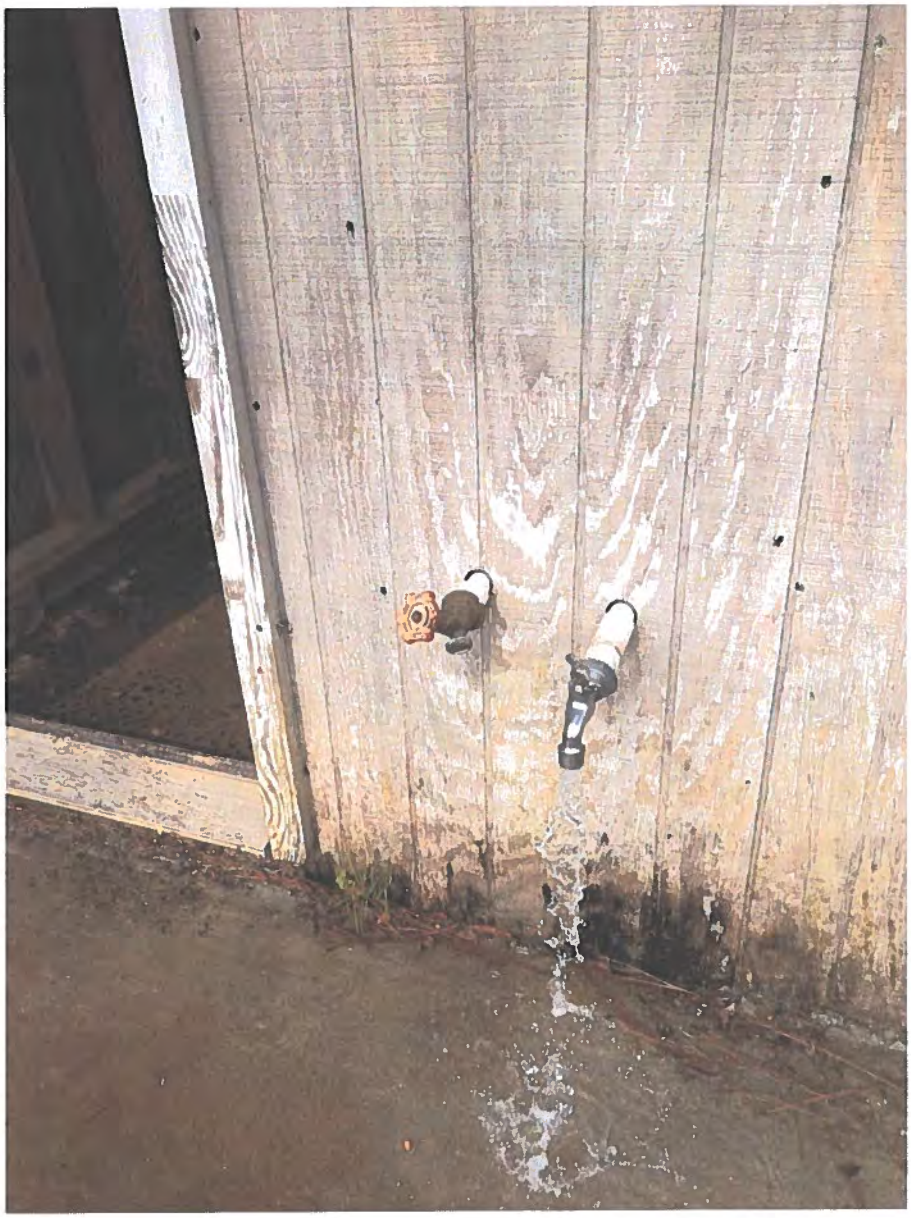
Attachment #1

Severity: Minor

Facility ID: SKINNYS WELL #1 and STORAGE TANK

Category: Source and Finished Water Storage

Attachment Comments: A flow meter is not provided at the well and the storage facility shows signs of corrosion and rust.



Attachment #3

Severity: Recommendations

Facility ID: CHLORINATION TP

Category: Treatment

Attachment Comments: The MRT is provided with a threaded tap.



Attachment #4

Severity: Minor

Facility ID: CHLORINATION TP

Category: Treatment

Attachment Comments: The Chlorine solution is not provided with spill protection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7019070000005989**

October 22, 2019

Charles E Schlicher
Manchac
46463 N Morrison Blvd
Hammond, LA 70401

Re: Class I Sanitary Survey
Manchac Public Water System
PWS ID LA2105124
Tangipahoa Parish

Dear Mr. Schlicher:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 8, 2019 sanitary survey inspection of the public water supply system for Manchac (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
Jonathan Vining	Manchac

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

No Unresolved Deficiencies

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 – Distribution System	Distribution System	At the time of inspection a hose was connected to the discharge piping and terminated in direct contact with the ground surface. Disconnect the hose from the discharge piping to allow protection of the potable water supply from potential backflow/backsiphonage from a non-potable water source. LAC 51:XII.343.A - There shall be no physical connection between a public water supply and any other water supply which is not of equal sanitary quality and under an equal degree of official supervision. There shall be no connection or arrangement by which unsafe water may enter a public water supply system. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
1105096-001 Manchac Well	Source	At the time of inspection a leak was visible at a ball valve on the discharge piping. Repair and/or replace the ball valve to prevent contamination of the well. LAC 51:XII.319.D.24 There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	State forms were not used to record daily chlorine residuals. LAC 51:XII.367.D - The records of the measurements and sampling required under Subsections A and B of this section shall be maintained on forms approved by the state health officer and shall be retained as prescribed in the National Primary Drinking Water Regulations, and shall be made available for review upon request by the state health officer.
FACILITY	CATEGORY	FINDINGS
GR001 – Ground Storage	Finished Water Storage	The ground storage overflow was not brought down to the proper elevation. The overflow shall be located 12 to 24 inches above the ground surface with a mesh screen and with a drainage inlet structure or splash plate. LAC 51:XII.225.I.1-- All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. **See Attachment #3**

FACILITY	CATEGORY	FINDINGS
TP001 – Treatment Plant	Treatment	The chlorine and ammonia tanks were not provided with receiving basins for accidental spills. LAC 51:XII.I.203.I.4.b - Liquid chemical storage tanks must have a liquid level indicator and have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge. A common receiving basin may be provided for each group or compatible chemicals that provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
1105096-001 Manchac Well	Source	The well vent was obstructed and not properly screened to prevent the entrance of contamination. Repair and replace the screen to prevent the entrance of foreign matter into the well. LAC 51:XII.327.A.11-12 - All potable water well casings shall be vented to atmosphere as provided in 327.A.12 below, with the exception that no vent will be required when single-pipe jet pumps are used. All potable water well vents shall be so constructed and installed as to prevent the entrance of contamination. All vent openings shall be piped water tight to a point not less than 24 inches above the highest flood level which may have occurred in a 10-year period, but in no case less than 24 inches above the ground surface. Such vent openings and extensions thereof shall be not less than 1/2 inch in diameter, with extension pipe firmly attached thereto. The openings of the vent pipes shall face downward and shall be screened to prevent the entrance of foreign matter. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, LA2105124 shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that LA2105124 has implemented with respect to the matters detailed in the complaint. LA2105124 shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.

2. In accordance with the provisions found in ACT No. 292, LA2105124 is here-by notified that PWS is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written inspection program for the ground storage tank. For steel tanks AWWA M42 recommends the maximum interval for periodic inspections of the tank interior should normally be three (3) years. It is usually advisable to wash out the tank at the time of inspection.

2. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

3. A well pumping test is currently not performed - pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what

effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

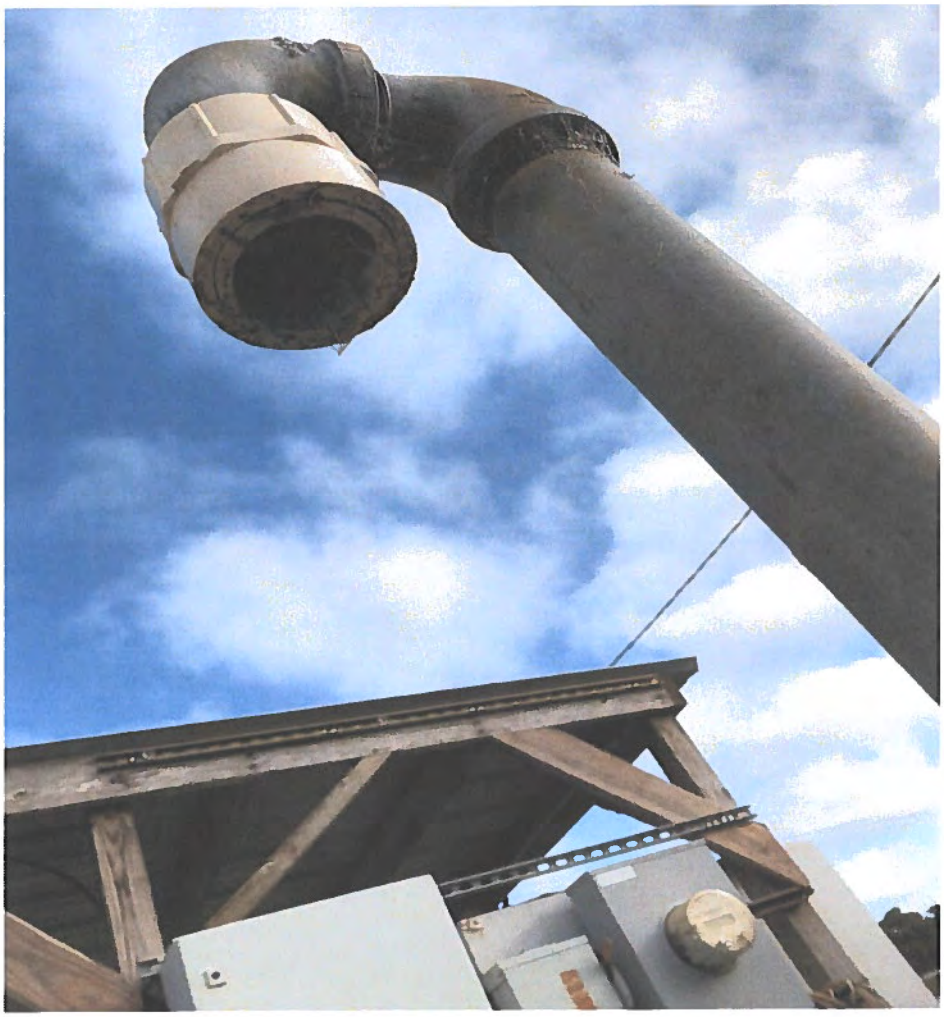
Respectfully,

Angela G. Gomez

Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: Manchac Well

Category: Source

Attachment Comments: The well vent was obstructed with foreign matter.



Attachment #2

Severity: Significant

Facility ID: Manchac Well

Category: Source

Attachment Comments: The ball valve on the discharge piping was leaking.



Attachment #3

Severity: Minor

Facility ID: Ground Storage

Category: Finished Water Storage

Attachment Comments: The ground storage overflow was not brought down to the appropriate height and was not facing downward.



Attachment #4

Severity: Significant

Facility ID: Distribution System

Category: Distribution System

Attachment Comments: A hose was connected to the discharge pipe and was terminating on the ground surface.



Attachment #5

Severity: Minor

Facility ID: Treatment plant

Category: Treatment

Attachment Comments: Receiving basins were not provided at the treatment plant.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8341

April 4, 2019

Luke Varisco
L & L FAMILY GROCERY AND DELI, LLC
Husser, LA 70442

Re: Class I Sanitary Survey
L & L FAMILY GROCERY AND DELI, LLC Public Water System
PWS ID LA2105127
TANGIPAHOA Parish

Dear Mr. Varisco:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 21, 2019 sanitary survey inspection of the public water supply system for L & L FAMILY GROCERY AND DELI, LLC (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Jacob Haffner	LDH District II Engineering

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The system does not have an approved monitoring plan. Per LAC 51:XII.319.D.20, system shall have a monitoring plan that includes a list of all routine compliance samples required on a daily, weekly, monthly, quarterly, and annual basis and identify the sampling location where samples are to be collected.
FACILITY	CATEGORY	FINDINGS
Management	Operator Compliance with State Requirements	Per LAC 51: XII.309.A, all public water supplies shall be under the supervision and control of a duly certified operator as per requirements of the State Operator Certification Act, Act 538 of 1972, as amended. There was no certified operator associated with this water supply at the time of inspection. The water system shall retain a Certified Operator.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	Per LAC 51:XII.105.A, no public water supply shall be hereafter constructed, operated or modified to the extent that the capacity, hydraulic conditions, functioning of treatment processes, or the quality of finished water is affected, without, and except in accordance with, a permit from the state health officer. However, the existing well and storage tank were not permitted and there was no approved treatment plant installed at the time of inspection. Please provide as built plans for the existing facilities and submit plans for the disinfection system. The plans shall be signed, stamped and dated by a Louisiana professional engineer. A permit applicaiton is required to be submitted to LDH/OPH Engineering Services/Southeast Region IX.
FACILITY	CATEGORY	FINDINGS
2105127-001 - WATER WELL	Source	The electrical wires entering well casing were not in a conduit and did not seem watertight at the time of inspection. Per LAC 51:XII.319.D.7, there shall be no pathway for contamination into the well casing or discharge piping. The electrical wires should be enclosed in a conduit and properly sealed. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
2105127-001 - WATER WELL	Source	There was no raw water tap at the time of inspection. Per LAC 51:XII.327.A.15, all potable water supply wells shall be provided with a readily accessible faucet or tap on the well discharge line at the well for the collection of water samples. The faucet or tap shall be of the smooth nozzle type, shall be upstream of the well discharge line check valve and shall terminate in a downward direction.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Per LAC 51: XII.367.A, a public water system (PWS) shall measure the residual disinfectant concentration within the distribution system at least once per day. At the time of inspection, the chlorine residual at POE, MRT and ACR were not monitored and recorded on the state approved forms. Chlorine residuals must be monitored daily at the water production (POE) site and a critical point (MRT)--the furthest location in the water system. An additional chlorine residual check must be made monthly at the ACR site.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Per LAC 51:XII.903.B, the water supply must provide suitable taps which draw water directly from the mains or the service lines. Such taps provide for samples which are most representative of the quality of water provided without "interference" which may be caused by plumbing problems within residences or other structures. Use of such taps decreases the chance of "bad samples" resulting in a coliform maximum contaminant level (MCL) violation which requires public notification by the public water supply and an administrative enforcement action by the EPA/DHH against the public water supply. The sample tap on the side of the building was threaded type at the time of inspection. The sample taps used for obtaining samples for bacteriological analysis shall be the smooth-nosed type without interior or exterior threads. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
2105127-001 - WATER WELL	Source	There was no flow meter on the well discharge piping at the time of inspection. The well discharge piping shall be equipped with a means of measuring flow per LAC 51:XII.169.H.3.iv. **See Attachment #3**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

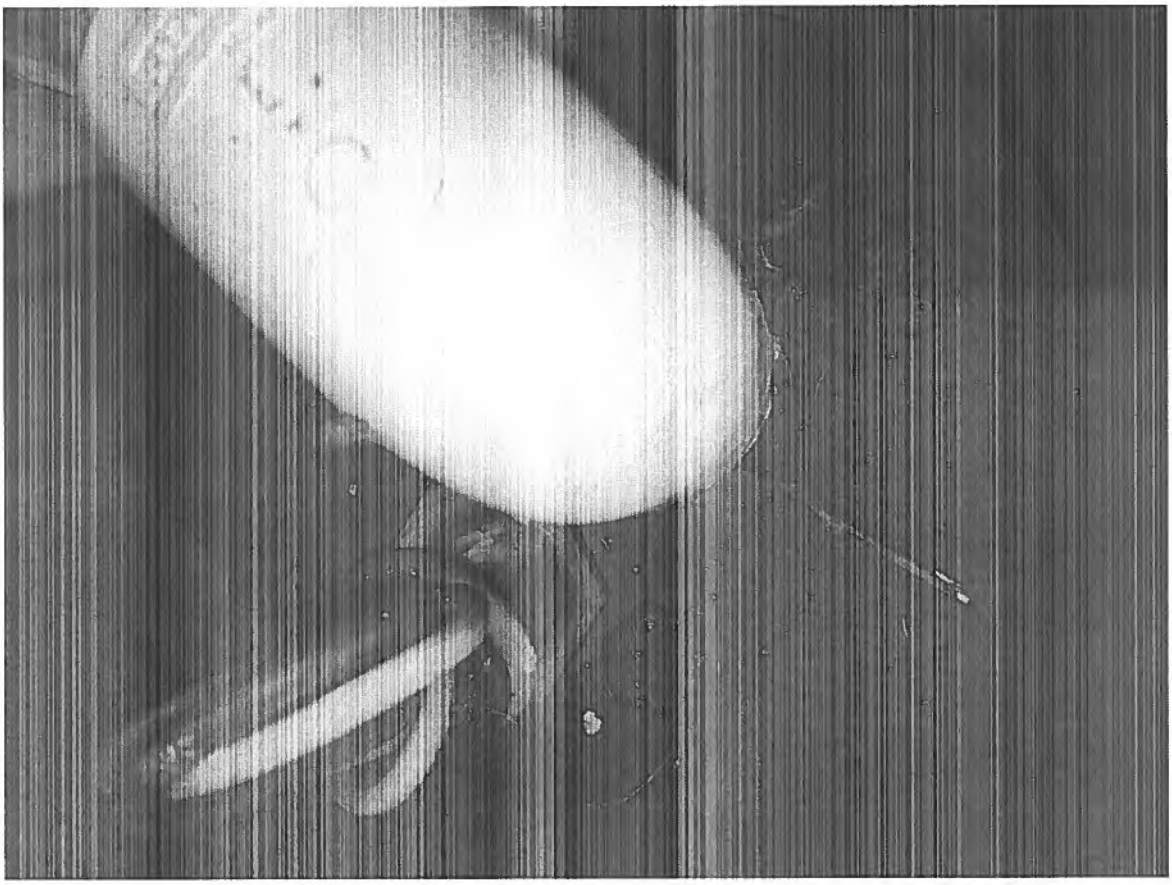
Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



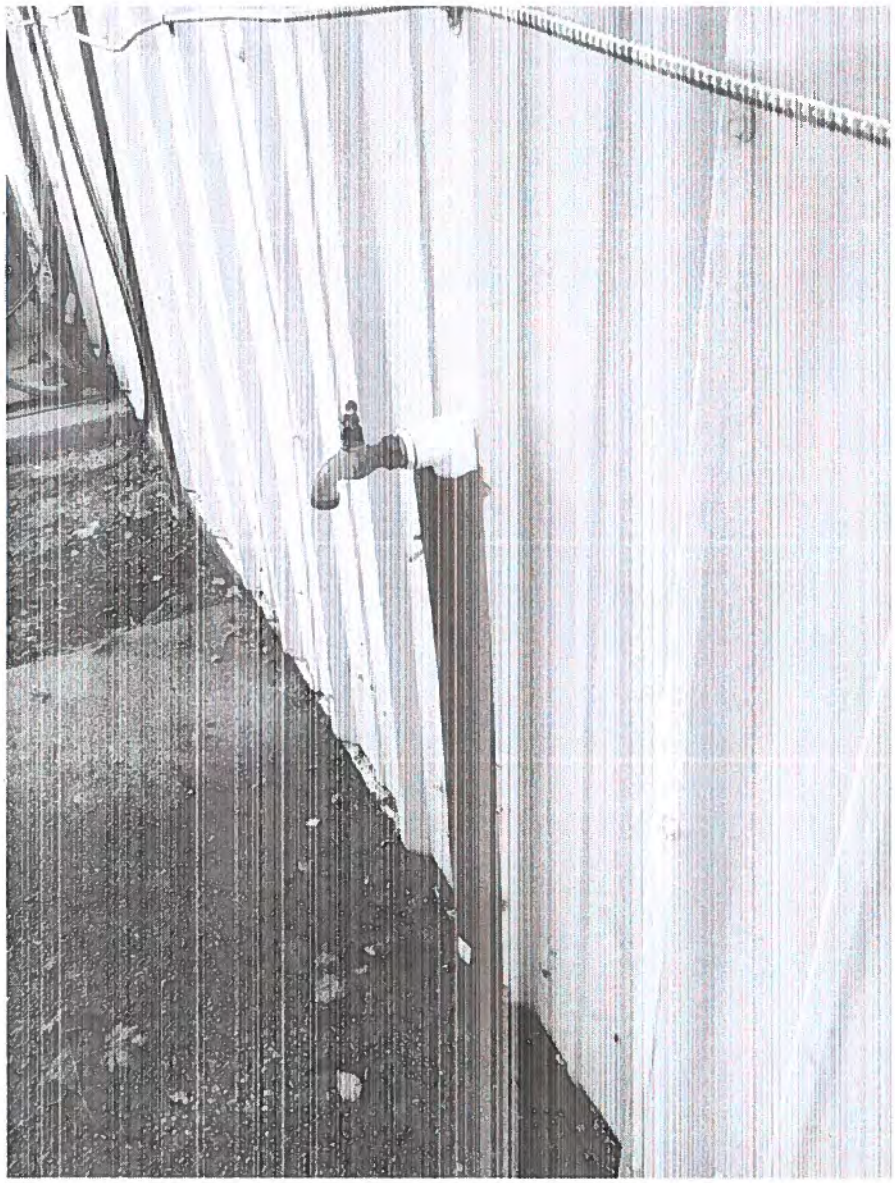
Attachment #1

Severity: Significant

Facility ID: WATER WELL

Category: Source

Attachment Comments: Possible pathway of contamination



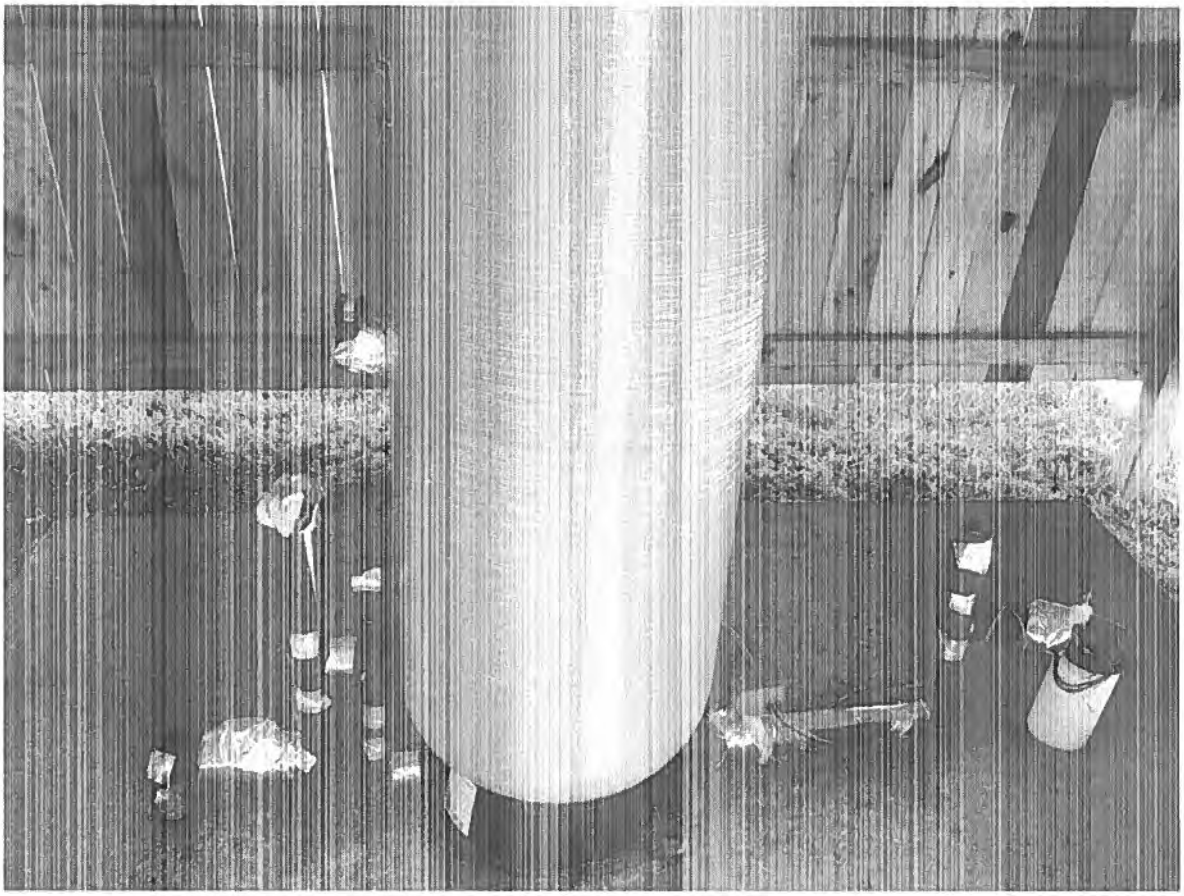
Attachment #2

Severity: Minor

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Threaded sample tap



Attachment #3

Severity: Minor

Facility ID: WATER WELL

Category: Source

Attachment Comments: No flow meter

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 1370 0000 8452 4051

March 1, 2019

Michael McGuffee
Lake Bruin Water District #1
PO Box 540
Gilbert, LA 71336

Re: Class I Sanitary Survey
Lake Bruin Water District #1
PWS ID LA1107001
Tensas Parish

Dear Mr. McGuffee:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 26, 2019 sanitary survey inspection of the public water supply system for Lake Bruin Water District #1. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH/OPH Engineering Services Region VIII
Carol Justus	LDH/OPH Engineering Services Region VIII
Michael McGuffee	JCP Management Inc.

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the inspection, the water system did not have a fully implemented cross connection control plan. The system needs to have a cross connection survey preformed to determine which customers need a backflow preventer added. The system must also have backflow prevention devices tested yearly with documentation maintained by the water system. Please supply the region VIII office with the cross connection control ordinance, a list showing customers and applicable devices, and all testing reports for the backflow devices that are installed.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR002 - GROUND	Finished Water Storage	At the time of inspection, the overflow on the Ground Storage Tank was not screened. Please install a twenty-four mesh non-corrodible screen to prevent the entrance of any birds, insects or other sources of contamination.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7246.

Respectfully,

Rory Dobbs

Rory Dobbs,
Region VIII Engineer
LDH/OPH Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: **7018 0680 0001 2490 7207** – Return Receipt Requested

November 14, 2019

Mayor Timothy Turner
Town of Newellton
Post Office Box 477
Newellton, LA 71357

Re: Class 3 Treatment Plant Survey Site Visit
Newellton Water System
PWS ID LA1107003
Tensas Parish

Dear Mayor Turner:

The Department of Health and Hospitals would like to thank you and the site visit participants for the courtesy and assistance provided during the October 29, 2019 Class 3 Treatment Plant Site Visit inspection of the Newellton Water System. These inspections are part of our program to ensure compliance with the EPA Code of Federal Regulations Title 40 Parts 141-142 and Title 51 of the Louisiana Administrative Code.

This letter provides a summary of items noted in previous sanitary surveys in addition to during this follow-up sanitary survey. If significant deficiencies have been listed on the subsequent pages you are required to correct the deficiencies and provide written documentation of your corrective actions including the date(s) resolved. You may also request additional time beyond the 60 days in writing by providing a detailed plan of corrective action that includes proposed completion dates. Failure to respond to this letter in writing within 60 days of receipt may result in Enforcement Action.

Parties Present

Name	Organization
Tyler Lollis	LDH/OPH Engineering Services Region VIII
Rory Dobbs	LDH/OPH Engineering Services Region VIII
Rebecca Bellemin	Newellton Water System, Operator

NOTICE OF DEFICIENCIES / NOTICE OF VIOLATIONS

Based upon review of the available records and visual examination of the facilities, the following deficiencies require your immediate attention.

Unresolved Observations – Deficiencies cited during previous site visits

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/30/2018	08/20/2018	Sanitary Survey, Finished	Significant	Operator Compliance with State Requirements	Management

Comments: At the time of inspection there was no program in place to train replacement operators to run the treatment plant. It is important to maintain a competent and educated staff in order to maintain operations in the event of extreme circumstances or retirement. Please provide this office with shift schedules and information inclusive of hours of operation.

An Administrative Order (AO) was issued. This deficiency is included in the AO.

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/30/2018	08/20/2018	Sanitary Survey, Finished	Significant	Other	Management

Comments: The paint on the clarifier and trough is showing signs of deterioration, rust, and flaking paint. Please have the clarifier, clear well, and filters sand blasted and repainted.

The injector pump for the liquid ammonium sulfate is not secured and resting on a cinder block. Injector pump should be secured to prevent equipment failure.

The pipe gallery inside the treatment plant building is showing signs of rust, corrosion and flaking paint. The piping must be cleaned, treated and painted to resist further corrosion and deterioration that could lead to a potential source of contamination of finished, treated water.

An Administrative Order (AO) was issued. This deficiency is included in the AO.

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/30/2018	08/20/2018	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-ELEVATED

Comments: The overflow pipe is not screened. The overflow pipe must be screened with a 4 mesh non-corrodible screen and installed to provide protection at all times.

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/30/2018	08/20/2018	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GROUND

Comments: From review the finished water storage facilities (ground storage tank) should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages' interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities could benefit from an inspection.

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/30/2018	08/20/2018	Sanitary Survey, Finished	Minor	System Management and Operation	Management

Comments: The electrical wiring box, motor casing, and conduit piping at the chlorine/alum injection piping outside is showing signs of rust/corrosion. The electrical components should be cleaned and protected from the weather to prevent damage to the motor and equipment failure. Please submit labeled photographic documentation of completed repairs.

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/17/2015	01/12/2016	Sanitary Survey, Finished	Significant	Other	Management

Comments: At the time of inspection the filter media in the gravity filters was showing significant cracking. Please have the filter media replaced. The paint of the trough of the clarifier, clear well, and the tope end of the filters was showing signs of deterioration. Please have the clarifier, clear well, and filters sand blasted and repainted.

An Administrative Order (AO) was issued. This deficiency is included in the AO.

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/17/2015	01/12/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-ELEVATED

Comments: At the time of inspection the paint on the elevated tank was showing signs of wear and rust. Please make plans to sandblast and paint the tank in the near future. 40 CFR 141.403 and TSS 7.0.17 - Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the inspection, it was noted the town had adopted a cross connection control program, however the program was not being actively enforced. A survey of the entire system must be completed to ensure that all customers, residential and commercial, are protected from potentially polluting the distribution system. An up-to-date customer listing must be compiled showing the critical customers within the distribution system. High risk customers include but are not limited to restaurants, hospitals, schools, funeral homes, jails, churches, farms, and customers with auxiliary water (such as swimming pools, private wells, fountains, animal watering troughs, indoor fire protection, and others). All commercial customers should be assessed for proper backflow prevention devices. It is the responsibility of the water system to ensure all residential and commercial customers with auxiliary water are properly filling these vessels using an air gap or an approved backflow prevention device. . If there are no high-risk customers served by the water system, the system must provide documentation to demonstrate this. Customers must be given notification of their obligations as part of the water systems written CCCP. All correspondence and required annual testing must be kept on file by the water system for review during sanitary surveys and inspections by LDH. Please provide a written statement to the Region 8 Office to include actions that will be taken by the water system to enforce the CCCP as a requirement, create an up-to-date list of critical customers, and document current annual test reports for all customers required to maintain backflow prevention devices. Please feel free to contact this office for assistance with this item.

Minor Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was found that the system did not maintain complete records of the bacteriological/chemical sample results. Records of chemical analyses must be kept for not less than 10 years. Please notify this office once the routine sample results are printed and retained in a file.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, the water system did not maintain records to indicate it was following the written nitrification control plan. Records of nitrification control plans and monitoring results must be kept for not less than 5 years and must be made available for review during sanitary surveys. Submit nitrification control plan documentation to show that the system has been following the plan.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	It was noted during the sanitary survey that the water system did not keep a customer complaint log. Effective August 1, 2018, community water systems are required by Act 292 to establish and maintain records of customer complaints. The aspects of the log include time and date of the complaint, location, the name of the customer or user, a brief description, and the corrective actions implemented to resolve the complaint. These records must be maintained by the water system for a minimum of 5 years and must be made available for review by LDH upon request. These records can be vital to identify problem areas in your distribution system. They can also support efforts to seek funding for various issues that may plague the water system. Please send our office a copy of the Newellton Water System complaint log form once it is finalized.

The deficiencies listed in the above table titled "NOTICE OF DEFICIENCIES / NOTICE OF VIOLATIONS" must be corrected and a written response submitted to the department within 60 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the DHH-OPH Enforcement Units. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided by the Public Water System to the Surveying Office within 60 days of receipt of this letter with details regarding your corrective actions and any time extensions you may propose or you will be cited with a Treatment Technique violation which requires you to notify your consumers of the violation incurred.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Tyler Lollis,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
10/31/2018	0.064 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7210.

Respectfully,

Tyler Lollis

Tyler Lollis, E.I.
Region 8 – Monroe
LDH/OPH Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH/OPH Engineering Services
File

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 0680 0001 2490 7177** – Return Receipt Requested

November 15, 2019

Mike Thompson
Tensas Water District Association
Post Office Box 828
St. Joseph, LA 71336

Re: Class 3 Treatment Plant Survey Site Visit
Tensas Water District Association Public Water System
PWS ID LA1107009
Tensas Parish

Dear Mr. Thompson:

The Department of Health and Hospitals would like to thank you and the site visit participants for the courtesy and assistance provided during the October 29, 2019 Class 3 Treatment Plant Site Visit inspection of the public water supply Tensas Water District Association. These inspections are part of our program to ensure compliance with the EPA Code of Federal Regulations Title 40 Parts 141-142 and Title 51 of the Louisiana Administrative Code.

This letter provides a summary of items noted in previous sanitary surveys in addition to during this follow-up sanitary survey. If significant deficiencies have been listed on the subsequent pages you are required to correct the deficiencies and provide written documentation of your corrective actions including the date(s) resolved. You may also request additional time beyond the 60 days in writing by providing a detailed plan of corrective action that includes proposed completion dates. Failure to respond to this letter in writing within 60 days of receipt may result in Enforcement Action.

Parties Present

Name	Organization
Tyler Lollis	LDH/OPH Engineering Services Region VIII
Rory Dobbs	LDH/OPH Engineering Services Region VIII
Rebecca Bellemin	Tensas Water District, Operator
Brenda Fussell	Tensas Water District, Manager

NOTICE OF DEFICIENCIES / NOTICE OF VIOLATIONS

Based upon review of the available records and visual examination of the facilities, the following deficiencies require your immediate attention.

Unresolved Observations – Deficiencies cited during previous site visits

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/06/2018	08/17/2018	Sanitary Survey, Finished	Significant	Other	Management
Comments: A tree outside of the fence at the Ground Storage Tank (GR004) on Hwy 3044 (Rex James) site, is overhanging and creates a potential hazard for the tank. Tree should be trimmed and branches cut to reduce risk to ground storage tank.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
08/06/2018	08/17/2018	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-ELEVATED, GR001-GROUND STORAGE AT PLANT, GR002-GROUND STORAGE HWY 608, GR003-GROUND STORAGE HWY 4, GR004-GROUND STORAGE HWY 3044, GR006-GROUND STORAGE LA892
Comments: From review the finished water storage facilities should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storage interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities could benefit from an inspection.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/17/2015	01/20/2016	Sanitary Survey, Finished	Significant	Dist. System	DS0950-DISTRIBUTION SYSTEM
Comments: At the time of inspection a cross connection control program had been adopted and an air gap policy has been enforced. However, a cross connection survey had not been completed to identify customers that would require a back flow preventer when an air gap is not practical. Please have a survey completed to identify high risk customers and ensure the quality of the system's drinking water. 40 CFR 141.403 and LAC 51:XII.344 - Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/17/2015	01/20/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GROUND
Comments: At the time of inspection the screen on the overflow was in disrepair. Please have the screen replaced. 40 CFR 141.403 The overflow for a ground-level storage reservoir shall open downward and be screened with twenty-four mesh non-corrodible screen. The screen shall be installed within the overflow pipe at a location least susceptible to damage by vandalism. If a flapper valve is used, a screen shall be provided inside the valve.					

Significant Deficiencies

No observations were recorded in this category.

Minor Deficiencies

No observations were recorded in this category.

The deficiencies listed in the above table titled "NOTICE OF DEFICIENCIES / NOTICE OF VIOLATIONS" must be corrected and a written response submitted to the department within 60 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the DHH-OPH Enforcement Units. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided by the Public Water System to the Surveying Office within 60 days of receipt of this letter with details regarding your corrective actions and any time extensions you may propose or you will be cited with a Treatment Technique violation which requires you to notify your consumers of the violation incurred.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Tyler Lollis,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7210.

Respectfully,

Tyler Lollis

Tyler Lollis, E.I.
Region 8 – Monroe
LDH/OPH Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH/OPH Engineering Services
File

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2490 7764 – Return Receipt Requested

October 15, 2019

Reggie Skains
Downsville Water System
P O Box 128
Downsville, LA 71234

Re: Class I Sanitary Survey
Downsville Water System
PWS ID LA1111004
Union Parish

Dear Mayor Skains:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 9, 2019 sanitary survey inspection of the public water supply system for Downsville Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH/OPH Engineering Services Region VIII
Chris Harris	Village of Downsville WS
Reggie Skains	Village Of Downsville WS

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/15/2017	11/20/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GROUND STORAGE #1
Comments: Corrosion was noted on the ground storage inflow and outflow piping. Piping must be cleaned, repainted, and protect from freezing. Extension approved on 9/24/2018 through 12/31/2019.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/15/2017	11/20/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	HD001-HP TANK
Comments: Hydro pneumatic tank shows significant rust on the exterior. The tank must be inspected, cleaned, and repainted. This deficiency was cited on 12/19/2014 and still active. Extension approved on 9/24/2018 through 12/31/2019.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/19/2014	12/30/2014	Sanitary Survey, Finished	Significant	Finished Water Storage	HD001-HP TANK
Comments: At the time of the inspection, rust was noted on the hydro pneumatic tank. Scrape and paint the tank with an NSF 61 approved paint. Extension approved on 9/24/2018 through 12/31/2019.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

Facility	Category	Findings
1111004-002 - Well #2	Source	At the time of inspection, Well #2 showed noticeable signs of rust and flaking paint. Please have the well cleaned and painted to prevent a possible pathway for contamination. See attachment #1.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to

this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

Facility	Category	Findings
Management	Other	Develop and implement a written inspection program for the storage tanks. For steel tanks, AWWA M42 recommends the interval for periodic inspections of the tank interior should be three to five years. It is advisable to wash out the tank at the time of inspection.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
07/08/2019	0.074 mg/L	0.060 mg/L	Total Haloacetic Acids (HAA5)	04/01/2019 - 06/30/2019
07/08/2019	0.067 mg/L	0.060 mg/L	Total Haloacetic Acids (HAA5)	04/01/2019 - 06/30/2019
07/08/2019	0.105 mg/L	0.080 mg/L	TTHM	04/01/2019 - 06/30/2019
07/08/2019	0.084 mg/L	0.080 mg/L	TTHM	04/01/2019 - 06/30/2019
04/17/2019	0.066 mg/L	0.060 mg/L	Total Haloacetic Acids (HAA5)	01/01/2019 - 03/31/2019
04/17/2019	0.091 mg/L	0.080 mg/L	TTHM	01/01/2019 - 03/31/2019

01/04/2019	0.092 mg/L	0.080 mg/L	TTHM	10/01/2018 - 12/31/2018
10/15/2018	82 µg/L	80 µg/L	TTHM	07/01/2018 - 09/30/2018
10/15/2018	93 µg/L	80 µg/L	TTHM	07/01/2018 - 09/30/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
8003680	06/10/2019	Inadequate Min. Chlorine Residual (GW&SW)	06/01/2019 - 06/30/2019
8003676	01/03/2019	Inadequate Min. Chlorine Residual (GW&SW)	12/01/2018 - 12/31/2018
8003675	11/07/2018	5% DS Below Min 0.5-2 Months Consec. (GW)	10/01/2018 - 10/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7246 or by email at Rory.Dobbs@LA.Gov.

Respectfully,

Rory Dobbs,
Engineer Intern II

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments:



Attachment 1: Well #2 minor rust and flaking paint.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2490 7733 – Return Receipt Requested

October 4, 2019

Charlie Hogue
Junction City Water System
P.O. Box 142
Junction City, AR 71749

Re: Class I Sanitary Survey
Junction City Water System
PWS ID LA1111009
Union Parish

Dear Mr. Hogue:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 30, 2019 sanitary survey inspection of the public water supply system for Junction City Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH/OPH Engineering Services Region VIII
William H. Thompson	Junction City Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

Facility	Category	Findings
DS0950 - Distribution System	Distribution System	At the time of inspection, the water system had a cross connection control plan in place, had a survey performed to identify high risk customers, and had installed backflow prevention devices on the high risk customers. The water system did not have any backflow prevention device testing reports to show that the devices were working properly, these tests must be done yearly. Please send the customer list including all high risk customers and what kind of device each customer needs, and copies of testing reports from each of these devices to this office.
Facility	Category	Findings
1111009-001 - Well #1 (Old Well)	Source	At the time of inspection, the electrical box for Well #1 had 4 bolt holes that were not filled/sealed. Please seal or fill any openings on the electrical box to eliminate any pathway for contamination. See attachment #1.

Deficiencies

Facility	Category	Findings
Management	M&R and Data Verification	At the time of inspection, the system had no way of validating the chlorine residual measurements that they were taking. Please find a way to validate your colorimeter's readings in accordance with the manufacturer's recommendations and keep records of these validations.
Facility	Category	Findings
EL001 - Elevated Tank	Finished Water Storage	At the time of inspection, the overflow for the Elevated Tank seemed to be clogged up behind the screen. Please clean out the overflow to ensure that water can flow out in the event that the tank is over filled.
Facility	Category	Findings
TP001 & TP002 - Wells #1 & #2	Treatment	At the time of inspection, the vent lines from the chlorine feeders at both well sites were not fed to the outside of the chlorine building or screened. Vents from chlorine feeders must be screened and discharge to the outside atmosphere, above grade.
FACILITY	CATEGORY	FINDINGS
TP001 & TP002 - Wells #1 & #2	Treatment	At the time of inspection, none of the ventilating fans for the chlorine buildings at either well site were operational. Where chlorine gas is used, the room shall be constructed to provide the following: each room shall have a ventilating fan with capacity which provides one complete air change per minute when the room is occupied.
Facility	Category	Findings
1111009-002 - Well #2 (New Well)	Source	At the time of inspection, the casing pipe for Well #2 was showing signs of rust and flaky paint. Please clean and paint all of the piping on the well to prevent any further deterioration that could lead to a pathway for contamination. See attachment #2.
Facility	Category	Findings
1111009-001 - Well #1 (Old	Source	At the time of inspection, Well #1 had a pipe support that showed the potential for failure. Please fix or replace the support to ensure that any potential failure won't affect the structural integrity of the well discharge

Well)		piping. See attachment #3.
Facility	Category	Findings
1111009-001 - Well #1 (Old Well)	Source	At the time of inspection, Well #1 was showing noticeable signs of rust and flaking paint. Please clean and repaint the well to prevent any further deterioration that could lead to a pathway for contamination. See attachment #4.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

Facility	Category	Findings
EL001 - Elevated Tank	Finished Water Storage	Develop and implement a written inspection program for the Elevated Storage Tank. For steel tanks, AWWA M42 recommends the interval for periodic inspections of the tank interior should be three to five years. It is advisable to wash out the tank at the time of inspection.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7246 or by email at Rory.Dobbs@LA.Gov.

Respectfully,

Rory Dobbs,
Engineer Intern II

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments:



Attachment 1: Well #1 electrical box



Attachment 2: Well #2 casing.



Attachment 3: Well #1 pipe support.



Attachment 4: Well #1 discharge piping.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2490 8204 – Return Receipt Requested

August 13, 2019

Ben Bridges
Point Wilhite Water System
153 Ben Bridges Road
Downsville, LA 71234

Re: Class I Sanitary Survey
Point Wilhite Water System
PWS ID LA1111012
Union Parish

Dear Mr. Bridges:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 9, 2019 sanitary survey inspection of the public water supply system for Point Wilhite Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH/OPH Engineering Region VIII
Curtis Dean	Point Wilhite Water System
Dustin Long	Point Wilhite Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/27/2017	09/28/2017	Sanitary Survey, Finished	Significant	Source	1111012-002-Well #2
Comments: At the time of the inspection, it was noted well #2 located on Wes Wilhite Road was not functioning and there are no plans to use this well as a drinking water source. Plug and abandon the well in accordance with the Louisiana Water Well Rules, Regulations, and Standards by using a Louisiana licensed well driller and report the action to LDNR.					

Significant Deficiencies

Facility	Category	Findings
1111012-004 - Well #4 Prentice Pardue	Source	At the time of inspection, Well #4 was connected to an electrical box that was not properly sealed, Please seal all appropriate openings on this box to help prevent the possibility of contamination in the well casing. See attachment 1.

Deficiencies

Facility	Category	Findings
Management	Other	At the time of inspection, there was a hole forming near the base of Elevated Tank #2. Please fill in this hole to prevent further erosion and accumulation of water under or near the slab. See attachment 2.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

Facility	Category	Findings
1111012-003 & 004 - Well #3 & #4	Source	At the time of inspection, Wells #3 & #4 showed minor signs of flaking paint and would benefit from cleaning/painting. Please clean and paint the wells to ensure that the well casing and discharge piping are protected from possible contamination. See attachments 3 & 4.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

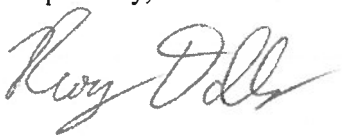
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
8005499	02/14/2019	Public Notice Rule Linked To Violation	
8005498	01/22/2019	Lead Consumer Notice (LCR)	01/01/2016 - 12/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7246 or by email at Rory.Dobbs@LA.Gov.

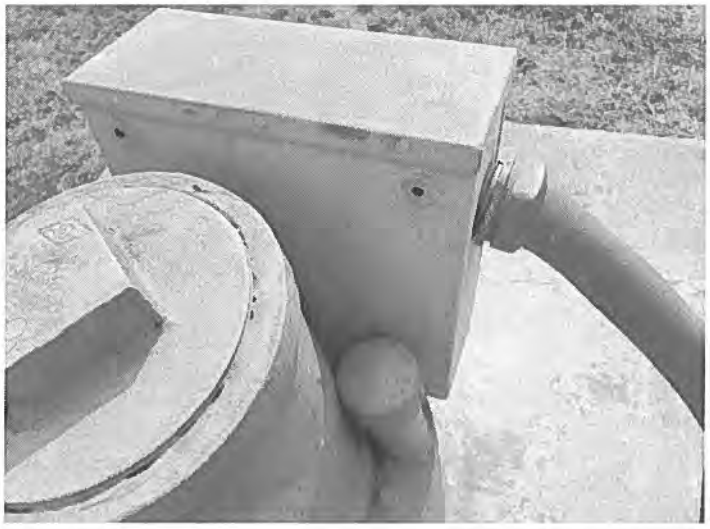
Respectfully,



Rory Dobbs,
Engineer Intern I

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments:



Attachment 1: Well #4 electrical box.



Attachment 2: Elevated Tank #2 grading.



Attachment 3: Well #3 paint.



Attachment 4: Well #4 paint.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2490 7795 – Return Receipt Requested

October 22, 2019

J.C. Ainsworth
Rocky Branch Water System
705 Hodge Road
Farmerville, LA 71241

Re: Class I Sanitary Survey
Rocky Branch Water System
PWS ID LA1111013
Union Parish

Dear Mr. Ainsworth:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 15, 2019 sanitary survey inspection of the public water supply system for Rocky Branch Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH/OPH Engineering Services Region VIII
Earl Babineau	Rocky Branch Water Works
Nickey D. Haye	Rocky Branch Water Works

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

Facility	Category	Findings
DS0950 - Distribution System	Distribution System	At the time of inspection, the water system had a cross connection control ordinance in place, and had performed a cross connection survey to identify customers that needed backflow prevention devices. The system had no documentation showing that this survey had been completed. Please send documentation to this office showing that a survey has been done.
Facility	Category	Findings
1111013-001 - Well #1	Source	At the time of inspection, Well #1 had an electrical box that was not properly sealed. Please seal all openings on the electrical box to prevent any foreign matter from entering the well casing. See attachment 1.
Facility	Category	Findings
1111013-002 - Well #2	Source	At the time of inspection, Well #2 had a section of pipe that was open with no means of preventing the well from becoming contaminated. This well is currently only being kept in case of an emergency and this section of open pipe functions as a way to flush the well periodically. There is nothing on the pipe to prevent the entrance of contamination into the well. Please take action to protect the well from contamination. Also, the electrical conduit attached to the casing was in poor repair and was not fully sealed to prevent the entrance of contamination. Please seal all openings in the conduit to protect the well casing from contamination. See attachment 2
Facility	Category	Findings
1111013-005 - Well No. 5	Source	At the time of inspection, Well #5 had an electrical box that was not properly sealed. Please seal all openings on the electrical box to prevent any foreign matter from entering the well casing. See attachment 3.

Deficiencies

Facility	Category	Findings
ST002 - Stand Pipe #2	Finished Water Storage	At the time of inspection, the overflow screen on Stand Pipe #2 was not fully attached to the overflow pipe. Please fix the screen to prevent the entrance of foreign matter into the stand pipe. See attachment 4.
Facility	Category	Findings
TP003 - Laster Road And Highway 143 Site	Treatment	At the time of inspection, The chlorine building at the Laster Rd site did not have a functioning light. The chlorine room must be equipped with a working light.
Facility	Category	Findings
TP004 - Well #4	Treatment	At the time of inspection, the chlorine building at the Well #4 site did not have a functioning light or fan. The chlorine building must be equipped with a working light and fan.
Facility	Category	Findings
1111013-005 - Well No. 5	Source	At the time of inspection, the air relief valve on Well #5 was not terminating downward or screened. The air relief valve must be

		equipped with exhaust/relief piping terminating in a down-turned position at least 18 inches above the floor and covered with a 24 mesh corrosion resistant screen. See attachment 5.
Facility	Category	Findings
1111013-004 - Well #4	Source	At the time of inspection, the casing vent on Well #4 was not properly screened. Please install a non-corrodible 24 mesh screen to prevent the entrance of foreign matter into the well casing.
Facility	Category	Findings
1111013-004 & 005 - Wells #4 & #5	Source	At the time of inspection, the sample tap upstream of the check valve on Wells #4 and #5 discharged water while the wells were off. Indicating that the check valves were leaking. Please fix the leaks to prevent treated water from being introduced back into the source.
Facility	Category	Findings
1111013-001, 002, 004, & 005 - Wells #1, #2, #4, & #5	Source	At the time of inspection, Wells #1, #2, #4, and #5 showed noticeable signs of rust and flaking paint. Please have the wells cleaned and painted to prevent any further deterioration that could lead to a pathway for contamination. See attachments 1, 2, and 6.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

Facility	Category	Findings
Management	Other	Develop and implement a written inspection program for the storage tanks. For steel tanks, AWWA M42 recommends the interval for periodic inspections of the tank interior should be three to five years. It is advisable to wash out the tank at the time of inspection.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
09/17/2019	0.191 mg/L	0.080 mg/L	TTHM	07/01/2019 - 09/30/2019
09/17/2019	0.147 mg/L	0.080 mg/L	TTHM	07/01/2019 - 09/30/2019
06/24/2019	0.248 mg/L	0.080 mg/L	TTHM	04/01/2019 - 06/30/2019
06/24/2019	0.197 mg/L	0.080 mg/L	TTHM	04/01/2019 - 06/30/2019
03/26/2019	0.188 mg/L	0.080 mg/L	TTHM	01/01/2019 - 03/31/2019
03/26/2019	0.239 mg/L	0.080 mg/L	TTHM	01/01/2019 - 03/31/2019
12/14/2018	0.216 mg/L	0.080 mg/L	TTHM	10/01/2018 - 12/31/2018
12/14/2018	0.174 mg/L	0.080 mg/L	TTHM	10/01/2018 - 12/31/2018

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7246 or by email at Rory.Dobbs@LA.Gov.

Respectfully,

Rory Dobbs,
Engineer Intern II

cc: Amanda Ames, P. E., Chief Engineer, LDH/OPH Engineering

Attachments:



Attachment 1: Well #1 discharge piping and electrical box.



Attachment 2: Well #2 discharge piping, open conduit, and open pipe.



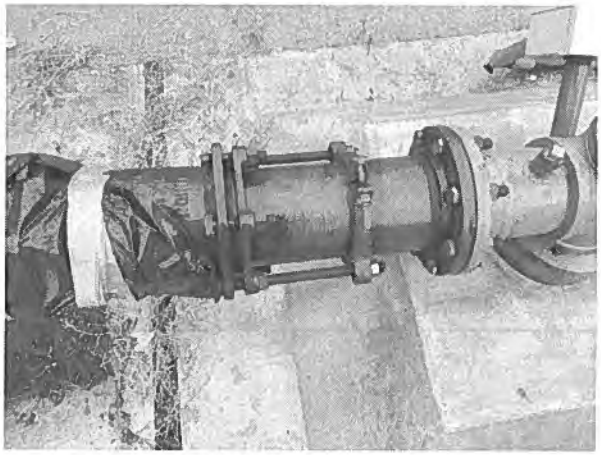
Attachment 3: Well #5 electrical box.



Attachment 4: Stand Pipe #2 overflow screen.



Attachment 5: Well #5 air relief valve not screened and doesn't discharge downward.



Attachment 6: Well #5 rusty discharge piping.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2491 1723 – Return Receipt Requested

June 28, 2019

Tommy Ormond
West Sterlington Water System
P O Box 692
Sterlington, LA 71280

Re: Class I Sanitary Survey
West Sterlington Water System
PWS ID LA1111017
Union Parish

Dear Mr. Ormond:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 19, 2019 sanitary survey inspection of the public water supply system for West Sterlington Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH/OPH Engineering Region VIII
Linda Garris	West Sterlington Water System
David Garris	West Sterlington Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations: No unresolved observations were recorded in this category.

Significant Deficiencies

Facility	Category	Findings
Management	Security	The security fence around Well #2 is not tall enough to prevent unauthorized access. Water system facilities must be located inside of a continuous, climb-resistant fence that is at least six feet in height. Please submit labeled photographic documentation of completed modifications. See attachment #1.
Facility	Category	Findings
1111017-002 - WELL #2	Source	At the time of inspection, the electrical box connected to Well #2 was not properly sealed. Please seal the electrical box to prevent a pathway for contamination.

Deficiencies

Facility	Category	Findings
Management	Other	At the time of inspection, the fencing around Elevated Storage Tank #2 had a noticeable gap near the bottom. Please fill this in to prevent unauthorized access to the water system's facilities.
Facility	Category	Findings
1111017-002 - WELL #2	Source	At the time of inspection, the air relief valve on Well #2 was showing signs of rust and flaky paint, the rest of the well was covered in insulation. Please clean and repaint Well #2 to resist further corrosion and deterioration that could lead to a potential source of contamination. See attachment #1.
Facility	Category	Findings
1111017-001 - WELL #1	Source	At the time of inspection, the well vent on Well #1 was not screened or pointing downwards. The well must be equipped with a downturned casing vent with appropriate non-corrodible 24 mesh screening, and a minimum of height of 12 inches above grade or floor. See attachment #2.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1803905-001	Routine	7/9/2018		0.980	0.110

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
05/15/2019	0.171 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
05/15/2019	0.158 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
01/29/2019	172 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
01/29/2019	155 UG/L	80 UG/L	TTHM	01/01/2019 - 03/31/2019

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
912	08/03/2018	Inadequate Min Chlorine Residual (GW&SW)	07/01/2018 - 07/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me via phone at 318-361-7246 or via email at Rory.Dobbs@LA.Gov.

Respectfully,

Rory Dobbs

Rory Dobbs,
Engineer Intern I

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments:



Attachment #1: Well #2 security fence and air relief valve.



Attachment #2: Well #1 casing vent.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 2290 0000 3310 9650 – Return Receipt Requested

January 22, 2019

Mr. Conner Garlington
Randolph Water System
P.O. Box 336
Junction City, AR 71749

Re: Class I Sanitary Survey
Randolph Water System
PWS ID LA1111018
Union Parish

Dear Mr. Garlington:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 15, 2019 sanitary survey inspection of the public water supply system for Randolph Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH-OPH Engineering Region 8
Charles W. Wilson	Randolph Water System
Helen Wilson	Randolph Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was discovered that the water system was not documenting monthly chlorine residuals for their ACR site. Chlorine residuals must be monitored daily at the water production (POE) site. A critical point (MRT), the location in the water system furthest from treatment, must be monitored daily. An additional chlorine residual check must be made monthly at the ACR site. These points were established for the water system during the submittal of the Monitoring Plan on the Monitoring Portal website. A free chlorine residual of 0.5 mg/L is required at all times and at all locations tested. Please start measuring and recording the residuals at the locations described using a digital chlorine analyzer. Residuals must also be recorded on signed and dated "LDH Approved Chlorine Residual Forms". Please send the next three months of properly recorded Chlorine forms to the Region 8 Office at: 1650 DeSiard Street, 2nd Floor, Monroe, LA 71201 or by email to Rory.Dobbs@la.gov.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, the system did not have the means to calibrate their chlorine test equipment. Chlorine meters should be calibrated periodically according to manufacturer's recommendations to ensure the accuracy of the chlorine readings. Please acquire a calibration kit and calibrate the chlorine meter according to the manufacturer's recommended procedure and frequency.
FACILITY	CATEGORY	FINDINGS
1111018-001 - WELL #1	Source	The pressure gauge for Well #1 is broken. The well discharge piping must be equipped with a working pressure gauge.
FACILITY	CATEGORY	FINDINGS
1111018-002 - WELL #2	Source	The pressure gauge for Well #2 is broken. The well discharge piping must be equipped with a working pressure gauge.
FACILITY	CATEGORY	FINDINGS
1111018-001 - WELL #1	Source	The well's outer casing and casing vent piping are showing signs of rust, corrosion, and flaky painting. The well's outer casing and casing vent piping must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.

FACILITY	CATEGORY	FINDINGS
1111018-002 - WELL #2	Source	The well's outer casing and casing vent piping are showing signs of rust, corrosion, and flaky painting. The well's outer casing and casing vent piping must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
11/05/2018	101 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
11/05/2018	96 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
08/16/2018	89 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
08/16/2018	92 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
04/30/2018	102 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
04/30/2018	90 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
02/20/2018	99 UG/L	80 UG/L	TTHM	01/01/2018 - 03/31/2018
02/20/2018	98 UG/L	80 UG/L	TTHM	01/01/2018 - 03/31/2018

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (318)-361-7246.

Respectfully,

Rory Dobbs

Rory Dobbs,
Engineer Intern I

cc: Amanda Ames, P. E., Chief Engineer, LDH/OPH Engineering Services

Attachments



A.1: Well #1
Severity: Minor
Category: Source



A.2: Well #2
Severity: Minor
Category: Source

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2497 7736 – Return Receipt Requested

August 1, 2019

Lori Withers
Tri-Water System
P.O. Box 571
Farmerville, LA 71241

Re: Class I Sanitary Survey
Tri-Water System
PWS ID LA1111020
Union Parish

Dear Mrs. Withers:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 25, 2019 sanitary survey inspection of the public water supply system for Tri-Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH/OPH Engineering Region VIII
Nathan Wilson	Tri-Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/13/2017	04/13/2017	Formal Enforcement	Minor	Finished Water Storage	EL002-Truxno Stand Pipe
Comments: At the time of the inspection it was noted the paint on the outside of the stand pipe at the Truxno well had rust spots on the tank. Have a tank painter evaluate the tank and take appropriate action.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/13/2017	04/13/2017	Formal Enforcement	Minor	Source	1111020-001-Dean Well
Comments: Rust is occurring at the upper well terminal. Scrape and paint the upper well terminal at the Dean well site.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/13/2017	04/13/2017	Formal Enforcement	Minor	Source	1111020-003-Oakland Well #1
Comments: Rust is occurring at the upper well terminal. Scrape and paint the upper well terminal at the Oakland well site on LA 551.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/13/2017	04/13/2017	Formal Enforcement	Minor	Source	1111020-003-Oakland Well #1
Comments: At the time of the inspection, the well vent was not facing downward. Adjust the well vent to face downward.					

Significant Deficiencies

Facility	Category	Findings
Management	System Management and Operation	At the time of inspection, it was discovered that all of the chlorine buildings on the water system were constructed without a permit from LDH. Please submit to this office signed, stamped, and dated As-Built plans and specifications from a Louisiana licensed professional engineer for review and approval by LDH.
Facility	Category	Findings
DS0950 - Distribution System	Distribution System	At the time of inspection, the water system had a cross connection control plan in place, but had not yet fully implemented the plan. Please fully enforce the cross connection control plan and submit backflow device test reports performed by a duly licensed individual to this office.
Facility	Category	Findings
EL003 - Dean Stand Pipe	Finished Water Storage	At the time of inspection, an electrical box connected to the Dean Standpipe was in poor repair and could not be closed. Please replace the electrical box to ensure that no birds, insects, or other contaminants can enter the standpipe. See attachment 1.
Facility	Category	Findings
EL002 - Truxno Stand Pipe	Finished Water Storage	At the time of inspection, an electrical box connected to the Truxno Standpipe was in poor repair and lacked a cover. Please replace the electrical box to ensure that no birds, insects, or other contaminants can enter the standpipe. See attachment 2.
Facility	Category	Findings
1111020-001 - Dean Well	Source	At the time of inspection, the Dean Well lacked proper screening on both the well vent and air relief valve piping. Please install a twenty-four mesh, non-corrodible screen on both the well vent and air relief valve piping to remove possible pathways for contamination. See attachments 3 & 4.
Facility	Category	Findings

1111020-003 & 004 - Oakland Well #1 & #2	Source	At the time of inspection, the electrical boxes connected to Oakland Well #1 and #2 were not properly sealed. Please seal the electrical boxes to remove these pathways for contamination. See attachment 5.

Deficiencies

Facility	Category	Findings
EL003 - Dean Stand Pipe	Finished Water Storage	At the time of inspection, the Dean Standpipe showed noticeable signs of corrosion. Please have the standpipe cleaned and inspected to ensure that further use of the standpipe is not a risk to public health. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the standpipe's interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of the standpipe could benefit from an inspection. See attachment 1.
Facility	Category	Findings
EL001 & EL002 - Oakland Elevated Tank & Truxno Stand Pipe	Finished Water Storage	At the time of inspection, the overflow on the Oakland Elevated Tank and Truxno Standpipe terminated too high above the ground. All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. The overflow screen for the Oakland Elevated Tank was also broken, please replace the overflow screen. See attachment 6.
Facility	Category	Findings
1111020-001, 002, & 003 – Dean Well, Truxno Well, & Oakland Well #1	Source	At the time of inspection, the Dean Well, the Truxno Well, and Oakland Well #1 showed an apparent leak within their respective check valves. The tap located upstream from the check valve, when opened, discharged water while the well was not on. Please repair the check valve to ensure that treated water is not being discharged back into the raw water source.
Facility	Category	Findings
1111020-002, 003, 004 – Truxno Well, Oakland Well #1, & Oakland Well #2	Source	At the time of inspection, the Truxno Well, Oakland Well #1, and Oakland Well #2 did not have a working pressure gauge. All wells must be equipped with a working pressure gauge.
Facility	Category	Findings
1111020-004 - Oakland Well #2	Source	At the time of inspection, Oakland Well #2 was equipped with a sample tap, but the tap did not have a handle to open or close the tap. A working sample tap must be provided upstream of the check valve.
Facility	Category	Findings
1111020-002, 004 – Truxno Well, & Oakland Well #2	Source	At the time of inspection, the Truxno Well and Oakland Well #1 showed noticeable signs of corrosion. Please clean and paint the well casing and discharge piping to resist further corrosion that could lead to a potential source of contamination. See attachments 7 & 8.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and

include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
06/24/2019	0.160 mg/L	0.080 mg/L	TTHM	04/01/2019 - 06/30/2019
03/26/2019	0.142 mg/L	0.080 mg/L	TTHM	01/01/2019 - 03/31/2019
12/18/2018	0.129 mg/L	0.080 mg/L	TTHM	10/01/2018 - 12/31/2018
09/14/2018	126 µg/L	80 µg/L	TTHM	07/01/2018 - 09/30/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
8008254	07/24/2019	Inadequate Min Chlorine Residual (GW&SW)	07/01/2019 - 07/31/2019

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7246 or at Rory.Dobbs@LA.Gov.

Respectfully,

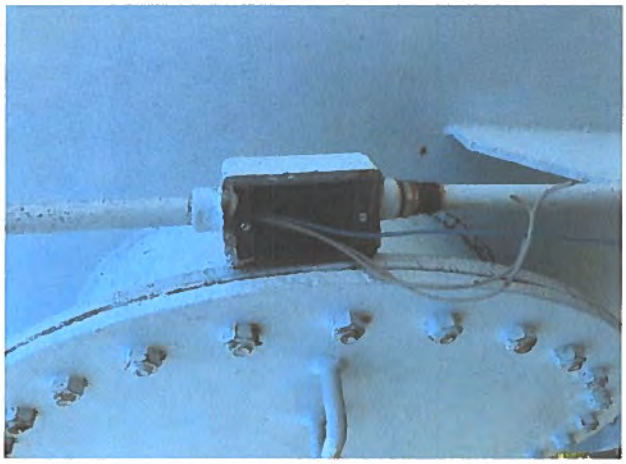
Rory Dobbs,
Engineer Intern I

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments:



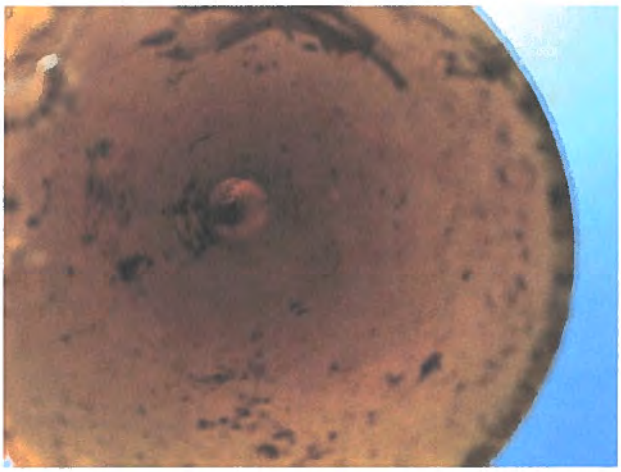
Attachment 1: Dean Standpipe electrical box and noticeable deterioration.



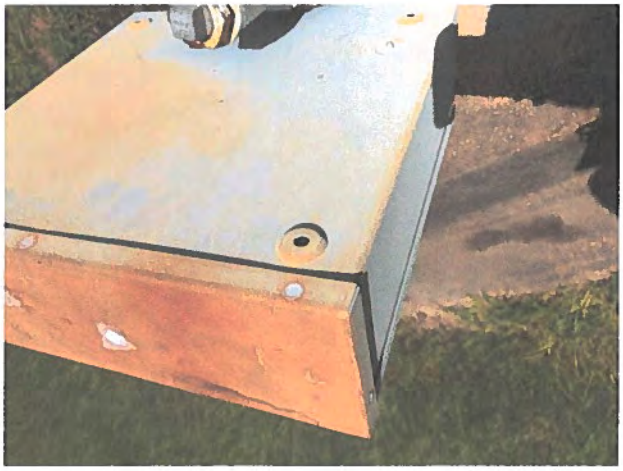
Attachment 2: Truxno Standpipe electrical box.



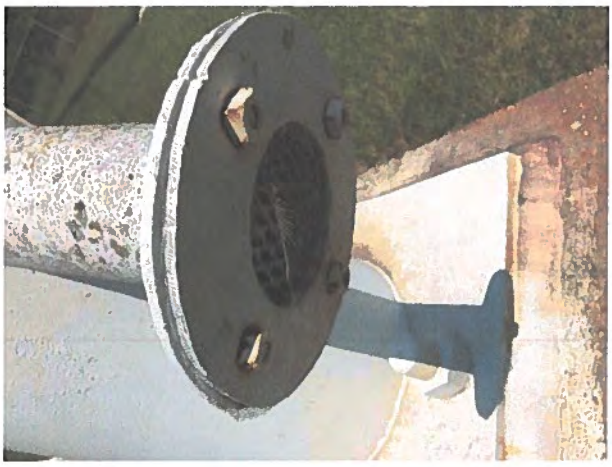
Attachment 3: Dean Well vent torn screen.



Attachment 4: Dean Well air relief valve piping not screened.



Attachment 5: Oakland Well #1 electrical box not sealed.



Attachment 6: Oakland Elevated Tank overflow terminates too high above ground & damaged screen.



Attachment 7: Truxno Well rusty well casing and discharge piping.



Attachment 8: Oakland Well #1 rusty well casing and discharge piping.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 0680 0001 2497 7729 – Return Receipt Requested

August 2, 2019

Minor Patton
D'Arbonne Water System South
P.O. Box 606
Bernice, LA 71222

Re: Class I Sanitary Survey
D'Arbonne Water System South
PWS ID LA1111023
Union Parish

Dear Mr. Patton:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 25, 2019 sanitary survey inspection of the public water supply system for D'Arbonne Water System South. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH/OPH Engineering Region VIII
Nathan Wilson	Tri-Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/11/2017	09/11/2017	Formal Enforcement	Minor	Finished Water Storage	EL002-Elevated Tank (Mount Tabor)
Comments: The date of the last interior inspection, cleaning, and repairs was unknown at the time of the survey. The water system must have the interior of the tank cleaned and inspected, and if needed, repaired to prevent deterioration of the metal.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/11/2017	09/11/2017	Formal Enforcement	Minor	Finished Water Storage	EL003-Elevated Tank (St. John Site)
Comments: The date of the last interior inspection, cleaning, and repairs was unknown at the time of the survey. The water system must have the interior of the tank cleaned and inspected, and if needed, repaired to prevent deterioration of the metal.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/11/2017	09/11/2017	Formal Enforcement	Minor	Finished Water Storage	ST001-Standpipe (Welden Site)
Comments: The date of the last interior inspection, cleaning, and repairs was unknown at the time of the survey. The water system must have the interior of the tank cleaned and inspected, and if needed, repaired to prevent deterioration of the metal.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

Facility	Category	Findings
ST001 - Standpipe (Weldon Site)	Finished Water Storage	At the time of inspection, the overflow on Weldon Standpipe terminated too high above the ground. All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. See attachment 1.
Facility	Category	Findings
TP002 & TP003 - Well #1 & #5 St. John Hill and Weldon	Treatment	At the time of inspection, the chlorine vent lines at the St. John Hill and Weldon sites were not properly screened. Please screen these lines to prevent the entrance of small insects or other forms of contamination. See attachment 2.
Facility	Category	Findings
1111023-001 & 003 - Well #2 & #5 Mount Tabor and Weldon Wells	Source	At the time of inspection, the Mount Tabor and Weldon Wells showed apparent leaks within their respective check valves. The tap located upstream from the check valve, when opened, discharged water while the well was not on. Please repair the check valve to ensure that treated water is not being discharged back into the raw water source.
Facility	Category	Findings
1111023-001 - Well #2 (Mount Tabor)	Source	At the time of inspection, the Mount Tabor Well was lacking a working pressure gauge. The wells discharge piping must be equipped with a working pressure gauge.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this

letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

Facility	Category	Findings
TP001 - Well #2 & Well #5 Mount Tabor & Weldon	Treatment	At the time of inspection, the door for the chlorine room at the Mount Tabor and Weldon sites did not have an inspection window. A shatter resistant inspection window is recommended, where chlorine gas is fed.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1806356-003	Routine	11/7/2018		0.780	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
06/24/2019	0.160 mg/L	0.080 mg/L	TTHM	04/01/2019 - 06/30/2019
06/24/2019	0.136 mg/L	0.080 mg/L	TTHM	04/01/2019 - 06/30/2019
03/26/2019	0.165 mg/L	0.080 mg/L	TTHM	01/01/2019 - 03/31/2019
03/26/2019	0.138 mg/L	0.080 mg/L	TTHM	01/01/2019 - 03/31/2019
12/18/2018	0.140 mg/L	0.080 mg/L	TTHM	10/01/2018 - 12/31/2018
12/18/2018	0.187 mg/L	0.080 mg/L	TTHM	10/01/2018 - 12/31/2018
12/18/2018	0.114 mg/L	0.080 mg/L	TTHM	10/01/2018 - 12/31/2018
09/14/2018	207 µg/L	80 µg/L	TTHM	07/01/2018 - 09/30/2018
09/14/2018	149 µg/L	80 µg/L	TTHM	07/01/2018 - 09/30/2018

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7246 or by email at Rory.Dobbs@LA.Gov.

Respectfully,

Rory Dobbs,
Engineer Intern I

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments:



Attachment 1: Weldon Standpipe Overflow



Attachment 2: Chlorine Injector Vent

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 2290 0000 3310 9704 – Return Receipt Requested

January 29, 2019

Mr. Minor Patton
D'Arbonne Water System North
P.O. Box 606
Bernice, LA 71222

Re: Class I Sanitary Survey
D'Arbonne Water System North
PWS ID LA1111024
Union Parish

Dear Mr. Patton:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 24, 2019 sanitary survey inspection of the public water supply system for D'Arbonne Water System North. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rory Dobbs	LDH-OPH Engineering Region VIII
Stephen K Ray	LDH-OPH Engineering Region VIII
Nathan Wilson	D'Arbonne Water System North

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1111024-006 - OLD BEULAH WELL	Source	At the time of inspection, a very large hole was present adjacent to the old Beulah well slab. Please fill in the hole to prevent water from accumulating around the well casing. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. See attachment A.1.
FACILITY	CATEGORY	FINDINGS
1111024-005 - WELL #8 (NEW TAYLORTOWN)	Source	At the time of inspection, the check valve arm showed signs of leaking. There shall be no pathway for contamination into the well casing and/or discharge piping. See attachment A.2.
FACILITY	CATEGORY	FINDINGS
1111024-002 - WELL #4 (OLD TAYLORTOWN)	Source	At the time of inspection, the electrical conduit connecting to the old Taylortown well was not properly sealed. There shall be no pathway for contamination into the well casing and/or discharge piping. See attachment A.3.
FACILITY	CATEGORY	FINDINGS
1111024-003 - WELL #3 (BEULAH CHURCH)	Source	The Beulah Church well is not equipped with an approved sample tap. An approved sample tap must be located upstream of the well discharge line check valve. The sample tap must be the smooth nozzle type. The area under and around the tap must accommodate sample containers which could be as large as a one gallon plastic milk jug without having to tilt the container to place under and remove from under the tap. See attachment A.4.
FACILITY	CATEGORY	FINDINGS
1111024-001 - WELL #6 (SPEARSVILLE)	Source	The Spearsville well is not equipped with an approved sample tap. An approved sample tap must be located upstream of the well discharge line check valve. The sample tap must be the smooth nozzle type. The area under and around the tap must accommodate sample containers which could be as large as a one gallon plastic milk jug without having to tilt the container to place under and remove from under the tap. See attachment A.5.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, the system had a Hach DPD Chlorine Low Range Secondary Standards kit. Chlorine meters should be validated periodically according to manufacturer's recommendations to ensure the accuracy of the chlorine readings. Please acquire a standards kit for high range readings and validate the chlorine meter according to the manufacturer's recommended procedure and frequency.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED (BEULAH)	Finished Water Storage	The overflow for the Beulah elevated tank does not discharge over a sufficiently sized splash plate or drainage inlet structure. The discharge must discharge over a splash plate or drainage inlet structure to prevent erosion around the foundation of the tower that could comprise the structural integrity of the tower.
FACILITY	CATEGORY	FINDINGS
EL004 - STANDPIPE (SPEARSVILLE)	Finished Water Storage	The overflow for the Spearsville Standpipe does not discharge over a sufficiently sized splash plate or drainage inlet structure. The discharge must discharge over a splash plate or drainage inlet structure to prevent erosion around the foundation of the tower that could comprise the structural integrity of the tower. See attachment A.6.
FACILITY	CATEGORY	FINDINGS
TP004 - WELL #7, SPEARSVILLE FIRE TWR	Treatment	At the time of the inspection, the vent from the chlorine room was not screened. Vents from chlorinator and storage areas must be screened and discharge to the outside atmosphere, above grade.
FACILITY	CATEGORY	FINDINGS
1111024-001 - WELL #6 (SPEARSVILLE)	Source	At the time of inspection the pressure gauge for the Spearsville Well was broken. The wells discharge piping must be equipped with a working pressure gauge.
FACILITY	CATEGORY	FINDINGS
1111024-003 - WELL #3 (BEULAH CHURCH)	Source	At the time of inspection, some of the piping on the Beulah Church well was not painted and showed noticeable signs of corrosion. The discharge piping shall be protected against the entrance of contamination. See Attachment A.4.
FACILITY	CATEGORY	FINDINGS
1111024-003 - WELL #3 (BEULAH CHURCH)	Source	At the time of inspection, the check valve arm did not seem to be functioning properly. The well must be equipped with a working check valve. See attachment A.4
FACILITY	CATEGORY	FINDINGS
1111024-002 - WELL #4 (OLD TAYLORTOWN)	Source	At the time of inspection, the pressure gauge on the old Taylortown well was broken. The wells discharge piping must be equipped with a working pressure gauge.
FACILITY	CATEGORY	FINDINGS
1111024-005 - WELL #8 (NEW TAYLORTOWN)	Source	At the time of inspection, the supports for the New Taylortown well's discharge piping showed significant signs of corrosion. The discharge piping shall be properly anchored

		to prevent movement, and be properly supported to prevent excessive bending forces. See attachment A.7.
FACILITY	CATEGORY	FINDINGS
1111024-005 - WELL #8 (NEW TAYLORTOWN)	Source	At the time of inspection, the threads on the sample tap assembly for the new Taylortown well were showing signs of corrosion. The discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage. See attachment A.8.
FACILITY	CATEGORY	FINDINGS
1111024-004 - WELL #7, SPEARSVILLE FIRE TWR	Source	At the time of inspection, the well vent for the fire tower well did not terminate downward and was not screened. All vent openings shall be piped water tight to a point not less than 24 inches above the 100-year flood elevation, but in no case less than 24 inches above the ground surface, and the openings of the vent pipes shall face downward and shall be screened to prevent the entrance of foreign matter. See attachment A.9.
FACILITY	CATEGORY	FINDINGS
1111024-003 - WELL #3 (BEULAH CHURCH)	Source	At the time of inspection, the well vent on the Beulah Church well did not extend 24 inches above the well slab and was not facing downward or screened. All vent openings shall be piped water tight to a point not less than 24 inches above the 100-year flood elevation, but in no case less than 24 inches above the ground surface, and the openings of the vent pipes shall face downward and shall be screened to prevent the entrance of foreign matter. See attachment A.10.
FACILITY	CATEGORY	FINDINGS
TP001 - WELL #6 (SPEARSVILLE)	Treatment	The chlorine feed room is not equipped with an inspection window. A shatter resistant inspection window is required, where chlorine gas is fed.
FACILITY	CATEGORY	FINDINGS
1111024-006 - OLD BEAULAH WELL	Source	At the time of inspection, the sample tap on the old Beulah well did not terminate downwards. All potable water supply wells shall be provided with a readily accessible faucet or tap on the well discharge line at the well for the collection of water samples. The faucet or tap shall be of the smooth nozzle type, shall be upstream of the well discharge line check valve and shall terminate in a downward direction.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to

this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Rory Dobbs,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
12/18/2018	100 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
12/18/2018	102 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
09/21/2018	101 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
09/21/2018	102 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
07/27/2018	128 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
04/27/2018	124 UG/L	80 UG/L	TTHM	01/01/2018 - 03/31/2018
01/31/2018	129 UG/L	80 UG/L	TTHM	10/01/2017 - 12/31/2017

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (318)-361-7246.

Respectfully,

Rory Dobbs

Rory Dobbs, E.I.,
Engineer Intern I

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments:



A.1. Old Beulah Well
Severity: Significant
Category: Source



A.2. New Taylortown Well (Well #8)
Severity: Significant
Category: Source



A.3. Old Taylortown Well (Well #4)
Severity: Significant
Category: Source



A.4. Beulah Church Well (Well #3)
Severity: Significant, Minor
Category: Source



A.5. Spearsville Well (Well #6)
Severity: Significant
Category: Source



A.6. Spearsville Standpipe (EL004)
Severity: Minor
Category: Finished Water Storage



A.7. New Taylortown Well (Well #8) Support Leg
Severity: Minor
Category: Source



A.8. New Taylortown Well (Well #8) Sample Tap
Severity: Minor
Category: Source



A.9. Spearsville Fire Tower Well (Well #7) Well Vent
Severity: Minor
Category: Source



A.10. Beulah Church Well (Well #3) Well Vent
Severity: Minor
Category: Source

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7007 2560 0003 2846 3382

July 19, 2019

Mark Piazza
City of Abbeville Water System
101 North State Street
Abbeville, LA 70510

Re: Class I Sanitary Survey
City of Abbeville Water System
PWS ID#: LA1113001
VERMILION Parish

Dear Mr. Piazza:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 27, 2019 sanitary survey inspection of the public water supply system for CITY of ABBEVILLE WATER SYSTEM. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Brent Bouy	LDH/OPH Region IV Engineering
Marie Buteaux	City Of Abbeville
Roger Fontenot	City Of Abbeville

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The water system is making good progress with making sure new customers comply with their Cross Connection Control Program (CCCP) and that testable backflow prevention devices are being tested annually. Existing customers need to be assessed for proper backflow prevention devices. The water system shall have a procedure for addressing existing customers that do not currently have the required protection device. The water system shall have provision in their CCCP to disconnect or refuse to connect customers that fail to comply with mandatory containment practices or fail to provide or allow adequate confirmation of such compliance, per Title 51: Chapter 3: Section 344.C. Please feel free to call this office to discuss the required protection for any customer on the water system.
FACILITY	**CATEGORY**	**FINDINGS**
1113001-005 - WELL #6	Source	During the survey, there was one (1) leak observed at Well #6. There is a small leak at the joints of the Tee fitting at Well #6. Water systems that provide potable water to customers must prevent leakage within system facilities by keeping equipment properly maintained at all times. It is imperative that this leak be repaired immediately with minimum interruption of service to customers. **See Attachment #4**

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL002 - ELEVATED TOWER #2	Finished Water Storage	The existing screen for the elevated tower overflow pipe is damaged. The overflow piping must be screened with a four mesh, non-corrodible screen. Replace the damaged screen with a new four mesh, non-corrodible screen to provide protection at all times. **See Attachment #3**
FACILITY	**CATEGORY**	**FINDINGS**
GR004 - GROUND STORAGE TANK	Finished Water Storage	The screen for the ground storage tank overflow pipe is not adequate. The overflow pipe for the ground storage tank must be screened with twenty-four mesh, non-corrodible screen. Install a twenty-four mesh, non-corrodible screen on the ground storage tank overflow pipe to provide sanitary protection at all times. **See Attachment #2**
FACILITY	**CATEGORY**	**FINDINGS**
1113001-004 - WELL #5	Source	The well is equipped with a check valve and pressure gauge that appears to be malfunctioning. The well must be equipped with a working check valve and pressure gauge.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT -SINK UPSTAIRS	Treatment	The lid for the chemical feed tank is damaged. Chemical solution tanks must be kept covered. Replace the damaged lid on the chemical feed tank to prevent possible contamination from other sources. **See Attachment #1**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Brent Bouy, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5316.

Respectfully,

Brent Bouy, P.E.
Region IV Engineer

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering

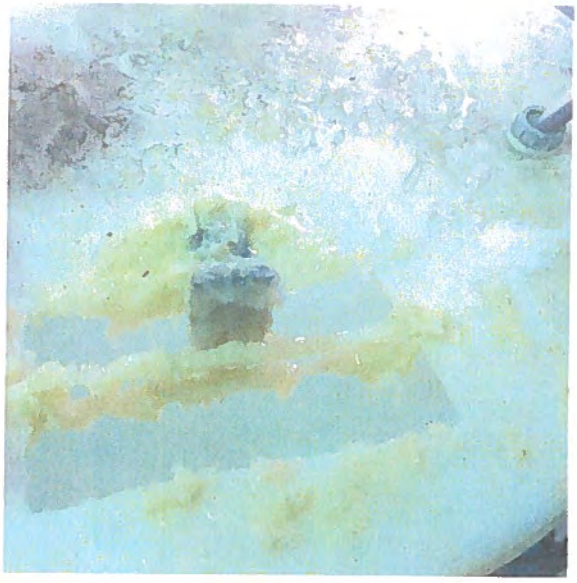
John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

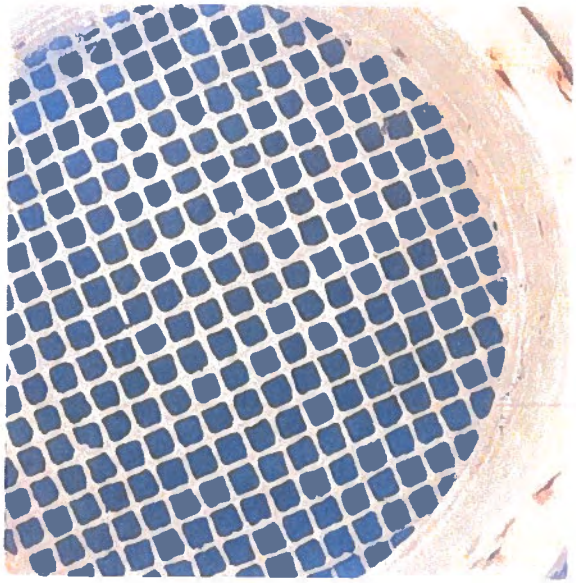
State of Louisiana

Department of Health
Office of Public Health

Attachments



Attachment #1
Facility ID: TREATMENT PLANT -SINK UPSTAIRS
Category: Treatment



Attachment #2
Facility ID: GROUND STORAGE TANK
Category: Finished Water Storage

Office of Public Health ▪ Acadian Region 4 ▪ Engineering Services
825 Kaliste Saloom Road ▪ Brandywine 3 ▪ Suite 100 ▪ Lafayette, LA 70508
Office: (337) 262-5311 ▪ Fax: (337) 262-5638 ▪ www.ldh.la.gov
"An Equal Opportunity Employer"



Attachment #3
Facility ID: ELEVATED TOWER #2
Category: Finished Water Storage



Attachment #4
Facility ID: WELL #6
Category: Source

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7007 2560 0003 2846 3627

November 14, 2019

Pam Blakely
Town of Delcambre Water System
107 N Railroad
Delcambre, LA 70528

Re: Class I Sanitary Survey
Town of Delcambre Water System
PWS ID #: LA1113004
Vermilion Parish

Dear Mayor Blakely:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 30, 2019 sanitary survey inspection of the public water supply system for Town of Delcambre Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Brent Bouy	LDH/OPH Region IV Engineering
Carol Broussard	Town Of Delcambre
Dillan Crawford	LDH/OPH Region IV Engineering
Kristen Hungerford	LDH/OPH Region IV Engineering
Homer Stelly	Town Of Delcambre

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/08/2018	03/08/2018	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GROUND STORAGE TANK #1
Comments: The level gauge for the ground storage tank is broken. The level gauge shall be repaired and brought back to working order, unless the water system implements another way of monitoring the water level in this structure.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
03/08/2018	03/08/2018	Sanitary Survey, Finished	Minor	Finished Water Storage	GR002-GROUND STORAGE TANK #2
Comments: The level gauge for the ground storage tank is broken. The level gauge shall be repaired and brought back to working order, unless the water system implements another way of monitoring the water level in this structure.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
03/08/2018	03/08/2018	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: Bacteriological test and chemical test results reports from the laboratory shall be kept on file and retained for not less than ten (10) years. During the sanitary survey, the test results were not available for review. All such records shall be made available for review during inspections and sanitary surveys of the public water system performed by LDH. **UPDATE:** Bacteriological test results were presented during the 10/30/2019 survey, but the Chemical Test Results Reports were not.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TOWER	Finished Water Storage	The overflow pipe for the elevated tower is not screened. The overflow pipe must be screened with a non-corrodible, four mesh screen and securely installed to provide protection at all times. **See Attachment #2**

FACILITY	CATEGORY	FINDINGS
1113004-003 - WELL #5	Source	The air release-vacuum relief valve is not equipped with piping in the proper orientation. The air release-vacuum relief valve must be equipped with exhaust/relief piping terminating in a down-turned position at least 18 inches above the floor and covered with a 24 mesh corrosion resistant screen. **See Attachment #1**
FACILITY	**CATEGORY**	**FINDINGS**
1113004-002 - WELL #3	Source	The well is equipped with a check valve that appears to be malfunctioning. The well must be equipped with a working check valve.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Brent Bouy, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5316.

Respectfully,

Brent Bouy, P.E.
Region IV Engineer

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

Attachments



Attachment #1
Facility ID: WELL #5
Category: Source



Attachment #2
Facility ID: ELEVATED TOWER
Category: Finished Water Storage

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7007 2560 0003 2846 3610

November 14, 2019

Taylor Mencacci
Town of Erath Water System
115 West Edwards
Erath, LA 70533

Re: Class I Sanitary Survey
Town of Erath Water System
PWS ID #: LA1113005
Vermilion Parish

Dear Mayor Mencacci:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 30, 2019 sanitary survey inspection of the public water supply system for Town of Erath Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Brent Bouy	LDH/OPH Region IV Engineering
Dillan Crawford	LDH/OPH Region IV Engineering
Jesse Frederick	Town Of Erath
Kristen Hungerford	LDH/OPH Region IV Engineering

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/08/2018	03/08/2018	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: Bacteriological test and chemical test results reports from the laboratory shall be kept on file and retained for not less than ten (10) years. During the sanitary survey, some test results were not available for review. All such records shall be made available for review during inspections and sanitary surveys of the public water system performed by LDH. **UPDATE:** Bacteriological test results were presented during the 10/30/2019 survey, but the Chemical Test Results Reports were not.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TOWER	Finished Water Storage	The existing screen for the elevated tower overflow pipe is damaged. The overflow piping must be screened with a non-corrodible, four mesh screen. Replace the damaged screen with a new non-corrodible, four mesh screen to provide protection at all times. **See Attachment #1**
FACILITY	**CATEGORY**	**FINDINGS**
GR001 - GROUND STORAGE #1	Finished Water Storage	The screen for the ground storage overflow pipe is damaged. The overflow pipe must be screened with a non-corrodible, 24 mesh screen. Replace the damaged screen to provide sanitary protection at all times. **See Attachment #2**
FACILITY	**CATEGORY**	**FINDINGS**
GR002 - GROUND STORAGE #2	Finished Water Storage	The screen for the ground storage overflow pipe is damaged. The overflow pipe must be screened with a non-corrodible, 24 mesh screen. Replace the damaged screen to provide sanitary protection at all times. **See Attachment #3**
FACILITY	**CATEGORY**	**FINDINGS**
1113005-003 - WELL #5	Source	The well is equipped with a check valve that appears to be malfunctioning. The well must be equipped with a working check valve.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Acadian Region IV
Attn: Brent Bouy, P.E.
825 Kaliste Saloom Road
Brandywine 3, Suite 100
Lafayette, LA 70508

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation No.	Violation Date	Violation Type	Compliance Period
4006416	10/10/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	10/01/2019 - 10/31/2019

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5316.

Respectfully,

Brent Bouy, P.E.
Region IV Engineer

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering

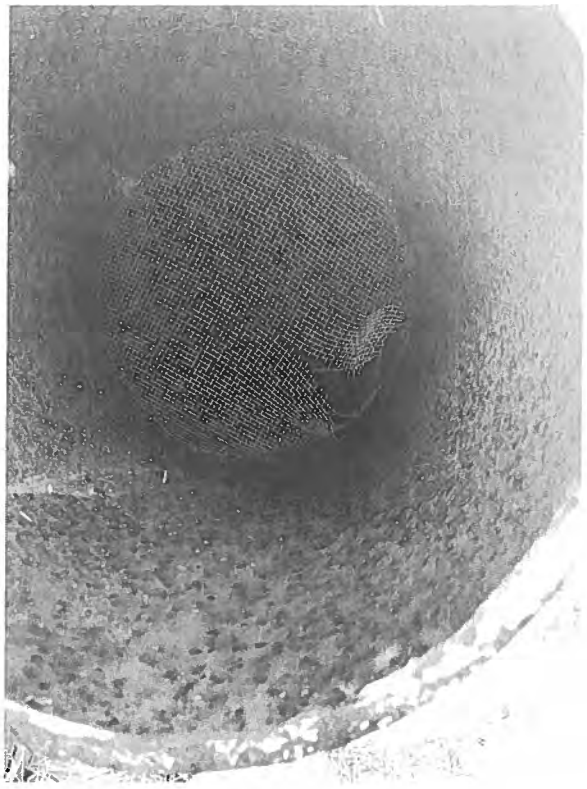
John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

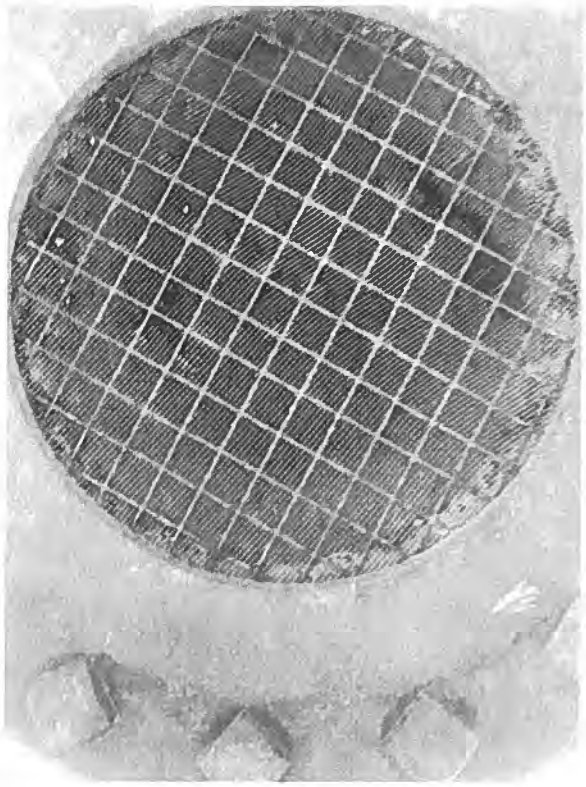
State of Louisiana

Department of Health
Office of Public Health

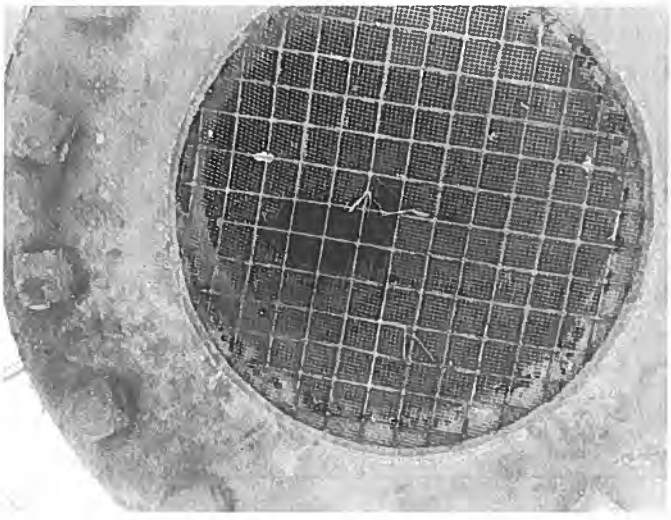
Attachments



Attachment #1
Facility ID: ELEVATED TOWER
Category: Finished Water Storage



Attachment #2
Facility ID: GROUND STORAGE #1
Category: Finished Water Storage



Attachment #3
Facility ID: GROUND STORAGE #2
Category: Finished Water Storage

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 2710 0000 4927 6446

October 11, 2019

Dennis Jordan
City of New Llano
109 Stanton Street
New Llano, LA 71461

Re: Class I Sanitary Survey
New Llano Water Department
PWS ID LA1115022
Vernon Parish

Dear Mayor Jordan:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 8, 2019 sanitary survey inspection of the public water supply system for New Llano Water Department. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
James Monroe	LDH OPH Engineering Services
Robert Adkins	Town Of New Llano Water System
Donna Condon	Town Of New Llano Water System
Kim L. Pollock	Town Of New Llano Public Works

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Operator Compliance with State Requirements	The water system is not under the control and supervision of a duly certified operator. The water system, per population and system design at the time of the survey, must be placed under the supervision and control of a certified operator holding at least level 2 certifications in the categories of Water Production, Water Treatment and Water Distribution. The operator certification office can be reached by phone at 225-342-7508. The operator certification website is: http://www.dhh.louisiana.gov/index.cfm/page/416
FACILITY	CATEGORY	FINDINGS
Management	Security	Fence at the Stanton Street well had some significant gaps near the bottom of the fence. System shall make necessary corrections to remove these gaps. **See Attachment #1 and #2**
FACILITY	CATEGORY	FINDINGS
GR001 – GST #1 @ 212 Stanton Street	Finished Water Storage	The overflow pipe is not screened properly. The overflow pipe must be screened with 24 mesh non-corrodible screen and installed to provide protection at all times.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was noted that the system did not have the equipment necessary to validate their colorimeter. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	It was noted during the sanitary survey that the water system did not keep a customer complaint log. Effective August 1, 2018, community water systems are required by Act 292 to establish and maintain records of customer complaints. The aspects of the log include time and date of the complaint, location, the name of the customer or user, a brief description, and the corrective actions implemented to resolve the complaint. These records must be maintained by the water system for a minimum of 5 years and must be made available for review by LDH upon request. These records can be vital to identify problem areas in your distribution system. They can also support efforts to seek funding for various issues that may plague the water system.

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The water system is recording routine chlorine residuals for the POE and ACR site locations on unapproved (i.e. outdated) Chlorine Residual Forms. Additionally, some forms were missing site location information (i.e. address and point of collection ID). Routine chlorine residuals and the corresponding site location information must be recorded on signed and dated "LDH Approved Chlorine Residual Forms". Updated forms can be found at: http://new.dhh.louisiana.gov/index.cfm/page/1725. System shall submit chlorine residual forms correctly filled out by the 10th of the month for the previous month for three months or until as long as Regional Engineer feels necessary
FACILITY	CATEGORY	FINDINGS
HD001 – Hydro-pneumatic @ 212 Stanton Street	Finished Water Storage	The tank is not equipped with an operational water site glass. An operational water site glass must be provided.
Facility	CATEGORY	FINDINGS
TP001 - Disinfection @ Well # 2 212 Stanton St	Treatment	The light is currently not operational, either the bulb is burned or there is an electrical issue. The chlorine room must be equipped with a working light.
Facility	CATEGORY	FINDINGS
TP002 - Disinfection @ Well #1 Site Hwy 171	Treatment	The light is currently not operational, either the bulb is burned or there is an electrical issue. The chlorine room must be equipped with a working light.
Facility	CATEGORY	FINDINGS
TP001 - Disinfection @ Well # 2 212 Stanton St	Treatment	The ventilating fan is currently not operational. Either the fan is broken or there is an electrical issue. The chlorine room must be equipped with a working ventilating fan.
Facility	CATEGORY	FINDINGS
TP003 – Ortho-phosphate TP @ Hwy 171 Site	Treatment	There is no secondary containment provided for the liquid chemical being used for water treatment. Secondary containment prevents spillage or accidental drainage of chemicals due to equipment and primary containment failure.
FACILITY	CATEGORY	FINDINGS
TP004 - Orthophosphate TP @ 212 Stanton Street	Treatment	There is no secondary containment provided for the liquid chemical being used for water treatment. Secondary containment prevents spillage or accidental drainage of chemicals due to equipment and primary containment failure.
FACILITY	CATEGORY	FINDINGS
1115022-002 - Well #2 - Stanton Street	Source	The air release-vacuum relief valve is not screened and not equipped with relief piping in the proper orientation. The air release-vacuum relief valve is equipped with a mushroom cover that is oriented upside down. System shall make the necessary modifications. **See Attachment #5**
Facility	CATEGORY	FINDINGS
1115022-001 -	Source	The air release-vacuum relief valve is not screened and not equipped

Well #1 - Us Hwy 171 South		with relief piping in the proper orientation. The air release-vacuum relief valve is equipped with a mushroom cover that is oriented upside down. System shall make the necessary modifications. **See Attachment #6**
FACILITY	CATEGORY	FINDINGS
1115022-002 - Well #2 - Stanton Street	Source	The casing vent is not equipped with an appropriate non-corrodible 24 mesh screening, a minimum of height of 12 inches above grade or floor, and a minimum diameter of 1 inch. **See Attachment #4**
Facility	CATEGORY	FINDINGS
1115022-001 - Well #1 - Us Hwy 171 South	Source	The casing vent is not equipped with an appropriate non-corrodible 24 mesh screening, a minimum of height of 12 inches above grade or floor, and a minimum diameter of 1 inch. **See Attachment #3**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: James Monroe,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
6006623	01/03/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	12/01/2018 - 12/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-484-2163.

Respectfully,

James Monroe,
Engineer Manager Region VI
LDH-OPH Engineering

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments

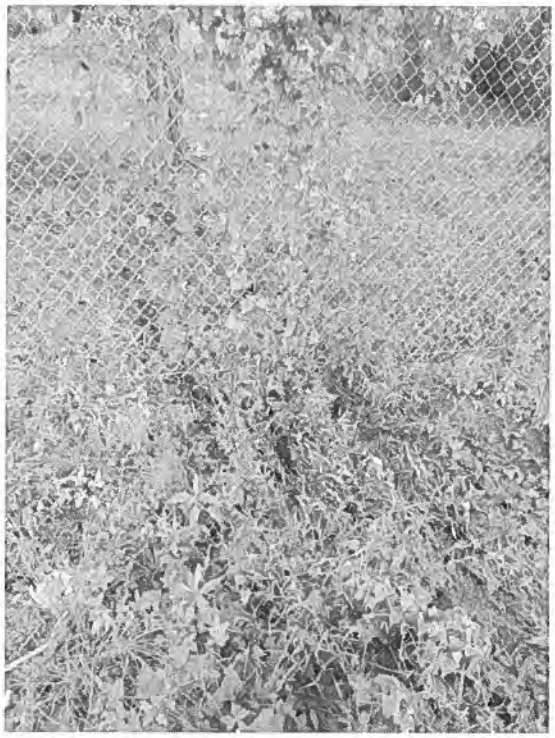


Attachment #1

Severity: Significant

Category: Security

Attachment Comments: Gap at bottom



Attachment #2

Severity: Significant

Category: Security

Attachment Comments: Drainage Ditch Gap



Attachment #3

Severity: Minor

Facility ID: WELL #1 - US HWY 171 SOUTH

Category: Source

Attachment Comments: Not correctly screened



Attachment #4

Severity: Minor

Facility ID: WELL #2 - STANTON STREET

Category: Source

Attachment Comments: Not correctly screened



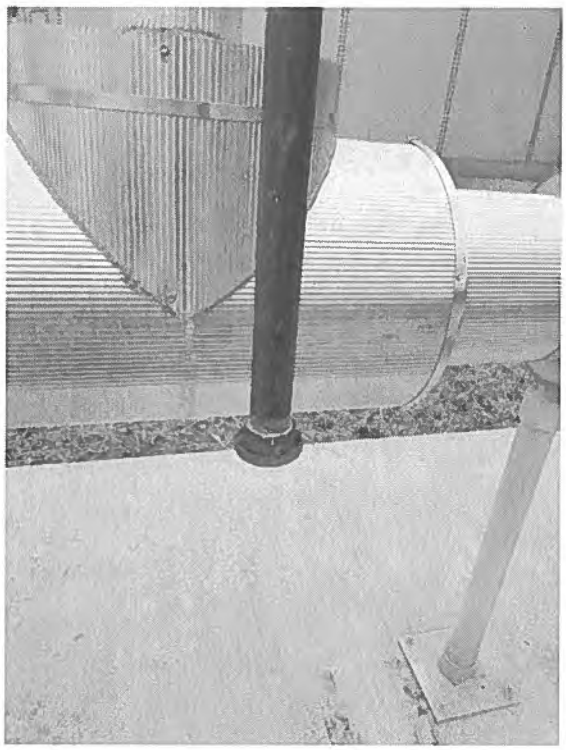
Attachment #5

Severity: Minor

Facility ID: WELL #2 - STANTON STREET

Category: Source

Attachment Comments: Upside Down Mushroom Vent



Attachment #6

Severity: Minor

Facility ID: WELL #1 - US HWY 171 SOUTH

Category: Source

Attachment Comments: Upside Down Mushroom Vent

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 2710 0000 4927 6583

October 31, 2019

Clarence Deters
PITKIN WATER SYSTEM
PO Box 246
Pitkin, LA 70656

Re: Class I Sanitary Survey
PITKIN WATER SYSTEM Public Water System
PWS ID LA1115026
VERNON Parish

Hello Mr. Deters:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 15, 2019 sanitary survey inspection of the public water supply system for PITKIN WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
William Charlot	LDH-OPH Engineering Services
Ellis Yeley	Pitkin Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was noted that the system did not have the equipment necessary to validate their colorimeter. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	EL001: From review the finished water storage facility (Elevated Tower) should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages' interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities could benefit from an inspection. **See Attachment 1.**
FACILITY	CATEGORY	FINDINGS
TP001 - DISINFECTION	Treatment	TP001 DISINFECTION: The light is currently not operational, either the bulb is burned out or there is an electrical issue. The chlorine room must be equipped with a working light. **See Attachment 2.**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: William Charlot,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at .

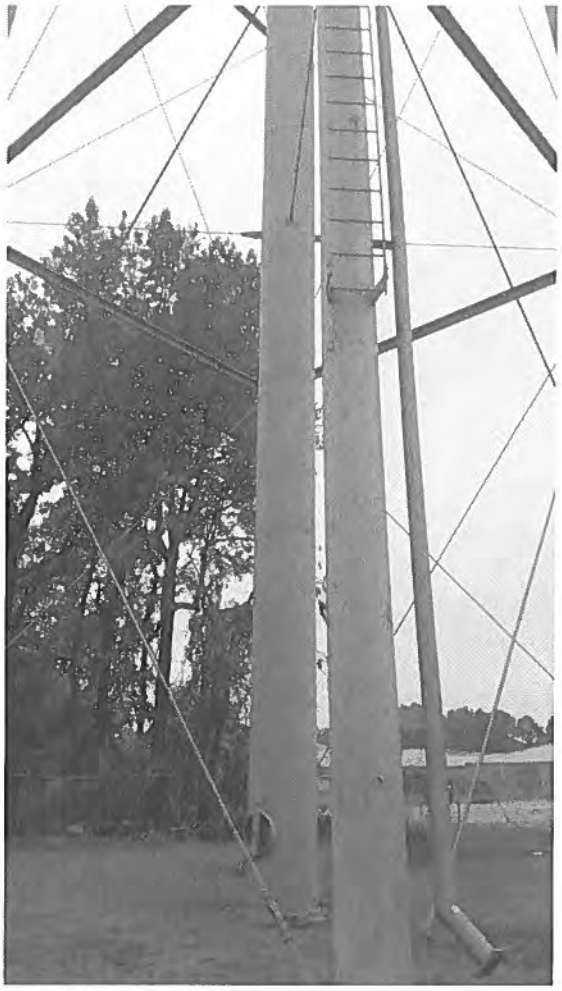
Respectfully,

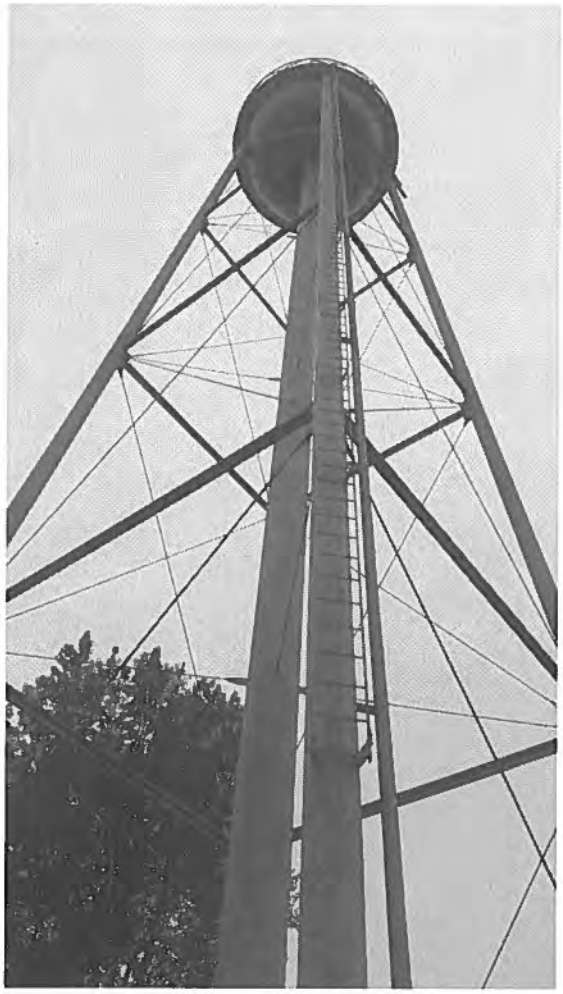
William Charlot

William Charlot
Engineer Intern II Region 6
LDH-OPH Engineering Services
William.Charlot@la.gov
O: (318)487-5282
D: (318)484-2388
F: (318)487-5338

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

ATTACHMENTS





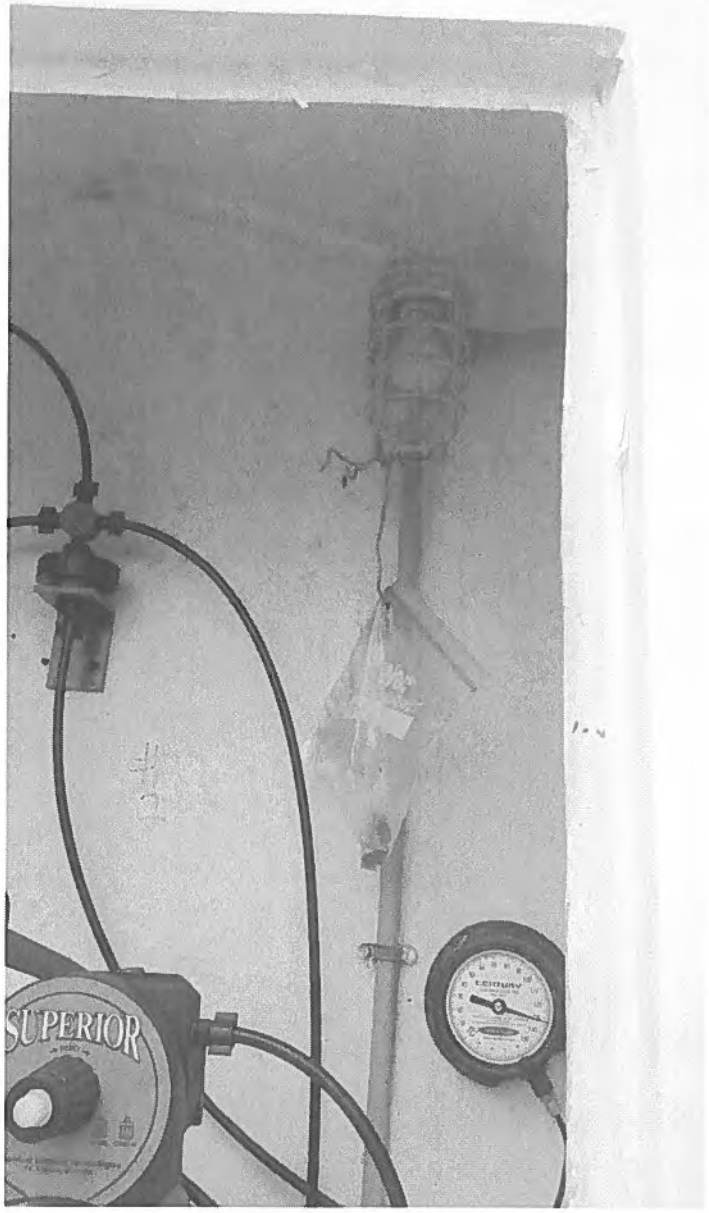
Attachment #1

Severity: Minor

Facility ID: EL001 - ELEVATED

Category: Finished Water Storage

Attachment Comments: EL001: From review the finished water storage facility (Elevated Tower) should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages' interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities could benefit from an inspection.



Attachment #2

Severity: Minor

Facility ID: TP001 - DISINFECTION

Category: Treatment

Attachment Comments: TP001 DISINFECTION: The light is currently not operational, either the bulb is burned out or there is an electrical issue. The chlorine room must be equipped with a working light.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 2710 0000 4927 6569

October 31, 2019

Bob Dohoney
FORT POLK SOUTH WATER SYSTEM
3391 F Ave.
Fort Polk, LA 71459

Re: Class I Sanitary Survey
FORT POLK SOUTH WATER SYSTEM Public Water System
PWS ID LA1115065
VERNON Parish

Hello Mr. Dohoney:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 3, 2019 sanitary survey inspection of the public water supply system for FORT POLK SOUTH WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
William Charlot	LDH-OPH Engineering Services
Brad Day	American Water

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL003 - ELEVATED AT HOSPITAL	Finished Water Storage	EL003 HOSPITAL: The drainage for the Elevate Tank has a direct connection to the storm drain. The storage structure drain shall discharge to the ground surface with no direct connection to a sewer or storm drain. **See Attachment 1.**
FACILITY	CATEGORY	FINDINGS
1115065-009 - WELL 12 USGS V 112	Source	WELL 12 USGS V 112: The well discharge piping is not equipped with a working flow measuring device. A means for measuring flow must be provided. Install a device used to measure flow from the well on the well discharge piping. **See Attachment 2.**
FACILITY	CATEGORY	FINDINGS
1115065-005 - WELL 8 USGS V 420	Source	WELL 8 USGS V 420: The well discharge piping is not equipped with a working flow measuring device. A means for measuring flow must be provided. Install a device used to measure flow from the well on the well discharge piping. **See Attachment 3.**
FACILITY	CATEGORY	FINDINGS
1115065-005 - WELL 8 USGS V 420	Source	WELL 8 USGS V 420: The well discharge piping is showing signs of rust, corrosion, and flaky painting. The well discharge piping must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. **See Attachment 4.**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to

this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP004 - TREATMENT PLANT @ MAIN PLANT	Treatment	TP004 MAIN PLANT: The chlorine gas cylinders are not properly secured. Full and empty cylinders of chlorine gas must be restrained in position at all times to prevent upset. Properly secure all chlorine gas cylinders by individually with either a single device with multiple fastening points, or multiple restraining devices. **See Attachment 5.**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: William Charlot,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me:

Respectfully,

William Charlot

William Charlot
Engineer Intern II Region 6
LDH-OPH Engineering Services
William.Charlot@la.gov
O: (318)487-5282
D: (318)484-2388
F: (318)487-5338

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

ATTACHMENTS



Attachment #1

Severity: Minor

Facility ID: EL003 - ELEVATED AT HOSPITAL

Category: Finished Water Storage

Attachment Comments: EL003 HOSPITAL: The drainage for the Elevate Tank has a direct connection to the storm drain. The storage structure drain shall discharge to the ground surface with no direct connection to a sewer or storm drain.



Attachment #2

Severity: Minor

Facility ID: 1115065-009 - WELL 12 USGS V 112

Category: Source

Attachment Comments: WELL 12 USGS V 112: The well discharge piping is not equipped with a working flow measuring device. A means for measuring flow must be provided. Install a device used to measure flow from the well on the well discharge piping.



Attachment #3

Severity: Minor

Facility ID: 1115065-005 - WELL 8 USGS V 420

Category: Source

Attachment Comments: WELL 8 USGS V 420: The well discharge piping is not equipped with a working flow measuring device. A means for measuring flow must be provided. Install a device used to measure flow from the well on the well discharge piping.



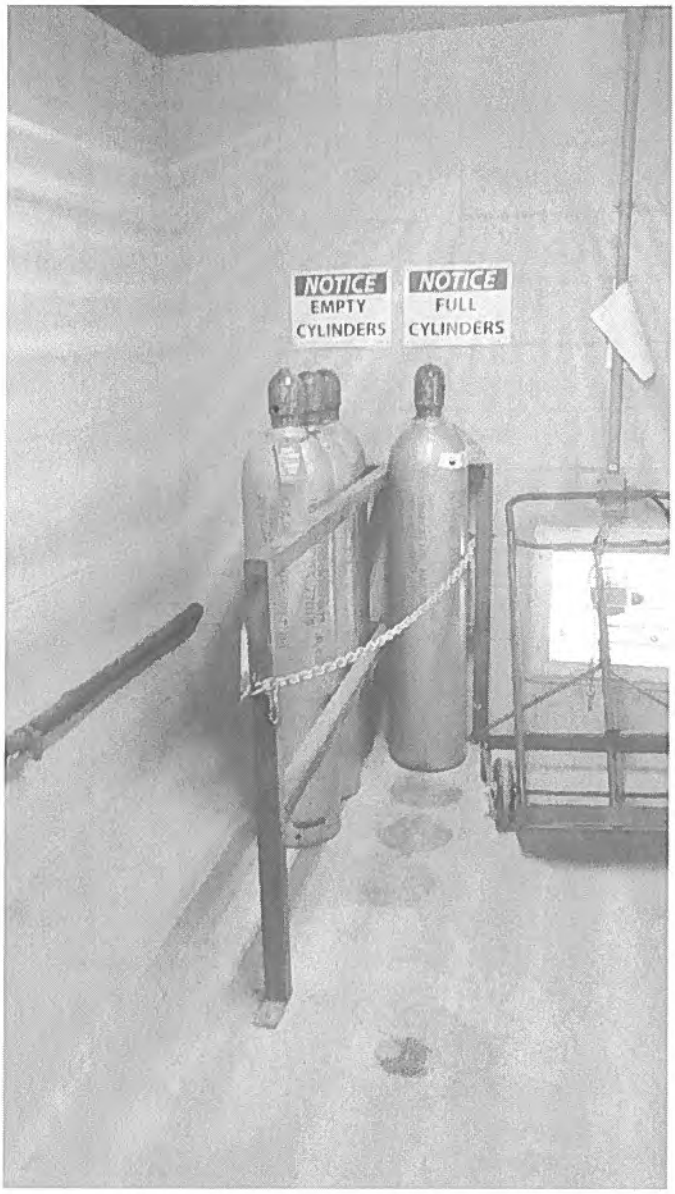
Attachment #4

Severity: Minor

Facility ID: 1115065-005 - WELL 8 USGS V 420

Category: Source

Attachment Comments: WELL 8 USGS V 420: The well discharge piping is showing signs of rust, corrosion, and flaky painting. The well discharge piping must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.



Attachment #5

Severity: Recommendations

Facility ID: TP004 - TREATMENT PLANT @ MAIN PLANT

Category: Treatment

Attachment Comments: TP004 MAIN PLANT: The chlorine gas cylinders are not properly secured. Full and empty cylinders of chlorine gas must be restrained in position at all times to prevent upset. Properly secure all chlorine gas cylinders by individually with either a single device with multiple fastening points, or multiple restraining devices.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 2710 0000 4927 5289

October 17, 2019

Tom Dixon
SOUTH VERNON PARISH WATERWORKS DISTRICT
P.O. Box 436
Rosepine, LA 70659

Re: Class I Sanitary Survey
SOUTH VERNON PARISH WATERWORKS DISTRICT Public Water System
PWS ID LA1115118
VERNON Parish

Mr. Dixon:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 19, 2019 sanitary survey inspection of the public water supply system for SOUTH VERNON PARISH WATERWORKS DISTRICT (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
William Charlot	LDH-OPH Engineering Services
Marion E Van Tassel	City Of Deridder

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Colorimeters: Validation shall be determined at a frequency of no less than once every 90 days by use of a NIST traceable standard solution which has been obtained from an approved source (e.g., certificate of analysis by manufacturer). Deviations of 10 percent or more shall be cause for calibration of the equipment.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	TP001: The chlorine gas cylinders are not properly secured. Full and empty cylinders of chlorine gas must be restrained in position at all times to prevent upset. Properly secure all chlorine gas cylinders. Full cylinders should be individually secured. See **Attachment 1.**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: William Charlot,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at .

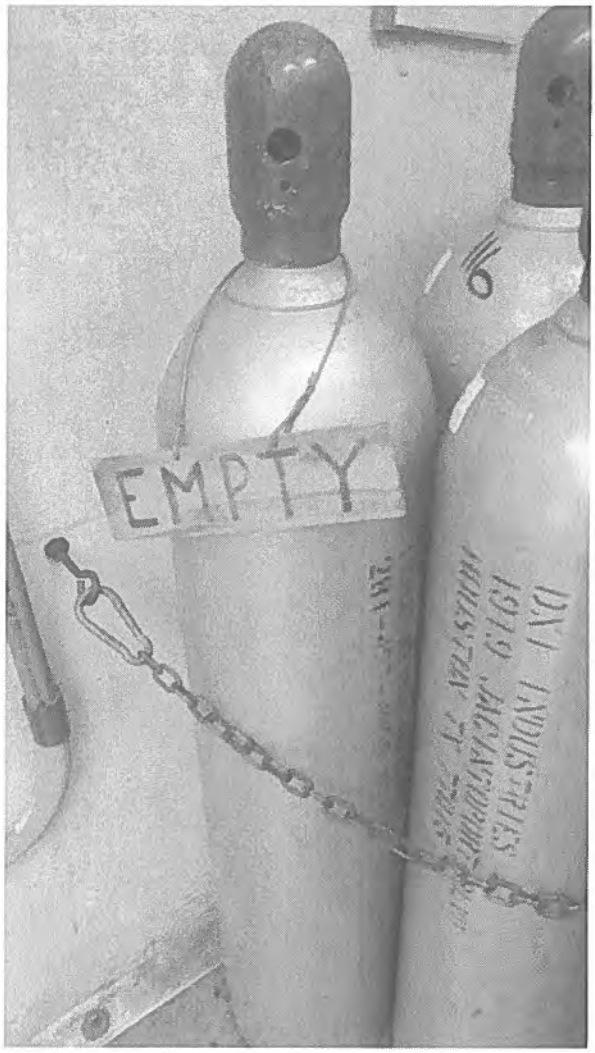
Respectfully,

William Charlot

William Charlot,

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

ATTACHMENTS



Attachment #1

Severity: Recommendations

Facility ID: Times New Roman

Category: Treatment

Attachment Comments: TP001: The chlorine gas cylinders are not properly secured. Full and empty cylinders of chlorine gas must be restrained in position at all times to prevent upset. Properly secure all chlorine gas cylinders. Full cylinders should be individually secured.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 2710 0000 4927 5692

February 1, 2019

Lamar Strother
Cravens Handi Stop
9242 Hwy 10
Pitkin, LA 70656

Re: Class I Sanitary Survey
Cravens Handi Stop
PWS ID LA2115128
Vernon Parish

Dear Mr. Strother:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 24, 2019 sanitary survey inspection of the public water supply system for CRAVENS HANDI STOP (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rachael Bruce	LDH OPH Region 6 Engineering Services
James Monroe	LDH OPH Region 6 Engineering Services
Randie Strother	Cravens Handi Stop

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Chlorine residuals must be monitored daily at the water production (POE) site. A critical point (MRT), the location in the water system furthest from treatment, must be monitored daily. An additional chlorine residual check must be made monthly at the ACR site. These points were established for the water system during the submittal of the Monitoring Plan on the Monitoring Portal website. A free chlorine residual of 0.5 mg/L is required at all times and at all locations tested. Please start measuring and recording the residuals at the locations described using a digital chlorine analyzer. Residuals must also be recorded on signed and dated "LDH Approved Chlorine Residual Forms", which can be found at: http://new.dhh.louisiana.gov/index.cfm/page/1725 . The water system will begin recording the daily chlorine residuals on the approved LDH Chlorine Residual Forms.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The water system did not have the validation standards to properly validate the bench top colorimeter. A low and high range set of standards must be obtained.
FACILITY	CATEGORY	FINDINGS
TP001 - DISINFECTION	Treatment	There is no secondary containment provided for the liquid chemical being used for water treatment. Secondary containment prevents spillage or accidental drainage of chemicals due to equipment and primary containment failure. The system shall provide secondary containment for the liquid chemical being used for water treatment. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: Rachael Bruce,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

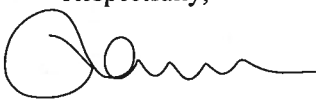
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (318)487-5282x250.

Respectfully,



Rachael Bruce,
Chemical San

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

Attachments

State of Louisiana

Department of Health

Office of Public Health



Attachment #1

Severity: Minor

Facility ID: DISINFECTION

Category: Treatment

Attachment Comments: Chemical Storage- Lack of Secondary containment

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1581

June 28, 2019

Wendy Perritt
CITY of BOGALUSA WATER SYSTEM
202 Arkansas
Bogalusa, LA 70427

Re: Class I Sanitary Survey
CITY of BOGALUSA WATER SYSTEM Public Water System
PWS ID LA1117001
WASHINGTON Parish

Dear Mayor Perritt:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 26, 2019 sanitary survey inspection of the public water supply system for CITY of BOGALUSA WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Don Jones	City Of Bogalusa

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	The fences around Ave G Well and North Ave Well had significant plant growth at the time of inspection. The plants should be trimmed to preserve the structural integrity of the fencing. Per LAC 51:XII.315.A, all public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area. The fence shall be resistant to climbing. **See Attachments #1 and #2**
FACILITY	CATEGORY	FINDINGS
1117001-002 - MADISON STREET WELL	Source	The well had considerable rusting at the time of inspection, creating a potential pathway for contamination. Per LAC 51:XII.319.D.7, there shall be no pathway for contamination into the well casing or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #3**

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP002 - MADISON STREET TP	Treatment	The chlorine gas cylinders were not properly covered at the time of inspection. Per LAC 51:XII.209.4, chlorine gas not stored in a room shall be protected from direct sunlight and windblown debris and shielded from public view. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
TP003 - AVENUE D	Treatment	The chlorine gas cylinders were not properly covered at the time of inspection. Per LAC 51:XII.209.4, chlorine gas not stored in a room shall be protected from direct sunlight and windblown debris and shielded from public view. **See Attachments #5 and #6**
FACILITY	CATEGORY	FINDINGS
TP005 - AVE G WELL	Treatment	The chlorine gas cylinders were not properly covered at the time of inspection. Per LAC 51:XII.209.4, chlorine gas not stored in a room shall be protected from direct sunlight and windblown debris and shielded from public view. **See Attachments #7 and #8**
FACILITY	CATEGORY	FINDINGS
TP004 - NORTH AVE	Treatment	The chlorine gas cylinders were not properly covered at the time of inspection. Per LAC 51:XII.209.4, chlorine gas not stored in a

WELL(AVE U)		room shall be protected from direct sunlight and windblown debris and shielded from public view. **See Attachments #9 and #10**
FACILITY	CATEGORY	FINDINGS
TP008 - AVENUE B	Treatment	The chlorine gas cylinders were not properly covered at the time of inspection. Per LAC 51:XII.209.4, chlorine gas not stored in a room shall be protected from direct sunlight and windblown debris and shielded from public view. **See Attachment #11**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	Per LAC 51:XII.157.A, consideration shall be given to the safety of personnel and visitors. At the time of inspection, rotating pump shafts and couplings at the wells were exposed, presenting a risk to employee safety; rigid guards, shields, squirrel cages, etc. were generally not provided. There was also unused metal pipe and appurtenances on the ground by the well sites. **See Attachment #12**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9003723	10/24/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	10/01/2018 - 10/31/2018
9003722	07/20/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2018 - 07/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,



Eric Brown,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: Management

Category: Security

Attachment Comments: The fencing surrounding Ave G Well had considerable plant growth at the time of inspection.



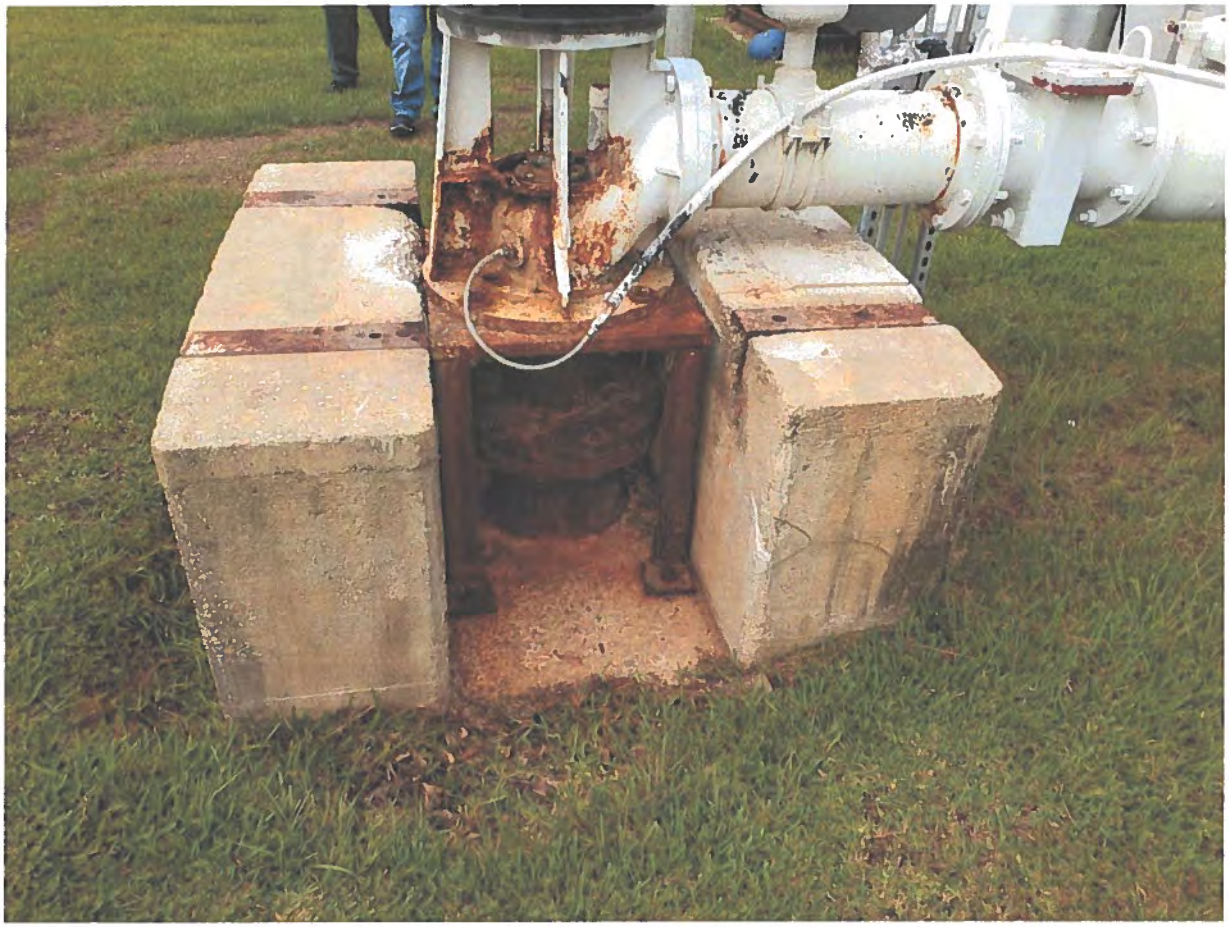
Attachment #2

Severity: Significant

Facility ID: Management

Category: Security

Attachment Comments: The fencing surrounding North Ave Well had considerable plant growth at the time of inspection.



Attachment #3

Severity: Significant

Facility ID: 1117001-002 - MADISON STREET WELL

Category: Source

Attachment Comments: The well had considerable rusting at the time of inspection.



Attachment #4

Severity: Minor

Facility ID: TP002 - MADISON STREET TP

Category: Treatment

Attachment Comments: The chlorine gas cylinder was not properly covered and was in direct sunlight.



Attachment #5

Severity: Minor

Facility ID: TP003 - AVENUE D

Category: Treatment

Attachment Comments: The chlorine gas cylinder was not properly covered and was in direct sunlight.



Attachment #6

Severity: Minor

Facility ID: TP003 - AVENUE D

Category: Treatment

Attachment Comments: The spare chlorine gas cylinders were not properly covered and were in direct sunlight.



Attachment #7

Severity: Minor

Facility ID: TP005 - AVE G WELL

Category: Treatment

Attachment Comments: The chlorine gas cylinder was not properly covered and was in direct sunlight.



Attachment #8

Severity: Minor

Facility ID: TP005 - AVE G WELL

Category: Treatment

Attachment Comments: The spare chlorine gas cylinders were not properly covered and were in direct sunlight.



Attachment #9

Severity: Minor

Facility ID: TP004 - NORTH AVE WELL(AVE U)

Category: Treatment

Attachment Comments: The chlorine gas cylinder was not properly covered and was in direct sunlight.



Attachment #10

Severity: Minor

Facility ID: TP004 - NORTH AVE WELL(AVE U)

Category: Treatment

Attachment Comments: The spare chlorine gas cylinders were not properly covered and were in direct sunlight.



Attachment #11

Severity: Minor

Facility ID: TP008 - AVENUE B

Category: Treatment

Attachment Comments: The chlorine gas cylinder was not properly covered and was in direct sunlight.



Attachment #12

Severity: Recommendation

Facility ID: Management

Category: System Management and Operation

Attachment Comments: There was spare pipe on the ground at the time of inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70190700000059891949

July 3, 2019

Richard Dillon
TOWN of FRANKLINTON WATER SYSTEM
301 Eleventh Avenue
Franklinton, LA 70438

Re: Class I Sanitary Survey
TOWN of FRANKLINTON WATER SYSTEM Public Water System
PWS ID LA1117002
WASHINGTON Parish

Dear Mayor Dillon:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 19, 2019 sanitary survey inspection of the public water supply system for TOWN of FRANKLINTON WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH/OPH Engineering/Region 9
Jacob Haffner	LDH/OPH Engineering/District II
John Williams	LDH/OPH Engineering/District II
Reginald Mcmasters	Town Of Franklinton
David Whitehead	Town Of Franklinton

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH

determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

LAC 105:XII.105.A - No public water supply shall be constructed, operated or modified to the extent that the capacity, hydraulic conditions, functioning of treatment processes, or the quality of finished water is affected, without, and except in accordance with, a permit from the state health officer.

The results of water quality testing, performed on-site by LDH at the time of the survey, are as follows:

Mason St. Well

- Free Cl – 0.0 mg/L
- Total Cl – 1.68 mg/L
- Monochloramine – 1.78 mg/L
- Raw Water Free Ammonia – 0.41 mg/L

Chess Jones Well

- Free Cl – 0.0
- Total Cl – 1.02
- Monochloramine – 1.05
- Raw Water Free Ammonia – 0.45 mg/L

Town of Franklinton is permitted and identified in the Louisiana Monitoring Plan Portal (MPP) as a free chlorine system (secondary disinfection, in the distribution system). To operate as a free chlorine system Town of Franklinton must ensure that sufficient free chlorine is added to groundwater to carry adequate free chlorine residual throughout the distribution system. Naturally occurring free ammonia, where present in groundwater and not fully destroyed by breakpoint chlorination, combines with free chlorine to form chloramines (measured as total chlorine). Systems that use chloramine for disinfection need to be permitted, and listed in the MPP, as Total Chlorine.

Based on the above results Town of Franklinton's groundwater contains naturally occurring ammonia and breakpoint chlorination is not being achieved, therefore, the system is operating as an unpermitted total chlorine (chloramine) system.

The system may either:

1. Remain a free chlorine system and submit to this office a Monitoring and Control Plan (MCP) to ensure proper treatment. The MCP shall characterize the chlorine demand of the source water(s), the amount of free chlorine required to achieve proper treatment and identify monitoring to be performed to ensure proper treatment is consistently being achieved.

2. Become a monochloramine system by using and/or adding ammonia. The system shall submit to this office a MCP which requires the same as above, the chlorine demand of the source water and the amount of chlorine required to achieve proper treatment. In addition, a permit will be required for the conversion. The permit will require a chloramine test to identify the type of chloramines created in the system, a Nitrification Control Plan, dose calculations, and a public notice stamped and dated by a Louisiana professional engineer.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The Mason St. Well did not have a source of backup power. Per LAC 51:XII.135.A, dedicated standby power shall be provided by any community water supply and any non-community water supply serving a hospital so that water can be treated and/or pumped to the distribution system during power outages to meet the average daily demand during the month of maximum water use.
FACILITY	CATEGORY	FINDINGS
EL002 - MASON ST. ELEVATED STORAGE TANK	Finished Water Storage	Mason St. Elevated Storage Tank overflow was directly piped to a storm drain. Per LAC 51:XII.337.C, any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures.
FACILITY	CATEGORY	FINDINGS
TP002 - MASON ST. WELL	Treatment	The Mason St. Well flow meter was inoperable. Per LAC 51:XII.319.D.17, the discharge piping shall: be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, and a means of measuring flow

FACILITY	CATEGORY	FINDINGS
1117002-003 - CHESS JONES WELL	Source	A hole was present near the well slab at Chess Jones Well. Per LAC 51:XII.319.D.7, there shall be no pathway for contamination into the well casing or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1117002-002 - MASON ST. WELL	Source	A hole was present near the well slab at Mason St. Well. Per LAC 51:XII.319.D.7, there shall be no pathway for contamination into the well casing or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	A chlorine testing kit used by the water system operator showed visible dirt/residue on case and sample vials which may affect testing. Per LAC 51:XII.1112.A, a thorough cleaning of analytical instrumentation (particularly continuous monitoring turbidimeters, disinfectant residual monitors, and pH meters) shall be performed, as necessary, prior to performing any calibration/validation.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was discovered that the system was running as a chloramine system in which a nitrification control plan is needed. Per LAC 51:XII.367.G, where a continuous chloramination (i.e., chlorine with ammonia addition) method is used or where water that is provided to customers contains chloramines, a nitrification control plan shall be developed and submitted to the state health officer.

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Copies of bacti samples were not available. Per LAC 51:XII.1505.D, an approved chemical laboratory/drinking water shall ensure that records and reports are satisfactorily maintained and retrievable. Copies of records and reports for any off-site approved chemical laboratory/drinking water shall be filed in a folder identifying the public water system by name as well as its public water system identification number (PWS ID #).
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Copies of previous three sanitary surveys were not available. Per LAC 51:XII.1505.D, an approved chemical laboratory/drinking water shall ensure that records and reports are satisfactorily maintained and retrievable. Copies of records and reports for any off-site approved chemical laboratory/drinking water shall be filed in a folder identifying the public water system by name as well as its public water system identification number (PWS ID #).
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	A smooth-nozzled sampling tap is not provided for the Ground Storage Tank. PER LAC 51:XII.141.C, taps used for obtaining samples for bacteriological analysis shall be of the smooth-nosed type without interior or exterior threads.
FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC	Finished Water Storage	The hydropneumatic tank did not have a working sight glass. Per LAC 51:XII.229.E, each tank shall have an access manhole, a drain, and control equipment consisting of a pressure gauge, water sight glass, automatic or manual air blow-off, means for adding air, and pressure operated start-stop controls for the pumps.
FACILITY	CATEGORY	FINDINGS
TP002 - MASON ST. WELL	Treatment	The Mason St. Well treatment did not have an inspection window, panic hardware, and did not have an intact partition. Per LAC 51:XII.209.A.3, if chlorine gas feed and storage is enclosed, the chlorine gas shall

		be separated from other operating areas. Both the feed and storage rooms shall be constructed so as to meet the following requirements: a shatter resistant inspection window shall be installed in an interior wall unless secondary containment is provided for chlorine gas; all openings between the rooms and the remainder of the plant shall be sealed; and doors shall be equipped with panic hardware, assuring ready means of exit and opening outward only to the building exterior.
FACILITY	CATEGORY	FINDINGS
1117002-003 - CHESS JONES WELL	Source	The Chess Jones Well did not have a check valve. Per LAC 51:XII.169.H.3.a.iv, the discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, and a means of measuring flow.
FACILITY	CATEGORY	FINDINGS
1117002-002 - MASON ST. WELL	Source	There was a leak observed on the water supply line to the chlorinator. Per LAC 51:XII.169.H.3.iii, the discharge piping shall be protected against the entrance of contamination. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1117002-003 - CHESS JONES WELL	Source	Well vents at both well sites were not screened properly. Well vents and well air release valves were screened with window screen mesh. All vents shall be screened with 24# mesh. Per LAC 51:XII.169.H.3.a.vi, Discharge piping shall: where applicable, be equipped with an air release-vacuum relief valve located upstream from the check valve, with exhaust/relief piping terminating in a down-turned position at least 18 inches above the floor and covered with a 24 mesh corrosion resistant screen no case less than 24 inches above the ground surface. Such vent openings and extensions thereof shall be not less than 1/2 inch in diameter, with extension pipe firmly attached thereto. The openings of the vent pipes shall face downward and shall be screened to prevent the entrance of foreign matter.

The significant deficiencies listed above titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. Complaints are being tracked, however, they need to be able to be tracked according to category (e.g. brown water complaints). In accordance with the provisions found in ACT No. 292, PWS shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that PWS has implemented with respect to the matters detailed in the complaint. PWS shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.

2. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that the Town of Franklinton is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written inspection program for the ground storage tank. For steel tanks AWWA M42 recommends the maximum interval for periodic inspections of the tank interior should normally be three (3) years. It is usually advisable to wash out the tank at the time of inspection.

2. Rotating pump shafts and couplings at Mason ST. Well and Chess Jones Well were exposed, presenting a risk to employee safety; rigid guards, shields, squirrel cages, etc. were generally not provided. Per LAC 51:XII.157.A, consideration shall be given to the safety of water plant personnel and visitors.

3. The hydropneumatic tank is showing signs of rusting on the exterior, interior condition is unknown. Per LAC 51:XII.233.A, all potable water distribution systems shall be designed, constructed, and maintained so as to prevent leakage of water due to defective materials, improper jointing, corrosion, settling, impacts, freezing, or other causes.

4. There was no approved leak repair kit in the chlorine feed rooms. Per LAC 51:XII.207.C, leak detection for chlorine gas. A bottle of concentrated ammonium hydroxide (56 per cent ammonia solution) shall be available for chlorine leak detection; where ton containers are used, a leak repair kit approved by the Chlorine Institute shall be provided.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: CHESS JONES WELL

Category: Source

Attachment Comments: Hole near well slab at Chess Jones Well



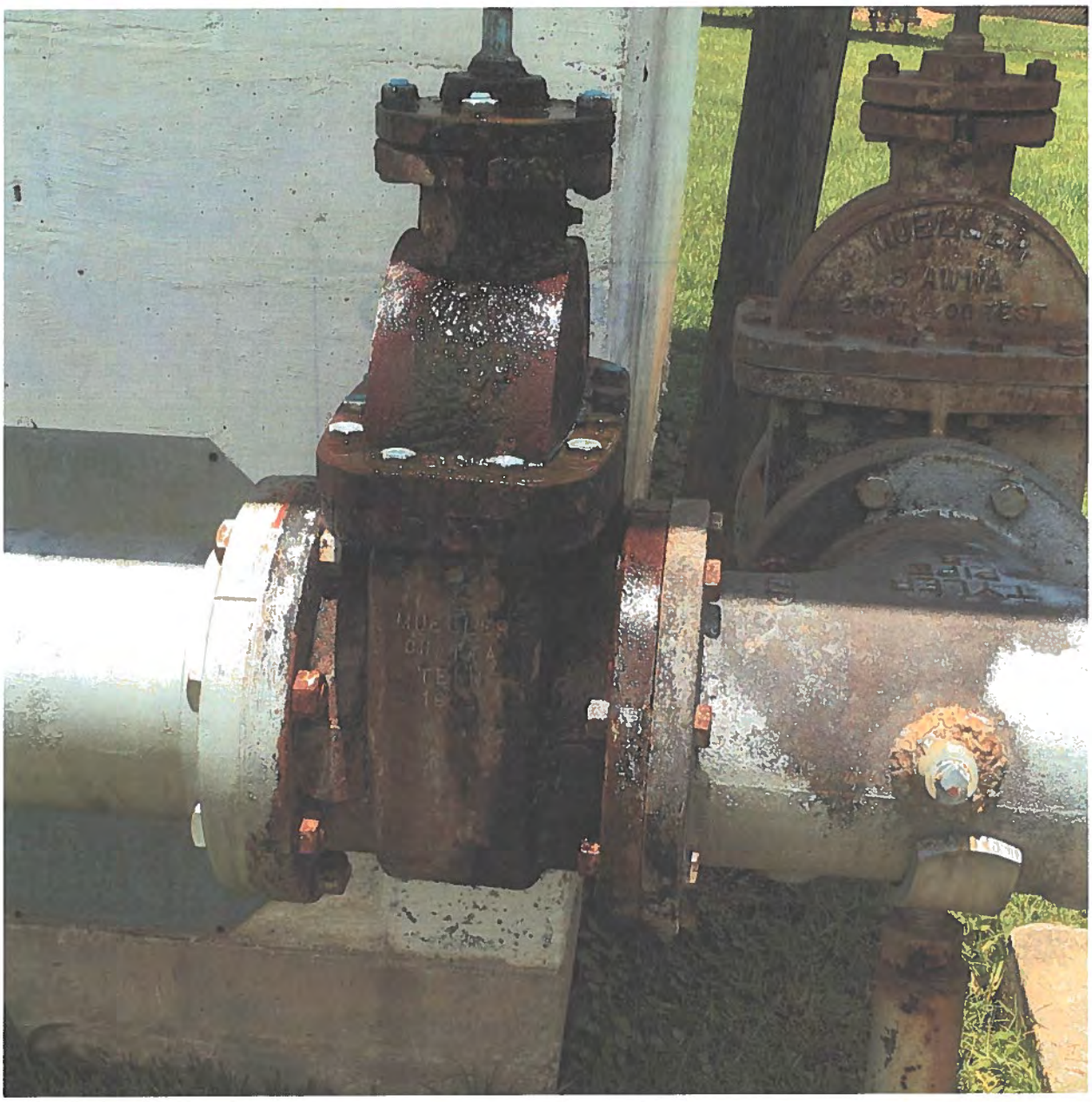
Attachment #2

Severity: Significant

Facility ID: MASON ST. WELL

Category: Source

Attachment Comments: Hole near well slab at Mason St. Well



Attachment #3

Severity: Minor

Facility ID: MASON ST. WELL

Category: Source

Attachment Comments: Leak observed at Mason St. Well

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70171000000031758396

April 25, 2019

Harvey Conerly
RURAL FRANKLINTON WATER
422 Eleventh Ave
Franklinton, LA 70438

Re: Class I Sanitary Survey
RURAL FRANKLINTON WATER Public Water System
PWS ID LA1117003
WASHINGTON Parish

Dear Conerly:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 16, 2019 sanitary survey inspection of the public water supply system for RURAL FRANKLINTON WATER (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
Harvey Conerly	Representative
Jie Gu	LDH-OPH Region IX Engineer

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/27/2016	06/27/2016	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT PLANT WELL NO 1 AND WELL NO 2
Comments: At the time of inspection, there were no scales provided for gaseous chlorine cylinders.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Per LAC 51:XII.367.A, a public water system shall measure the residual disinfectant concentration in water being delivered to the distribution system at least once per day. At the time of inspection, chlorine residuals were not measured properly.
FACILITY	CATEGORY	FINDINGS
GR001 - STORAGE TANK # 1	Finished Water Storage	Per LAC 51:XII.225.I.1, all water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. At the time of inspection, overflow was not elevated to between 12 and 14 inches above ground surface. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
GR001 - STORAGE TANK # 1	Finished Water Storage	Per LAC 51:XII.225.I.2.b, the overflow for a ground-level storage reservoir shall open downward and be screened with twenty- four mesh non-corrodible screen. The screen shall be installed within the overflow pipe at a location least susceptible to damage by vandalism. At the time of inspection, the overflow was not screened with twenty-four mesh non-corrodible screen. **See Attachment #1**

FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC TANK @ WELL 1 & 2	Finished Water Storage	Per LAC 51:XII.225.S, proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. At the time of inspection, the hydropneumatic tank showed wear in its paint. Maintenance and inspections should be performed routinely to prevent further damage.
FACILITY	CATEGORY	FINDINGS
1117003-001 - WELL NO 1	Source	Per LAC 51:XII.169.H.3.a.iv, the discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, and a means of measuring flow. At the time of inspection, there was no flow meter at the well.
FACILITY	CATEGORY	FINDINGS
1117003-002 - WELL NO 2	Source	Per LAC 51:XII.169.H.3.a.iv, the discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, and a means of measuring flow. At the time of inspection, there was no flow meter at the well.
FACILITY	CATEGORY	FINDINGS
1117003-002 - WELL NO 2	Source	Per LAC 51:XII.169.H.3.a.vi, where applicable, the discharging pipe shall be equipped with an air release-vacuum relief valve located upstream from the check valve, with exhaust/relief piping terminating in a down-turned position at least 18 inches above the floor and covered with a 24 mesh corrosion resistant screen. At the time of inspection, the exhaust/ relief piping did not terminate at least 18 inches above the floor and was not covered with a 24 mesh corrosion resistant screen.
FACILITY	CATEGORY	FINDINGS
1117003-001 - WELL NO 1	Source	Per LAC 51:XII.169.H.3.a.vi, where applicable, the discharging pipe shall be equipped with an air release-vacuum relief valve located upstream from the check valve, with exhaust/relief piping terminating in a down-turned position at least 18 inches above the floor and covered with a 24 mesh corrosion resistant screen. At the time of inspection, the exhaust/ relief piping did not terminate at least 18 inches above the floor and was not covered with a 24 mesh corrosion resistant screen.
FACILITY	CATEGORY	FINDINGS
1117003-003 - WELL NO 3	Source	Per LAC 51:XII.169.H.3.a.vi, where applicable, the discharging pipe shall be equipped with an air release-vacuum relief valve located upstream from the check valve, with exhaust/relief piping terminating in a down-turned position at least 18 inches above the floor and covered with a 24 mesh corrosion resistant screen. At the time of inspection,

		the exhaust/ relief piping did not terminate at least 18 inches above the floor and was not covered with a 24 mesh corrosion resistant screen. **See Attachment #3**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	Rotating pump shafts and couplings were typically exposed, presenting a risk to employee safety; rigid guards, shields, squirrel cages, etc. were generally not provided. The system should review all of its pumps to insure adequate safety measure or in place, and that compliance with ANSI/OSHA regulations are being met. At the time of inspection, the rotating pump shaft and coupling were not covered and could injure employees or visitors. **See Attachment #2**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
9005036	06/18/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2018 - 06/30/2018

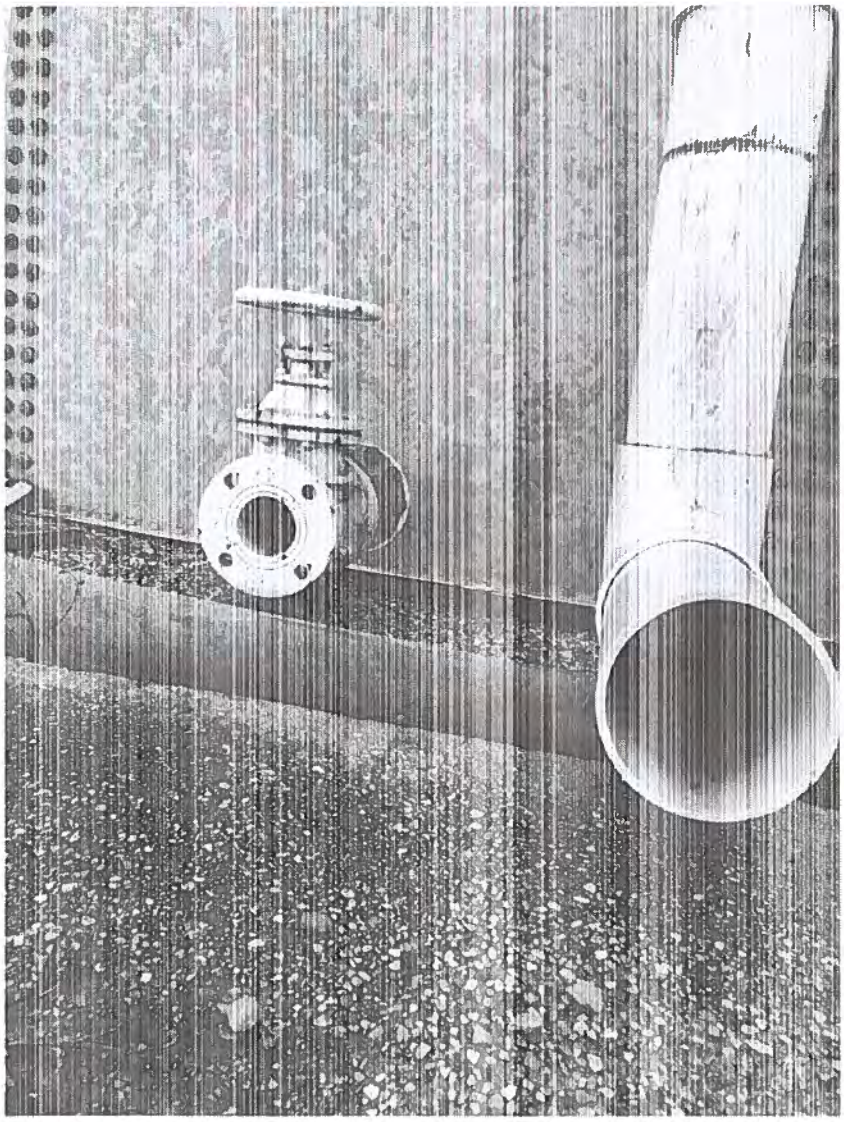
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



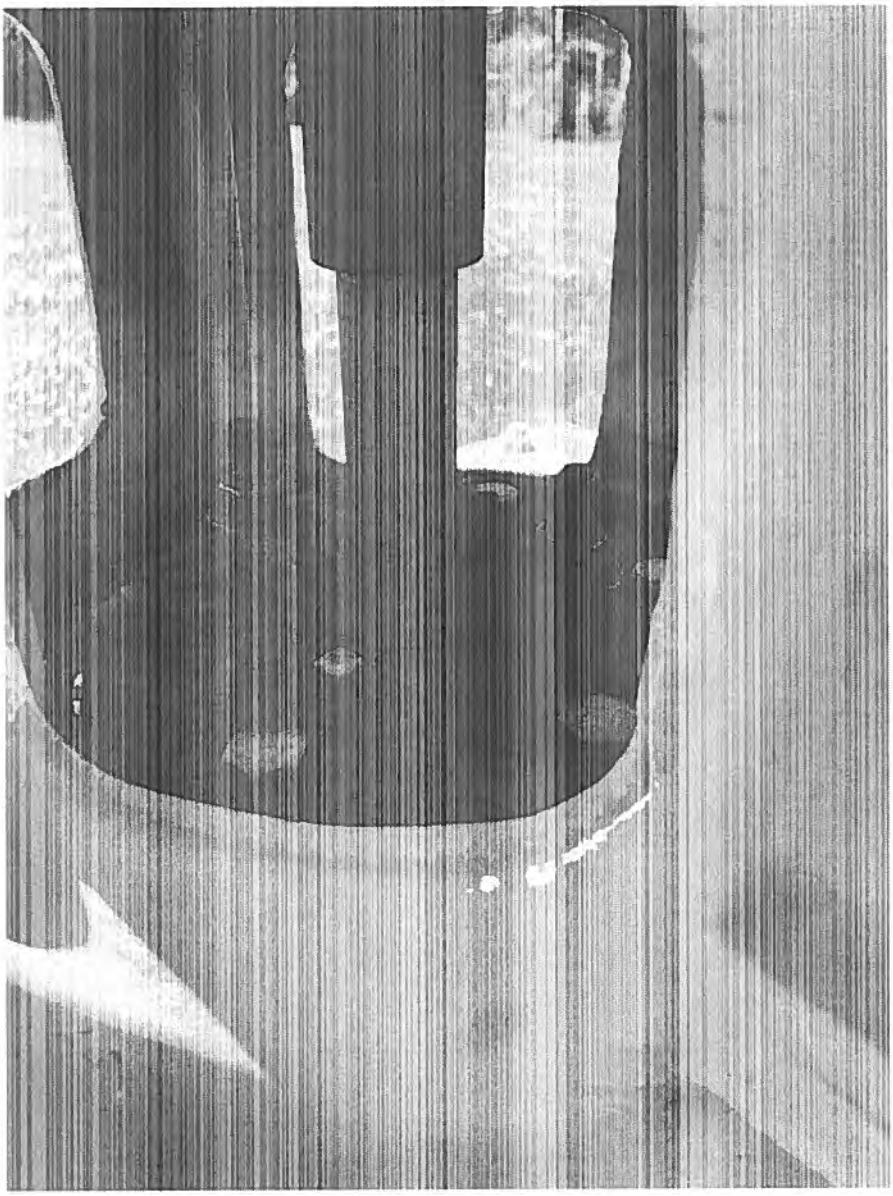
Attachment #1

Severity: Minor

Facility ID: STORAGE TANK #1

Category: Finished Water Storage

Attachment Comments: The overflow for the ground-level storage reservoir did not open downward and was not screened with a twenty-four mesh non-corrodible screen.



Attachment #2

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: Rotating pump shaft and coupling are not covered and may injure employees or visitors.



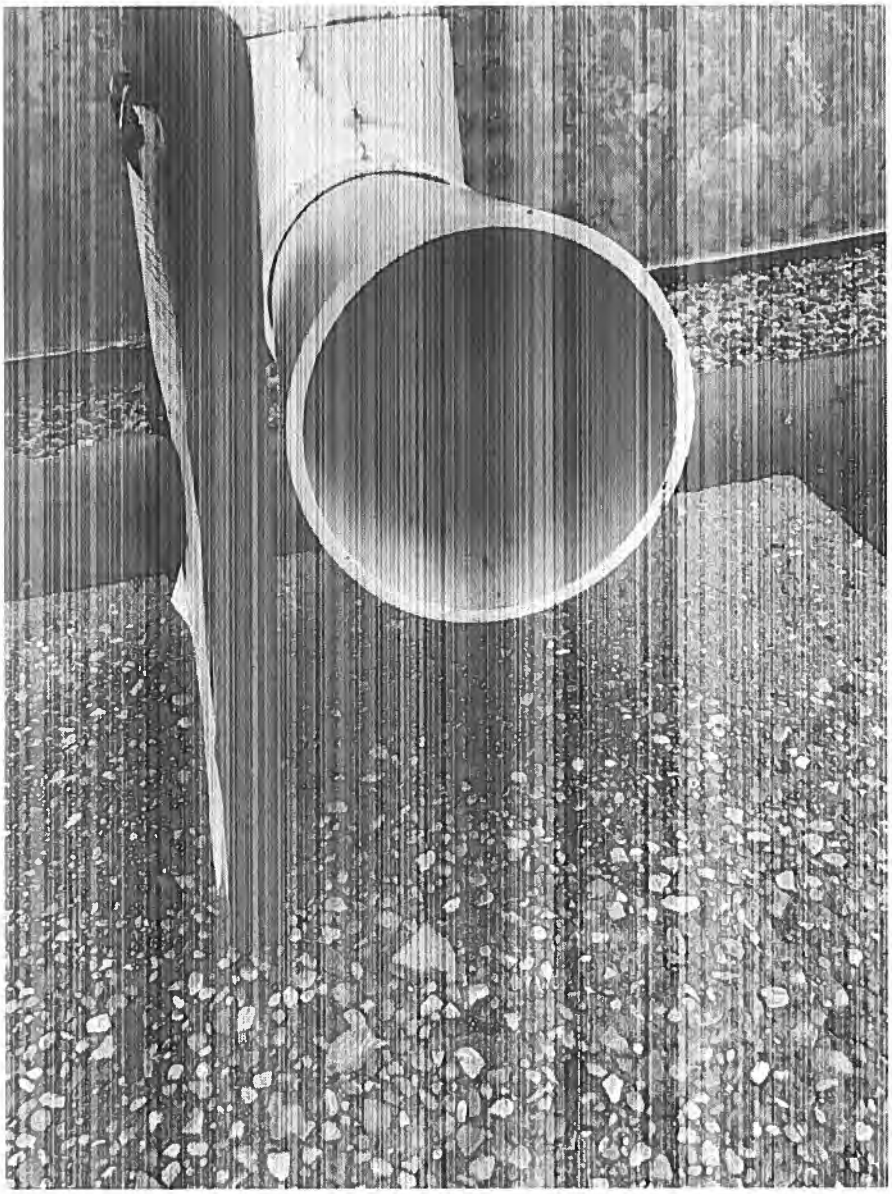
Attachment #3

Severity: Minor

Facility ID: WELL NO 3

Category: Source

Attachment Comments: Exhaust/relief piping is not terminating at least 18 inches above the floor and is not covered with a 24 mesh corrosion resistant screen.



Attachment #4

Severity: Minor

Facility ID: STORAGE TANK #1

Category: Finished Water Storage

Attachment Comments: Overflow is not at an elevation between 12 and 24 inches above the ground surface.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7015 3010 0000 4003 7621

June 7, 2019

Mary Adams
VARNADO WATER WORKS
26070 Hwy 21
Angie, LA 70426

Re: Class I Sanitary Survey
VARNADO WATER WORKS Public Water System
PWS ID LA1117006
WASHINGTON Parish

Dear Ms. Adams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 22, 2019 sanitary survey inspection of the public water supply system for VARNADO WATER WORKS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Mary Adams	Operator

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR003 - GROUND-Willbur Dillon	Finished Water Storage	A required twenty-four mesh non-corrodible screen was not observed behind the flapper valve on the overflow of the ground storage tank. The required mesh must be installed per LAC 51:XII.225.I.2.b. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND-Willbur Dillon	Finished Water Storage	The overflow terminated near the ground level at the time of the inspection. Per LAC 51:XII.225.I.1, all water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface.
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND-Millitary Road	Finished Water Storage	The overflow terminated on the ground level at the time of the inspection. Per LAC 51:XII.225.I.1, all water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface.
FACILITY	CATEGORY	FINDINGS
1117006-003 - OLD VARNADO HWY WELL	Source	There was no flow meter on the well discharge pipe at the time of inspection. The well discharge piping shall be equipped with a means of measuring flow per LAC 51:XII.169.H.3.iv.
FACILITY	CATEGORY	FINDINGS
1117006-001 - WELL MITCH RD NO1 (WEST)	Source	There was no flow meter on the well discharge pipe at the time of inspection. The well discharge piping shall be equipped with a means of measuring flow per LAC 51:XII.169.H.3.iv.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to

correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

At the time of the inspection, there were no scales provided for gaseous chlorine cylinders. Weighing scales are recommended to be provided for weighing cylinders at all plants utilizing chlorine gas.

At the time of the inspection, site glasses were either missing or broken for some of the hydropneumatic tanks. It is recommended that the system to keep the sight glasses in working conditions even though there were sensor that can test water level in the tank.

William Lewis Road well site has additional treatment except simple disinfection at the time of the inspection. It is recommended that the system operator be familiar with the dosage calculation of the chemicals being used and ensure the application of the chemicals are in compliance with maximum use level specified by NSF. It was learned that the monitoring of phosphate was contracted to a chemical supplier so the system did not retain those monitoring record at the time of the inspection. It is recommended that the system keep the operational data and monitoring data for proper dosage. The chemical injection pipes were covered with insulations and thus hard to be differentiated It is recommended that the system label different chemical injection pipes and mark flow direction on filters for easy identification.

It was learned that the system is performing system wide flushing every six months at the time of the inspection; however, there was no written record. It is highly recommended that the system develop a flushing program and implement it accordingly. All flushing activities should be documented and the flushing program should be periodically evaluated for effectiveness.

It was learned that the system was trying to conduct well pumping test, tank and filter inspection as recommended but not all the work was documented. It is highly recommended that the system keep track of all the preventative and maintenance work and made the record available for review upon request.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13

Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1812857-002	Routine	11/14/2018		1.250	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: GR003

Category: Finished Water Storage

Attachment Comments: The overflow did not terminate properly at the time of the inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70190700000059891956

July 23, 2019

John Dawsey
ANGIE WATER SUPPLY
64475 Cherry St
Angie, LA 70426

Re: Class I Sanitary Survey
ANGIE WATER SUPPLY Public Water System
PWS ID LA1117008
WASHINGTON Parish

Dear Mr. Dawsey:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 1, 2019 sanitary survey inspection of the public water supply system for ANGIE WATER SUPPLY (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
John Dawsey	Angie Water Supply
Huey Newcomb	Angie Water Supply

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	Ground storage tank overflow was located outside of the fence. Per LAC 51:XII.315.A, all public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked; said areas shall be locked when unattended. The fence shall be resistant to climbing and at least 6 feet high. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Threaded taps and hoses were connected without a vacuum breaker. Per LAC 51:XII.343.A, there shall be no physical connection between a public water supply and any other water supply which is not of equal sanitary quality and under an equal degree of official supervision; and there shall be no connection or arrangement by which unsafe water, hazardous fluid or contamination may enter a public water supply system. **See Attachment #2 and #3**
FACILITY	CATEGORY	FINDINGS
TP001 - WELL NO.1& WELL 2	Treatment	The water system wasn't using a NSF approved chemical. Per LAC 51:XII.325.A, chemicals used in the treatment of water to be used for potable purposes shall either meet the standards of the American Water Works Association or meet NSF 60 requirements as verified by an ANSI accredited testing agency. System wetted components shall meet NSF 61 as verified by an ANSI accredited testing agency. **See Attachment #4**

FACILITY	CATEGORY	FINDINGS
1117008-002 - ANGIE WATER WELL NO 2 (SOUTH)	Source	The Southernmost well did not have a slab. Per LAC 51:XII.319.D.7, there shall be no pathway for contamination into the well casing or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. Per LAC 51:XII.327.A.9, every dug well, spring, or other structure used as a source of potable water, or for the storage of potable water, shall be provided with a watertight cover. Covers and every pump room floor shall be constructed of concrete or similar impervious material, and shall be elevated above the adjacent ground level and sloped to facilitate the rapid removal of water so as to provide drainage from the cover or floor and prevent contamination of the water supply. Such cover or floor shall be constructed so that there are no copings, parapets, or other features which may prevent proper drainage, or by which water can be held on the cover. Concrete floors or cover slabs shall be of such thickness and so reinforced as to carry the load which may be imposed upon it, but in no case less than 4 inches thick. **See Attachment #5**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Copies of previous three sanitary surveys were not available. Per LAC 51:XII.1505.D, an approved chemical laboratory/drinking water shall ensure that records and reports are satisfactorily maintained and retrievable. Copies of records and reports for any off-site approved chemical laboratory/drinking water shall be filed in a folder identifying the public water system by name as well as its public water system identification number (PWS ID #).

FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC	Finished Water Storage	Hydropneumatic tank did not have a working sight glass. Per LAC 51:XII.229.E, each tank shall have an access manhole, a drain, and control equipment consisting of a pressure gauge, water sight glass, automatic or manual air blow-off, means for adding air, and pressure operated start-stop controls for the pumps.
FACILITY	CATEGORY	FINDINGS
TP001 - WELL NO.1& WELL 2	Treatment	Chemical containers did not have secondary containment. Per LAC 51:XII.203.I.4.b, liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank.
FACILITY	CATEGORY	FINDINGS
1117008-001 - ANGIE WATER WELL NO.1 (NORTH)	Source	The Northernmost well and discharge piping showed signs of corrosion. Per LAC 51:XII.169.H.3.a, the discharge piping shall be protected against the entrance of contamination. **See Attachment #6**
FACILITY	CATEGORY	FINDINGS
1117008-002 - ANGIE WATER WELL NO 2 (SOUTH)	Source	The Southernmost well and discharge piping showed signs of corrosion. Per LAC 51:XII.169.H.3.a, the discharge piping shall be protected against the entrance of contamination. **See Attachment #5**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and

nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, PWS shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that PWS has implemented with respect to the matters detailed in the complaint. PWS shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.

2. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that Angie Water Supply is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.

2. It was mentioned that the PWS has backflow prevention on all connections but has no records of backflow preventer testing. All community water supplies should assess the potential for back flow, especially should there be any high risk connections to the system. Backflow preventers shall be tested by a state Plumbing Board of Louisiana (SPBLA)-licensed plumber who holds an SPBLA water supply protection specialist endorsement on his/her plumbing license pursuant to R.S. 37:1361 et seq., and its implementing regulations (LAC 46:LV.101 et seq.); or, by a backflow prevention assembly tester who meets ASSE 5110-2009 (backflow prevention assembly tester professional qualification standard), or other individuals holding a testing certificate from

a nationally recognized backflow certification organization approved by the state health officer. Backflow preventers associated with a landscape irrigation system may be tested by a Horticulture Commission of Louisiana-licensed landscape irrigation contractor who holds an SPBLA-issued special water supply protection specialist endorsement in accordance with R.S. 3:3808(P).

3. The PWS has stated that there was an ordinance passed for their cross connection plan but is recommended that a physical copy is kept on file.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1905569-001	Routine	6/5/2019		0.960	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Security

Attachment Comments: Portion of Storage tank outside of fence



Attachment #2

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Hose connected without a vacuum breaker



Attachment #3

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Hose connected without a vacuum breaker



Attachment #4

Severity: Significant

Facility ID: WELL NO.1& WELL 2

Category: Treatment

Attachment Comments: Chemical used for treatment



Attachment #5

Severity: Significant

Facility ID: ANGIE WATER WELL NO 2 (SOUTH)

Category: Source

Attachment Comments: Well and discharge piping with signs of wear and corrosion. Also well does not have a slab



Attachment #6

Severity: Minor

Facility ID: ANGIE WATER WELL NO.1 (NORTH)

Category: Source

Attachment Comments: Well and discharge piping with signs of wear and corrosion.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 1970 0000 7349 1771

June 7, 2019

Mary Adams
BOGUE-LUSA WATER WORKS DISTRICT
26070 Hwy 21
Angie, LA 70426

Re: Class I Sanitary Survey
BOGUE-LUSA WATER WORKS DISTRICT Public Water System
PWS ID LA1117009
WASHINGTON Parish

Dear Ms. Adams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 22, 2019 sanitary survey inspection of the public water supply system for BOGUE-LUSA WATER WORKS DISTRICT (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Mary Adams	Operator

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR003 - Ground on Knapp Thomas Road	Finished Water Storage	A required twenty-four mesh non-corrodible screen was not observed behind the flapper valve on the overflow of the Knapp Thomas Road ground storage tank. The required mesh must be installed per LAC 51:XII.225.I.2.b.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	The overflows of the ground water storage at well No.1 and No.3 site terminated on the ground at the time of the inspection. Per LAC 51:XII.225.I.1, all water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1117009-001 - WELL NO 1 (NORTH)	Source	There was no flow meter and no gate valve on the well discharge pipe at the time of the inspection. Per LAC 51:XII.169.H.3.iv, the well discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with

regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

At the time of the inspection, there were no scales provided for gaseous chlorine cylinders. Weighing scales are recommended to be provided for weighing cylinders at all plants utilizing chlorine gas.

Wardline Road well site has additional treatment except simple disinfection at the time of the inspection. It is recommended that the system operator be familiar with the dosage calculation of the chemicals being used and ensure the application of the chemicals are in compliance with maximum use level specified by NSF. It was learned that the monitoring of phosphate was contracted to a chemical supplier so the system did not retain those monitoring record at the time of the inspection. It is recommended that the system keep the operational data and monitoring data for proper dosage. The chemical injection pipes were covered with insulations and thus hard to be differentiated It is recommended that the system label different chemical injection pipes and mark flow direction on filters for easy identification.

It was learned that the system was performing system wide flushing every six months at the time of the inspection; however, there was no written record. It is highly recommended that the system develop a flushing program and implement it accordingly. All flushing activities should be documented and the flushing program should be periodically evaluated for effectiveness.

It was learned that the system was trying to conduct well pumping test, tank and filter inspection as recommended but not all the work was documented. It is highly recommended that the system keep track of all the preventative and maintenance work and made the record available for review upon request.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

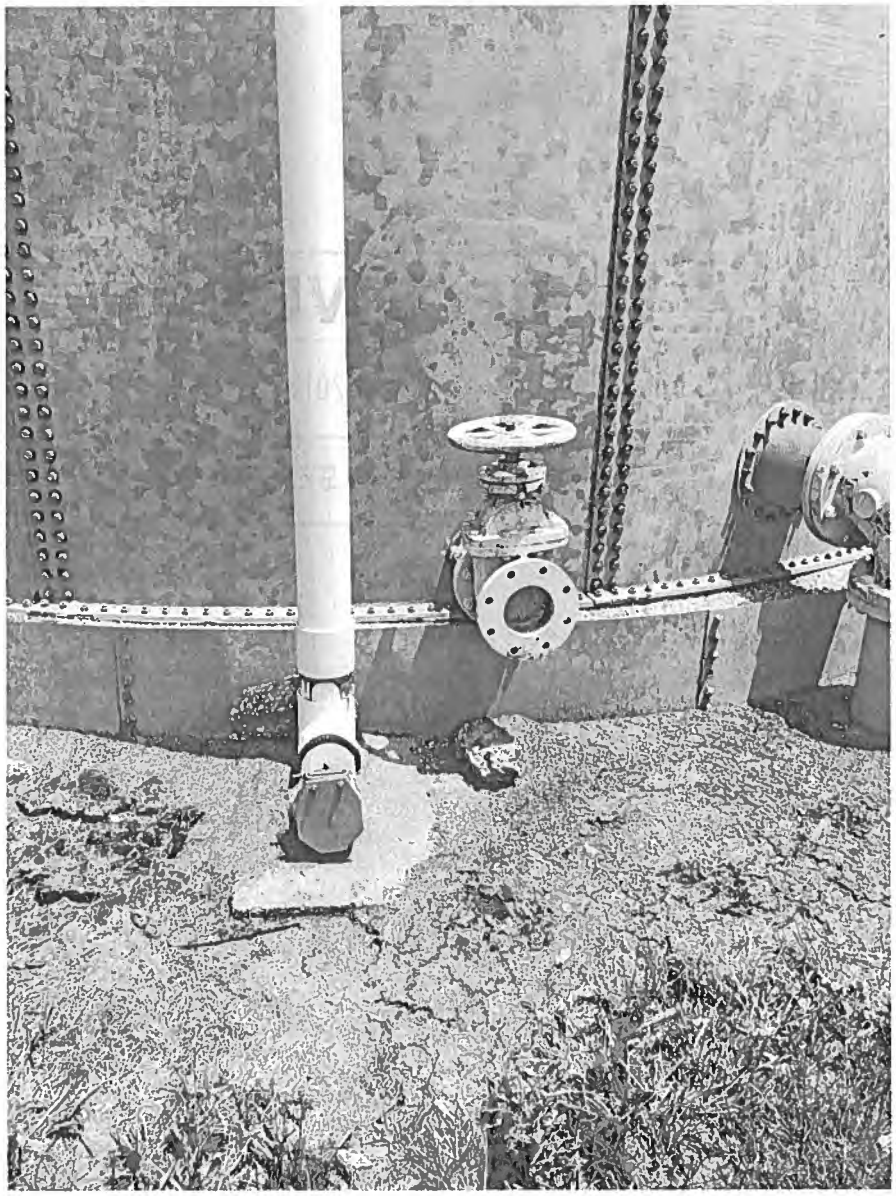
Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: GROUND

Category: Finished Water Storage

Attachment Comments: The overflow terminated on the ground at the time of the inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70190700000059892014

July 23, 2019

Greg Harris
WILLA VILLA MOBILE HOME
250 Willa Villa Drive #8
Bogalusa, LA 70427

Re: Class I Sanitary Survey
WILLA VILLA MOBILE HOME Public Water System
PWS ID LA1117019
WASHINGTON Parish

Dear Mr. Harris:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 1, 2019 sanitary survey inspection of the public water supply system for WILLA VILLA MOBILE HOME (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
Greg Harris	Willa Villa Trailer Park

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	Chlorine residuals were being measured with free chlorine test strips. Per LAC 1105.C, public water systems shall conduct analysis for applicable residual disinfectant concentrations in accordance with approved methods.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Water system did not have a written cross connection plan. Per LAC 51:XII.344.B, in order to protect its water supply from potential contamination, each water supplier shall develop and implement a written backflow prevention plan outlining the policies and procedures it will use to verify that its customers comply with mandatory containment practices, and shall make a reasonable effort to ensure that only customers who comply with mandatory containment practices connect or remain connected to its water supply.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT #1	Treatment	The water system wasn't using a NSF approved chemical. Per LAC 51:XII.325.A, chemicals used in the treatment of water to be used for potable purposes shall either meet the standards of the American Water Works Association or meet NSF 60 requirements as verified by an ANSI accredited testing agency. System wetted components shall meet NSF 61 as verified by an ANSI accredited testing agency. **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Copies of previous three sanitary surveys were not available. Per LAC 51:XII.1505.D, an approved chemical laboratory/drinking water shall ensure that records and reports are satisfactorily maintained and retrievable. Copies of records and reports for any off-site approved chemical laboratory/drinking water shall be filed in a folder identifying the public water system by name as well as its public water system identification number (PWS ID #).
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT #1	Treatment	Chlorine tank did not have secondary containment. Per LAC 51:XII.203.J.10, liquid storage tanks shall be located and secondary containment provided so that chemicals from equipment failure, spillage or accidental drainage shall not enter the water in conduits, treatment or storage basins. Secondary containment volumes shall be able to hold the volume of the largest storage tank. Piping shall be designed to minimize or contain chemical spills in the event of pipe ruptures.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, Willa Villa Mobile Home shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that PWS has implemented with respect to the matters detailed in the complaint. PWS shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.

2. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that Willa Villa Mobile Home is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.

2. If threaded taps and hoses are used they need to be equipped with a vacuum breaker for backflow prevention.

3. The well vent and its casing are showing signs of corrosion and should have some maintenance done. Also the well vent should be securely attached to the well casing and cleaned.

4. It is recommended to keep all files organized and easily accessible.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
927	03/25/2019	LEAD CONSUMER NOTICE (LCR)	01/01/2016 - 12/31/2018

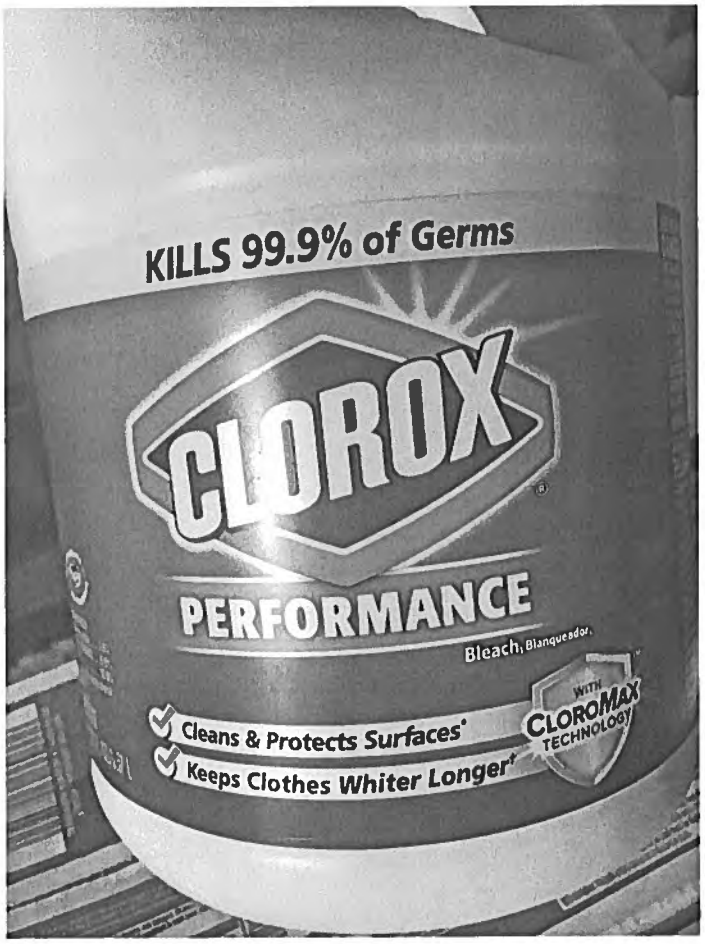
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: TREATMENT PLANT #1

Category: Treatment

Attachment Comments: Chemical used for treatment

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8242

July 10, 2019

W E Edrington, III
MOUNT HERMAN WATER DISTRICT
P O Box 66396
Baton Rouge, LA 70896

Re: Class I Sanitary Survey
MOUNT HERMAN WATER DISTRICT Public Water System
PWS ID LA1117021
WASHINGTON Parish

Dear Mr. Edrington, III:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 28, 2019 sanitary survey inspection of the public water supply system for MOUNT HERMAN WATER DISTRICT (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Bret McKinney	French Settlement Water Company

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The water system did not have a cross connection plan at the time of inspection. LAC 51:XII.344.B - In order to protect its water supply from potential contamination, each water supplier shall develop and implement a written backflow prevention plan outlining the policies and procedures it will use to verify that its customers comply with mandatory containment practices, and shall make a reasonable effort to ensure that only customers who comply with mandatory containment practices connect or remain connected to its water supply.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	The booster pump piping was heavily rusted at the time of inspection. **See Attachment #1** LAC 51:XII.225.S - Painting and/or cathodic protection. Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that PWS is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written inspection program for the ground storage tank. For steel tanks AWWA M42 recommends the maximum interval for periodic inspections of the tank interior should normally be three (3) years. It is usually advisable to wash out the tank at the time of inspection.

2. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

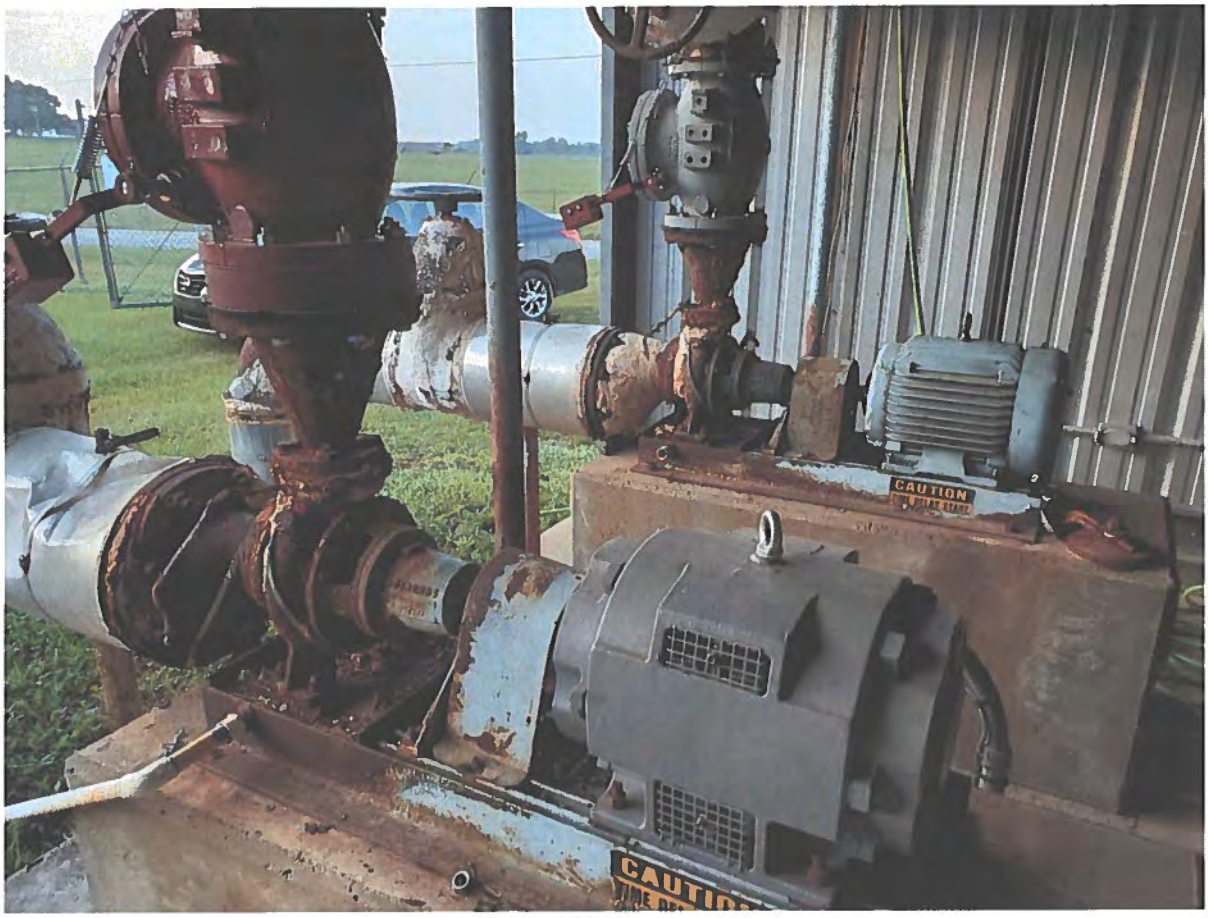
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,

Eric Brown,
Engineer Intern

cc: Amanda Ames, P.E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: GROUND

Category: Finished Water Storage

Attachment Comments: The booster pump piping was heavily rusted at the time of inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70190700000059891970

August 2, 2019

Kelly Lucas
RON SON BEAR
42175 Hwy 16
Franklinton, LA 70438

Re: Class I Sanitary Survey
RON SON BEAR Public Water System
PWS ID LA1117022
WASHINGTON Parish

Dear Ms. Lucas:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 25, 2019 sanitary survey inspection of the public water supply system for RON SON BEAR (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
Harvey Conerly	Representative
Rickey Hebert	Ron Son Bear
Kelly Lucas	Ron Son Bear

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
04/21/2014	05/20/2014	Sanitary Survey, Finished	Significant	Source	1117022-001-RON SON BEAR WELL NO. 1 (1996)
Comments: A means of measuring flow, such as a Master Meter is not provided. The discharge pipe of the well must be equipped with a means of measuring flow as per TSS 3.2.7.3.a.4.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
04/21/2014	05/20/2014	Sample collection	Significant	Source	1117022-001-RON SON BEAR WELL NO. 1 (1996)
Comments: A means of measuring flow, such as a Master Meter is not provided. The discharge pipe of the well must be equipped with a means of measuring flow as per TSS 3.2.7.3.a.4.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Appropriate backflow prevention device(s) must be properly installed, repaired as needed, and maintained to prevent the possibility of unsafe water from entering the public water supply. Per LAC 51:XII.319.D.2 and LAC 51:XII.343.A - There shall be no physical connection between a public water supply and any other water supply which is not of equal sanitary quality and under an equal degree of official supervision; and there shall be no connection or arrangement by which unsafe water, hazardous fluid or contamination may enter a public water supply system. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The water system must develop a cross connection control plan outlining the backflow prevention policies and procedures. The water system must implement the plan and maintain documentation of

		customers surveyed, identification of customers requiring backflow prevention devices, a record of annual testing for each device, and enforcement actions taken at non-compliant connections. Per LAC 51:XII.344.B - In order to protect its water supply from potential contamination, each water supplier shall develop and implement a written backflow prevention plan outlining the policies and procedures it will use to verify that its customers comply with mandatory containment practices.
FACILITY	CATEGORY	FINDINGS
1117022-001 - RON SON BEAR WELL NO. 1 (1996)	Source	Provide for at least two (2) approved sources of water. Consult with a licensed Professional Engineer (LA) or licensed well driller as necessary. Discuss actions with LDH prior to taking action. Please contact LDH for questions related to public notification in lieu of construction. Per LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless otherwise specified by the state health officer.
FACILITY	CATEGORY	FINDINGS
1117022-001 - RON SON BEAR WELL NO. 1 (1996)	Source	Repair or replace the well slab. Grade the well site to prevent standing water and facilitate drainage away from the well. Per LAC 51:XII.319.D.7 - There shall be no pathway for contamination into the well casing or discharge piping. The well site grading... shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	Provide required overflow and receiving basin. Per LAC 51:XII.I.203.I.4.b - Liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank.
FACILITY	CATEGORY	FINDINGS
1117022-001 - RON SON BEAR WELL NO. 1 (1996)	Source	The well vent must be properly screened and terminate in a downward direction to prevent contamination of the well. Per LAC 51:XII.327.A.11-12 - All potable water well casings shall be vented to atmosphere as provided in 327.A.12 below, with the exception that no vent will be required when single-pipe jet pumps are used. All potable water well vents shall be so constructed and installed as to prevent the entrance of contamination. All vent openings shall be piped water tight to a point not less than 24 inches above the highest flood level which may have occurred in a 10-year period, but in no case less than 24 inches above the ground surface. Such vent openings and extensions thereof shall be not less than 1/2 inch in diameter, with extension pipe firmly attached thereto. The openings of the vent pipes shall face downward and shall be screened to prevent the entrance of foreign matter.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, Ron Son Bear shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that PWS has implemented with respect to the matters detailed in the complaint. PWS shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.
2. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that Ron Son Bear is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.
2. It is recommended to keep all files organized and easily accessible.
3. Develop and implement a valve exercising program. A valve exercise program will help locate closed values and ensures looped pipelines are operating as designed.
4. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years.
5. Hydropneumatic tanks and their components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if

provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

6. It is recommended the system develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Threaded tap without a vacuum breaker



Attachment #2

Severity: Significant

Facility ID: RON SON BEAR WELL NO. 1 (1996)

Category: Source

Attachment Comments: Well slab

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7015 3010 0000 4003 7720

August 21, 2019

Mary Jenkins
29 PALMS TRAILER PARK
59540 Keaton Rd.
Angie, LA 70426

Re: Class I Sanitary Survey
29 PALMS TRAILER PARK Public Water System
PWS ID LA1117023
WASHINGTON Parish

Dear Ms. Jenkins:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 8, 2019 sanitary survey inspection of the public water supply system for 29 PALMS TRAILER PARK (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Mary Jenkins	29 Palms

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/11/2017	09/12/2017	Sanitary Survey, Finished	Significant	Operator Compliance with State Requirements	Management
Comments: All public water supplies shall be under the supervision and control of a duly certified operator as per requirements of the State Operator Certification Act, Act 538 of 1972, as amended. The water system is not under the control and supervision of a duly certified operator. The water system, per population and system design at the time of the survey, must be placed under the supervision and control of a certified operator holding at least level one certifications in the categories of Water Production and Water Distribution. The operator certification office can be reached by phone at 225-342-7508. The operator certification website is: http://www.dhh.louisiana.gov/index.cfm/page/416					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/11/2017	09/12/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: Chlorine residuals must be monitored daily at the water production (POE) site. A critical point (MRT), the location in the water system furthest from treatment, must be monitored daily. An addition chlorine residual check must be made monthly at the ACR site. These points were established doing the submittal of the Monitoring Plan on the Monitoring Portal website. A free chlorine residual of 0.5mg/L is required at all times and at all locations tested. Please start measuring and recording the residuals at the locations described using a digital chlorine analyzer. Residuals must also be recorded on the "DHH Approved Chlorine Residual Forms", which can be founded at http://new.dhh.louisiana.gov/index.cfm/page/1725					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	There was no cross connection control plan available for review at the time of the inspection. Per LAC 51:XII.344, each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.

FACILITY	CATEGORY	FINDINGS
TP001 - 29 PALMS TRAILER PARK TP	Treatment	Multiple letters of violation for low chlorine have been issued to the system since the chlorinator pump failed in August, 2018. There was still no functioning disinfectant pump at the time of the inspection. Per LAC 51: XII.357.A, disinfection equipment shall be operated to maintain disinfectant residuals in each finished water storage tank and at all points throughout the distribution system at all times in accordance with the following minimum levels. 1. a free chlorine residual of 0.5 mg/l, or, 2. a chloramine residual (measured as total chlorine) of 0.5 mg/l for those systems that feed ammonia. The system shall restore the disinfection system to working condition as soon as possible. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1117023-001 - 29 PALMS TRAILER PARK WELL	Source	At the time of inspection, there was no secondary source of water. Per LAC 51:XII.169.B.2, when groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - 29 PALMS TRAILER PARK TP	Treatment	A calibration tube or mass flow monitor was not installed at time of the inspection. Per LAC 51: XII.209.D.2.d, calibration tube shall be installed to monitor and adjust feeding rate.
FACILITY	CATEGORY	FINDINGS
TP001 - 29 PALMS TRAILER PARK TP	Treatment	There was neither liquid level indicator nor receiving basin for the disinfectant tank at the time of the inspection. Per LAC 51:XII.203.I.4.b, liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
TP001 - 29 PALMS TRAILER PARK TP	Treatment	There was no detectable chlorine residual in the distribution at the time of the inspection. Per LAC 51:XII.355.A, routine, continuous disinfection is required of all public water systems. 1. Where a continuous chloramination (i.e., chlorine with ammonia addition) method is used, water being delivered to the distribution system shall contain a

		minimum concentration of 0.5 mg/l of chloramine residual (measured as total chlorine). 2. Where a continuous free chlorination method is used, water being delivered to the distribution system shall contain a minimum concentration of free chlorine residual in accordance with the following table. pH up to 7.0 requires 0.5 mg/l free chlorine, pH 7.0 - 8.0 requires 0.6 mg/l free chlorine, pH 8.0 - 9.0 requires 0.8 mg/l free chlorine, pH over 9.0 requires 1.0 mg/l free chlorine.
FACILITY	CATEGORY	FINDINGS
TP001 - 29 PALMS TRAILER PARK TP	Treatment	There was no replacement pump available since the chlorinator pump failed in 2018. Per LAC 51: XII.179. B.3, standby equipment shall be available to replace/repair a critical unit unless an alternative is approved by the state health officer. Spare parts shall be readily available to replace parts subject to wear and breakage.
FACILITY	CATEGORY	FINDINGS
1117023-001 - 29 PALMS TRAILER PARK WELL	Source	There was no flow meter on the well discharge pipe at the time of the inspection. Per LAC 51:XII.169.H.3.iv, the well discharge piping shall be equipped with a means of measuring flow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the

tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

2. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

3. Develop and implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains.

4. A well pumping test is currently not performed - pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1908122-001	Repeat	8/8/2019		0.000	
A1908122-002	Repeat	8/8/2019		0.010	

A1908122-003	Repeat	8/8/2019		0.000	
A1908122-004		8/8/2019		0.000	
A1907741-001	Routine	8/6/2019		0.000	

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
1806	11/05/2018	LEAD & COPPER RULE	01/01/2018 - 12/31/2018

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
1819	07/26/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	07/01/2019 - 07/31/2019
1818	06/06/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	06/01/2019 - 06/30/2019
1817	05/30/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	05/01/2019 - 05/31/2019
1815	04/08/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
1814	04/04/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	04/01/2019 - 04/30/2019
1813	04/02/2019	CCR REPORT	
1812	03/19/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	03/01/2019 - 03/31/2019
1811	02/22/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
1810	02/13/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	02/01/2019 - 02/28/2019
1809	01/10/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	01/01/2019 - 01/31/2019

1808	01/02/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	12/01/2018 - 12/31/2018
1807	11/19/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	11/01/2018 - 11/30/2018
1805	10/18/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	10/01/2018 - 10/31/2018
1804	09/10/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	09/01/2018 - 09/30/2018
1803	08/29/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	08/01/2018 - 08/31/2018
1802	08/28/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	07/01/2018 - 07/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: 29 PALMS TRAILER PARK TP

Category: Treatment

Attachment Comments: The disinfectant pump was not working at the time of the inspection.



Attachment #2

Severity: Minor

Facility ID: 29 PALMS TRAILER PARK TP

Category: Treatment

Attachment Comments: There was no receiving basin for the chlorine tank at the time of the inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70190700000059891987

August 2, 2019

Billy E. Seal
HAPPY ACRES MOBILE HOME PARK
42174 Seal Rd
Franklinton, LA 70438

Re: Class I Sanitary Survey
HAPPY ACRES MOBILE HOME PARK Public Water System
PWS ID LA1117024
WASHINGTON Parish

Dear Mr. Seal:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 25, 2019 sanitary survey inspection of the public water supply system for HAPPY ACRES MOBILE HOME PARK (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
Harvey Conerly	Representative
Crystal Oliphant	Happy Acres MHP

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Appropriate backflow prevention device(s) must be properly installed, repaired as needed, and maintained to prevent the possibility of unsafe water from entering the public water supply. Per LAC 51:XII.319.D.2 and LAC 51:XII.343.A - There shall be no physical connection between a public water supply and any other water supply which is not of equal sanitary quality and under an equal degree of official supervision; and there shall be no connection or arrangement by which unsafe water, hazardous fluid or contamination may enter a public water supply system.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection records were not available because of relocation and changing of system manager. Request may be made at a later time and further comments may arise. Per LAC 51:XII.1505.D - An approved chemical laboratory/drinking water shall ensure that records and reports are satisfactorily maintained and retrievable. Copies of records and reports for any off-site approved chemical laboratory/drinking water shall be filed in a folder identifying the public water system by name as well as its public water system identification number (PWS ID #).
FACILITY	CATEGORY	FINDINGS
1117024-001 - HAPPY ACRES MHP WELL 001	Source	A means of measuring flow must be provided. Per LAC 51:XII.169.H.3.a.iv - The discharge piping shall be equipped with ... A means of measuring flow.

FACILITY	CATEGORY	FINDINGS
1117024-001 - HAPPY ACRES MHP WELL 001	Source	The discharging pipe, well, and other components must be maintained to protect against the entrance of contamination. Provide required protection. Per LAC 51:XII.169.H.3.a.viii - The discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage and freezing.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, Happy Acres Mobile Home Park shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that PWS has implemented with respect to the matters detailed in the complaint. PWS shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.

2. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that Happy Acres Mobile Home Park is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. It is recommended that the operator obtain chorine testing procedures for high and low ranges for all parties responsible for testing chlorine residuals. It is recommended that these procedures be stored with the colorimeter(s) for easy reference. These procedures can be downloaded and printed form the manufacturer's website.

2. It is recommended to keep all files organized and easily accessible.

3. Develop and implement a valve exercising program. A valve exercise program will help locate closed values and ensures looped pipelines are operating as designed.

4. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years.

5. Hydropneumatic tanks and their components should be routinely inspected by operators and the results documented. Inspections typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

6. It is recommended the system develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

7. It is recommended that the extra chemicals be stored in another safe location to reduce clutter around the well.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
610	08/24/2018	OCCT/SOWT INSTALL DEMONSTRATION (LCR)	01/01/2017 - 12/31/2017

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1574

June 28, 2019

Mary Adams
VARNADO WATER WORKS - PINE
26070 Hwy 21
Angie, LA 70426

Re: Class I Sanitary Survey
VARNADO WATER WORKS - PINE Public Water System
PWS ID LA1117025
WASHINGTON Parish

Dear Ms. Adams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 5, 2019 sanitary survey inspection of the public water supply system for VARNADO WATER WORKS - PINE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Eric Brown	LDH-OPH Region IX Engineer
Jacob Haffner	LDH-OPH District II Engineer
John Williams	LDH-OPH Deputy Chief Engineer
Louis Adams	Varnado Water Works
Mary Adams	Varnado Water Works
Otis Carter	Varnado Water Works
Blake Stogner	Varnado Water Works

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing,

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R. §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/30/2014	11/24/2014	Sanitary Survey, Finished	Significant	Finished Water Storage	GR001-PINE GROUND STORAGE TANK
Comments: The ground storage tank overflow invert is less than 12 inches above the ground and does not face downward. The overflow shall be made to face downward and discharge at an elevation not less than 24 inches above the ground surface.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
10/30/2014	11/24/2014	Sanitary Survey, Finished	Significant	Finished Water Storage	GR001-PINE GROUND STORAGE TANK
Comments: The overflow for the ground storage tank does not open downward; it terminates horizontally. The overflow must be made to open downward.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
10/30/2014	11/24/2014	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT PLANT
Comments: A receiving basin capable of receiving accidental spills or overflows is not provided for the TMB-901 storage container. A receiving basin should be provided.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1117025-001 - VARNADO WWKS / PINE SYSTEM WELL	Source	The well discharge flow meter and pressure gauge were inoperable at the time of inspection. **See Attachment #1** LAC 51:XII.169.H.3.a.iv - The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, and a means of measuring flow.
FACILITY	CATEGORY	FINDINGS
1117025-001 - VARNADO WWKS / PINE SYSTEM WELL	Source	There was no secondary water source at the time of inspection. LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply or for any non-community water supply serving a hospital, a minimum of two approved and active groundwater wells (or, if not a second well, connection to another approved water supply of sufficient capacity) shall be provided.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	The feed rate and dose for TMB-901 was unknown/not determined at the time of inspection. It is unknown if the product is being used in compliance with its NSF maximum use level of 87 mg/L. LAC 51:XII.325.A - Chemicals used in the treatment of water to be used for potable purposes shall either meet the standards of the American Water Works Association or meet NSF 60 requirements as verified by an ANSI accredited testing agency. System wetted components shall meet NSF 61 as verified by an ANSI accredited testing agency.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Required by Law

1. In accordance with the provisions found in ACT No. 292, PWS shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that PWS has implemented with respect to the matters detailed in the complaint. PWS shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.

2. In accordance with the provisions found in ACT No. 292, PWS is here-by notified that PWS is required to implement a demonstrated flushing program. A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a flushing program.

3. Based upon our review of complaint records, it is recommended, and required by ACT No. 292, that owner or operator undertake an appropriate training course incorporating topics concerning proper customer service, customer relations, public relations, or related matters. The training may be delivered by the state, a contractor of the state, or a state-recognized trainer. Within 60 days of receipt of this survey attend the requisite, approved training.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. The head loss gauges for the greensand filters were broken and/or turned off and there was no backwash flow meter. The head loss gauges shall be operable and the backwash shall be equipped with a flow meter. Please provide written operation and maintenance specifications for the greensand filters that includes recommended differential pressure across each filter, testing required by the manufacturer, manufacturer specifications and requirements, etc.

2. Develop and implement a written inspection program for the ground storage tank. For steel tanks AWWA M42 recommends the maximum interval for periodic inspections of the tank interior should normally be three (3) years. It is usually advisable to wash out the tank at the time of inspection.

3. Develop and implement a written inspection program for the hydropneumatic tank. The exterior and interior of large hydropneumatic tanks should be inspected by a specialist in steel tank structure and coating (paint) approximately every five (5) to ten (10) years. The tank and its components should be routinely inspected by operators and the results documented. Inspections

typically include, but are not be limited to, evidence of pressure fluctuation during cycling, number of cycles/hour, leaking water, leaking air, air-to-water ratio, presence of sediment in the tank (via the sight tube if provided), surface condition (paint/metal), air compressor (if provided), control systems and alarms, and foundation supports.

4. Develop and implement a written preventive maintenance (PM) program. Perform preventative maintenance in accordance with the manufacturer's recommendations. Written documentation of all preventative maintenance taken shall be maintained on-site and be made available for review upon request for a period of not less than five (5) years.

5. A well pumping test is currently not performed - pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests should be performed on all community wells and non-community wells serving a hospital at a frequency of not less than once every two (2) years. Pumping tests are used to determine how much groundwater can be taken from the well, what effects pumping will have on the aquifer, what effect pumping will have on neighboring well supplies, the appropriate pump size and type, and the appropriate pump depth.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Eric Brown,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4952.

Respectfully,

Eric Brown,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Attachment Comments: The pressure gauge on the discharge piping was not working at the time of inspection.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 5989 1901

September 16, 2019

Alex Williams
UTILITIES INC - NORTH FOLSOM HILLS
201 Holiday Boulevard, Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
UTILITIES INC - NORTH FOLSOM HILLS Public Water System
PWS ID LA1117026
WASHINGTON Parish

Dear Mr. Williams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 5, 2019 sanitary survey inspection of the public water supply system for UTILITIES INC - NORTH FOLSOM HILLS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Alvin Kennedy	Utilities Inc of La

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

1. The system is treating the water with multiple chemicals, caustic soda, TMB 439 in addition to chlorine disinfectant at the time of the inspection. It is recommended that the system operator be familiar with the dosage calculation of the chemicals being used and ensure the application of the chemicals are in compliance with maximum use level specified by NSF.
2. It was learned that the monitoring of phosphate was contracted to a chemical supplier so the system did not retain those monitoring record at the time of the inspection. It is recommended that the system keep the operational data and monitoring data for proper dosage.
3. At the time of the inspection, the chemical injection pipes were covered with insulations and thus hard to be differentiated. It is recommended that the system label different chemical injection pipes and mark flow direction on filters for easy identification.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 1970 0000 7349 1719

February 15, 2019

Tom Dluca
SANDSTONE LAKE WATER SUPPLY
12680 Diamond Court
Franklinton, LA 70438

Re: Class I Sanitary Survey
SANDSTONE LAKE WATER SUPPLY Public Water System
PWS ID LA1117127
WASHINGTON Parish

Dear Mr. Dluca:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 24, 2019 sanitary survey inspection of the public water supply system for SANDSTONE LAKE WATER SUPPLY (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Poppi W Crain	OPH Region IX Engineering
Tom Dluca	Sandstone Lake
Robert Gilbride	Gilbride Aqua Service

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1117127-001 SANDSTONE LAKE WELL 001	Source	The sanitary seal is leaking/flowing. **See Attachment #1**

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Poppi W Crain, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
25	03/14/2018	PUBLIC NOTICE RULE LINKED TO VIOLATION	

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4953.

Respectfully,

Poppi W Crain, R.S.
Region 9 Sanitarian

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: SANDSTONE LAKE WELL 001

Category: Source

Attachment Comments: Sandstone Well - flowing water from casing.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70171000000031758372

April 22, 2019

Deborah L. Eckert
PAPA JS HWY MART
50479 Hwy 1072
Franklinton, LA 70438

Re: Class I Sanitary Survey
PAPA JS HWY MART Public Water System
PWS ID LA2117109
WASHINGTON Parish

Dear Ms. Eckert:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 3, 2019 sanitary survey inspection of the public water supply system for PAPA JS HWY MART (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Corey Harris	LDH-OPH Region IX Engineer
Eric Brown	LDH-OPH Region IX Engineer
Deborah L. Eckert	Papa J's Hwy Mart
John Mixen	Boondock Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a

failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Per LAC 51:XII.311.A, all records shall be made available for review during inspections/sanitary surveys performed by the state health officer. At the time of inspection, bacteriological and chemical records were not provided. Additional requests for records were not met.
FACILITY	CATEGORY	FINDINGS
TP001 - PAPA JS HWY MART TREATMENT PLANT	Treatment	Per LAC 51:XII.203.I.4.b, liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge. Liquid Chlorine did not have secondary containment at time of inspection. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
2117109-001 - PAPA JS HWY MART WELL #1	Source	Per LAC 51:XII.169.H.3.a.iv, the well discharge piping shall be equipped with a means of measuring flow. There was no flow meter at the time of inspection.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and

nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Corey Harris,
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

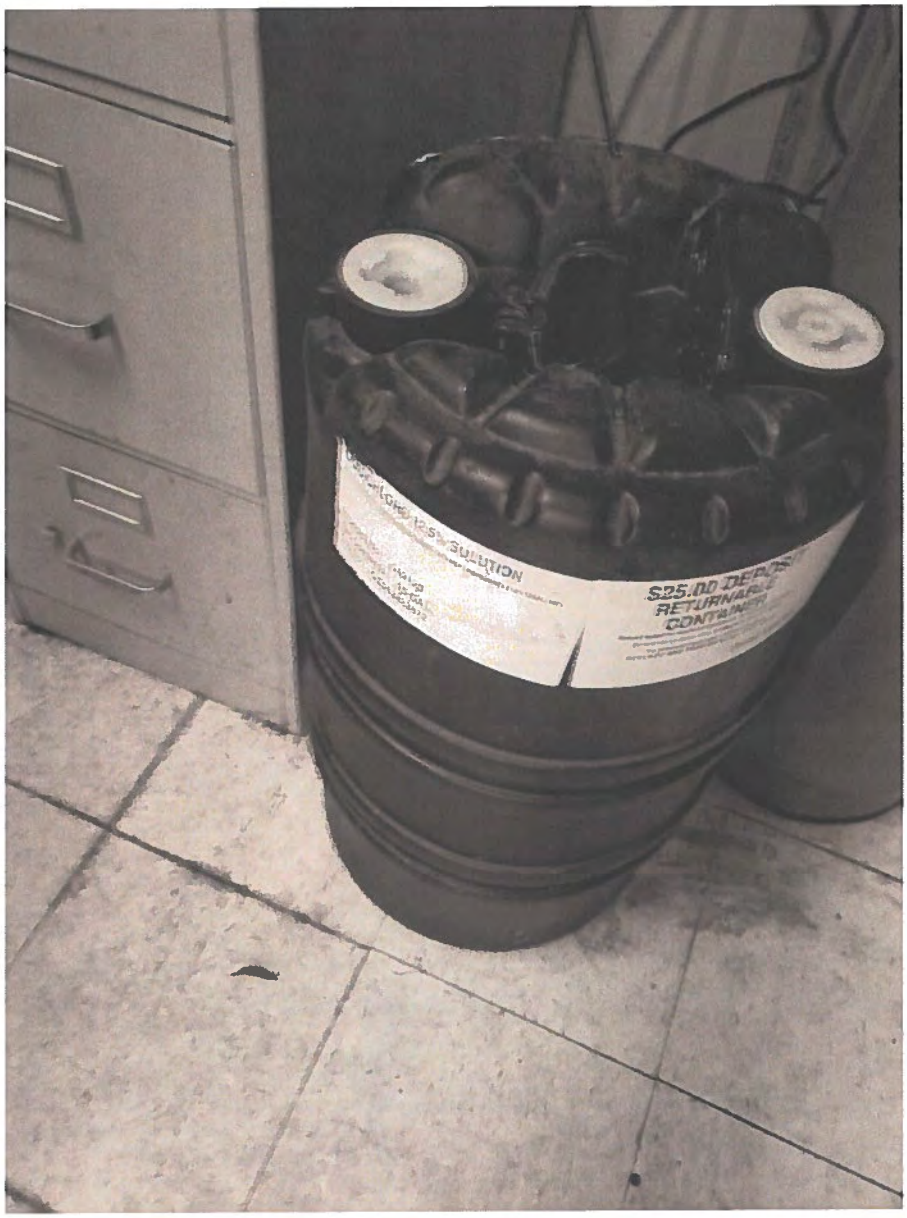
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4957.

Respectfully,

Corey Harris,
Engineer Intern

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: PAPA JS HWY MART TREATMENT PLANT

Category: Treatment

Attachment Comments: Chemical storage tank shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge.

John Bel Edwards
GOVERNOR

Rebekah E. Gee
MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 70171000000031758327

May 10, 2019

John Domas
WINDMILL NURSERY
P O Box 400
Folsom, LA 70437

Re: Class I Sanitary Survey
WINDMILL NURSERY Public Water System
PWS ID LA2117178
WASHINGTON Parish

Dear Domas:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 24, 2019 sanitary survey inspection of the public water supply system for WINDMILL NURSERY (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Angela Gomez	LDH OPH Region 9 Engineering
Jeff Bertoniere	Curtis Environmental

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	System shall have a monitoring plan that includes a list of all routine compliance samples required on a daily, weekly, monthly, quarterly, and annual basis and identify the sampling location where samples are to be collected. The public water system shall revise and re-submit its monitoring plan if changes to the sampling locations or if any significant changes to the disinfection methods are made. In addition, the public water system shall update and re-submit its monitoring plan when the system's sampling requirements or protocols change. During the inspection there are routine sampling taps located on inside plumbing. Revise and re-submit new locations for sample taps throughout the distribution system. Contact the R9 office at 985-543-4954 for the approval of the updated monitoring plan. The water system shall maintain a copy of the plan.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	40 CFR 141.403 and LAC 51:XII.343.A - There shall be no physical connection between a public water supply and any other water supply which is not of equal sanitary quality and under an equal degree of official supervision. And there shall be no connection or arrangement by which unsafe water may enter a public water supply system. During the inspection threaded taps are located within the distribution system and lacked the proper type of backflow prevention device. To prevent potential backflow or outside contaminants entering the water supply install hose bib vacuum breakers to all threaded taps. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
2117178-002 - ZALENKAS WELL NO. 2	Source	There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. During the inspection a hole is visible at the well sanitary seal. Repair the hole at the sanitary seal to prevent the introduction of contamination into the well casing. A water tight sanitary seal shall be provided. **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
MANAGEMENT	System Management and Operation	40 CFR 141.403 - Main switch gear electrical controls shall be located above grade, in areas not subject to flooding. All electrical work shall conform to the requirements of the National Electric code or to relevant state and/or local codes. During the inspection some a portion of the wiring at the well site is not in a conduit. All electrical wiring shall be encased in conduit and protected from physical damage. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT #1	Treatment	40 CFR 141.403 - Calibration tubes or mass flow monitors which allow for direct physical checking of actual feed rates shall be fitted. During the inspection a calibration tube is not provided at the treatment plant. A calibration tube shall be installed to monitor and adjust feeding rates. Provisions shall be made for measuring the quantities of chemicals used in order to prevent reaching the max dosage of the applied chemical.
FACILITY	CATEGORY	FINDINGS
2117178-002 - ZALENKAS WELL NO. 2	Source	40 CFR 141.403 - The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, a means of measuring flow, and a smooth nosed sampling tap located at a point where positive pressure is maintained. During the inspection a flow meter is not provided on the discharge line at the Well. The discharge piping shall be equipped with a flow meter capable of measuring and totalizing the flow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.
No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Angela Gomez, R.S.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
817	06/15/2018	LEAD CONSUMER NOTICE (LCR)	07/01/2017 - 12/31/2017

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4954.

Respectfully,

Angela Gomez, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: ZALENKAS WELL NO. 2

Category: Source

Attachment Comments: A hole is visible at the sanitary seal.



Attachment #2

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: HBVB not provided on threaded tap.



Attachment #3

Severity: Minor

Category: System Management and Operation

Attachment Comments: Electrical wires are not in conduit at the well head.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 1970 0000 7349 1757

June 6, 2019

Ernest Duval
Cajun C's Restaurant
63304 Highway 10
Bogalusa, LA 70427

Re: Class I Sanitary Survey
Cajun C's Restaurant Public Water System
PWS ID LA2117185
WASHINGTON Parish

Dear Mr. Duval:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 24, 2019 sanitary survey inspection of the public water supply system for Cajun C's Restaurant (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH Region IX Engineering
Chris Coleman	Representative

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/18/2016	10/31/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	HD001-STORAGE TANK
Comments: At the time of the survey a threaded tap was observed on piping directly connected to the storage tank. It is recommended that the threaded tap either be removed or that a vaccuum breaker or other means of back flow prevention be installed along the piping.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
10/18/2016	10/31/2016	Sanitary Survey, Finished	Minor	Source	2117185-001-DUVAL'S WELL
Comments: All potable water well casings shall be vented to atmosphere. At the time of the survey, the well did not have a means to vent to atmosphere.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Operator Compliance with State Requirements	Per LAC 51: XII.309.A, all public water supplies shall be under the supervision and control of a duly certified operator as per requirements of the State Operator Certification Act, Act 538 of 1972, as amended. There was no certified operator associated with this water supply at the time of the inspection. The water system shall retain a Certified Operator.
FACILITY	CATEGORY	FINDINGS
Management	Other	All potable water systems shall be designed, constructed and maintained so as to prevent leakage of water due to defective materials, improper jointing, corrosion, settling, impacts, freezing, or other causes. Valves and blow-offs shall be provided so that necessary repairs can be made with a minimum interruption of service. There was a leak at the well pump during the inspection. The leak shall be repaired as soon as possible. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The approved continuous disinfection system was missing at the time of the inspection. Per LAC 51: XII.105.A and B, no public water supply shall be hereafter constructed, operated or modified to the extent that the capacity, hydraulic conditions, functioning of treatment processes, or the quality of finished water is affected, without, and except in accordance with the plans and specifications for the installation which have been approved, in advance, as part of a permit submitted by the person having responsible charge of a municipality owned public water supply or by the owner of a privately owned public water supply.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The system was not monitoring and recording chlorine residuals in the distribution at the time of inspection. Per LAC 51: XII.367.A, a public water system (PWS) shall measure the residual disinfectant concentration within the distribution system at least once per day. Chlorine residuals must be monitored daily at the water production (POE) site and a critical point (MRT)--the furthest location in the water system. An additional chlorine residual check must be made monthly at the ACR site. Residuals must be recorded on the "LDH Approved Chlorine Residual Forms", which can be downloaded at http://new.dhh.louisiana.gov/index.cfm/page/1725.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT #1	Treatment	There was no chlorine residual detected at the time of the inspection. Per LAC 51:XII.355.A , routine, continuous disinfection is required of all public water systems. 1. Where a continuous chloramination (i.e., chlorine with ammonia addition) method is used, water being delivered to the distribution system shall contain a minimum concentration of 0.5 mg/l of chloramine residual (measured as total chlorine). 2. Where a continuous free chlorination method is used, water being delivered to the distribution system shall contain a minimum concentration of free chlorine residual in accordance with the following table. pH up to 7.0 requires 0.5 mg/l free chlorine, pH 7.0 - 8.0 requires 0.6 mg/l free chlorine, pH 8.0 - 9.0 requires 0.8 mg/l free chlorine, pH over 9.0 requires 1.0 mg/l free chlorine.
FACILITY	CATEGORY	FINDINGS
2117185-001 - DUVAL'S WELL	Source	The well pump was not properly supported at the time of the inspection. The upper terminal well construction shall be protected from physical damage as required by the state health officer.
FACILITY	CATEGORY	FINDINGS
2117185-001 - DUVAL'S WELL	Source	There was no flow meter on the well discharge pipe at the time of inspection. The well discharge piping shall be equipped with a means of measuring flow per LAC 51:XII.169.H.3.iv.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

The inspector provided a copy of time frame requirement for all kinds of records. It is highly recommended that the water system keep all records as specified.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Category: Other

Attachment Comments: Leak at the pump

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7017 1000 0000 3175 8419

May 1, 2019

Shone Jenkins
14 Beth Drive
Covington, LA 70433

Re: Class I Sanitary Survey
Loula's Snowballs Public Water System
PWS ID LA2117188
WASHINGTON Parish

Dear Mr. Jenkins:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 16, 2019 sanitary survey inspection of the public water supply system for LOULA'S SNOWBALL WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Jie Gu	LDH OPH Region IX Engineering
Harvey Conerly	Operator

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TP RONALD GITZ WATER SYSTEM	Treatment	There was no receiving basin provided for the disinfectant tank at the time of inspection. Per LAC 51:XII.203.I.4.b, liquid chemical storage tanks shall have an overflow and a receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge; a common receiving basin may be provided for each group of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank.
FACILITY	CATEGORY	FINDINGS
2117188-001 - RONALD GITZ WELL	Source	There was no flow meter on the well discharge pipe at the time of inspection. The well discharge piping shall be equipped with a means of measuring flow per LAC 51:XII.169.H.3.iv.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

The well house needs some cleaning and maintenance.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Southeast Region IX
Attn: Jie Gu, P.E.
42354 Deluxe Plaza, Suite 13
Hammond, Louisiana 70403

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-543-4958.

Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7019 0700 0001 4668 7738**

December 9, 2019

Debbie Stiles
BISTINEAU WATER SYSTEM
543 Martha Woods Road
Heflin, LA 71039-3217

Re: Class I Sanitary Survey
BISTINEAU WATER SYSTEM Public Water System
PWS ID LA1119001
WEBSTER Parish

Dear Ms. Stiles:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the December 6, 2019 sanitary survey inspection of the public water supply system for BISTINEAU WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Danny Mortimer	OPH Region VII Engineering
Chris Walker	Town Of Sibley

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations
No unresolved observations were recorded in this category.

Significant Deficiencies
No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GST #1 (SOUTH)	Finished Water Storage	Ground storage #1 needs to have 24 mesh screen installed on the overflow piping.
FACILITY	CATEGORY	FINDINGS
GR002 - GST #2 (NORTH)	Finished Water Storage	Ground storage #2 needs to have 24 mesh screen installed on the overflow piping.
FACILITY	CATEGORY	FINDINGS
1119001-003 - WELL #3	Source	The pressure gauge at well #3 was not working. The gauge needs to be replaced.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT BISTINEAU CHURCH RD	Treatment	The chlorine cylinders need to have weighing scales.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Danny Mortimer, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7432.

Respectfully,

Danny Mortimer

Danny Mortimer
District 4 Sanitarian
LDH/OPH Engineering
318-676-7432

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering



Attachment 1 – GST 1 needs 24 mesh overflow screen



Attachment #2 – GST 2 needs 24 mesh overflow screen

Attachment #3 – Well 3 needs Pressure gauge replaced

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 1830 0000 9275 2083**

September 6, 2019

Charles Morgan
BLOCKER WATER SYSTEM
211 Smith Loop
Sarepta, LA 71071

Re: Class I Sanitary Survey
BLOCKER WATER SYSTEM Public Water System
PWS ID LA1119002
WEBSTER Parish

Dear Mr. Morgan:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 6, 2019 sanitary survey inspection of the public water supply system for BLOCKER WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Autumn Permenter	LDH-OPH Engineering District 4
Kathy Burrow	Blocker Water System
Mike Timmons	Blocker Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations
No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	No formal cross connection control plan was available. The water system must create and implement a cross connection control plan. Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TANK	Finished Water Storage	The Elevated Tank did not have an overflow pipe. All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. (Refer to Figure 1)
FACILITY	CATEGORY	FINDINGS
1119002-002 - WELL #2, AT TANK	Source	The well's pressure gauge is broken. The wells discharge piping must be equipped with a working pressure gauge. (Refer to Figure 2)
FACILITY	CATEGORY	FINDINGS
1119002-003 - WELL #3, KINGS CORNER	Source	The well's pressure gauge is broken. The wells discharge piping must be equipped with a working pressure gauge.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Autumn Permenter, PE
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7477.

Respectfully,

Autumn Permenter, P.E.
District Engineer – District IV
LDH/OPH - Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

ATTACHMENTS



Figure 1 – Overflow on Elevated Tank



Figure 2 – Broken Pressure Gauge

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 1830 0000 8554 4909

April 8, 2019

James Hoof
CULLEN WATER SYSTEM
P. O. Box 679
Cullen, LA 71021

Re: Class I Sanitary Survey
CULLEN WATER SYSTEM Public Water System
PWS ID LA1119005
WEBSTER Parish

Dear Mr. Hoof:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 27, 2019 sanitary survey inspection of the public water supply system for CULLEN WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Floyd Smith	LDH District 4 Engineering
Walter Aubrey	Springhill Water System
Kelly Herrick	LDH/OPH Engineering Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	Dedicated Standby power shall be provided by any community water supply and any non-community water supply serving a hospital so that water may be treated and/or pumped to the distribution system during outages to meet the average daily demand during the month of maximum water use. To ensure continuous service when the primary power has been interrupted, a standby power supply shall be provided through connection to at least two independent public power sources, or portable or in-place auxiliary power. The water system is not equipped with a source of dedicated standby power. The water system should explore every effort to obtain dedicated standby power.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	No cross connection plan is in place. Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Floyd Smith, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
7004752	04/02/2019	CCR REPORT	

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at .

Respectfully,

Floyd Smith, R.S.
District Compliance Officer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7012 1010 0000 1527 9734**

January 28, 2019

Kay Hallmark-Stratton
DIXIE INN WATER SYSTEM
60 Shell Street
Minden, LA 71055

Re: Class I Sanitary Survey
DIXIE INN WATER SYSTEM Public Water System
PWS ID LA1119006
WEBSTER Parish

Dear Mayor Hallmark-Stratton:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 24, 2019 sanitary survey inspection of the public water supply system for DIXIE INN WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tiffany Roberson	LDH Engineering Region 7
Mike Chreene	Dixie Inn Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/26/2016	03/26/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GROUND STORAGE TANK
Comments: The overflow piping needs to be screened.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/26/2016	03/26/2016	Sanitary Survey, Finished	Minor	Source	1119006-003-WELL #03
Comments: There was some rust on the casing at Well #3. The rust shall be removed, and the casing shall be protected against further corrosion.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT	Treatment	The chlorine room must be equipped with a working light.
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT	Treatment	The chlorine room must be equipped with a working ventilating fan.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Tiffany Roberson, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7867.

Respectfully,

Tiffany Roberson

Tiffany Roberson, R.S.
Chemical San

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR



Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 1830 0000 9275 2045**

July 3, 2019

Scott Day
DIXIE OVERLAND WATER SYSTEM
351 Woodard Dr.
Minden, LA 71055

Re: Class I Sanitary Survey
DIXIE OVERLAND WATER SYSTEM Public Water System
PWS ID LA1119007
WEBSTER Parish

Dear Mr. Day:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 25, 2019 sanitary survey inspection of the public water supply system for DIXIE OVERLAND WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Hannah Beatty	LDH-OPH Engineering Services
Scott Day	Contract Operator
Andrea Payton	LDH-OPH Engineering Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	At Well 2 the ground under the fence surrounding the site had been eroded away leaving the bottom of the fence exposed and open to possible entry of unwanted animals. All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked. **See Figure 1.**

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GST #1, KATIE LANE	Finished Water Storage	At the time of inspection there was erosion surrounding the splash pad at the overflow line. The grading surrounding the tank shall slope gently and provide adequate erosion protection. **See Figure 2.**
FACILITY	CATEGORY	FINDINGS
GR003 - GST #3, HWY 80	Finished Water Storage	At the time of inspection there was erosion surrounding the splash pad at the overflow line. The grading surrounding the tank shall slope gently and provide adequate erosion protection. **See Figure 3.**
FACILITY	CATEGORY	FINDINGS
GR002 - GST #2, HWY 80	Finished Water Storage	At the time of inspection there was erosion surrounding the splash pad at the overflow line. The grading surrounding the tank shall slope gently and provide adequate erosion protection. Also the splash pad shall be moved to the area under the overflow line or the splash pad area shall be increased. **See Figure 4.**
FACILITY	CATEGORY	FINDINGS
TP004 - FULLER CEMETERY ROAD BOOSTER STATION	Treatment	Chlorine building contains ventilation, but lacks lighting. Lighting shall be provided. Where chlorine gas is used, the room shall be constructed to provide the following: separate switches for the fan and lights shall be located outside of the chlorine room and at the inspection window. Outside switches shall be protected from vandalism. **See Figure 5.**
FACILITY	CATEGORY	FINDINGS
TP003 - KATIE LANE PLANT	Treatment	Chlorine building contains ventilation, but lacks lighting. Lighting shall be provided. Where chlorine gas is used, the room shall be constructed to provide the following: separate switches for the fan and lights shall be located outside of the chlorine room and at the inspection window. Outside switches shall be protected from vandalism. **See Figure 6.**
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT HWY 80	Treatment	Chlorine building contains ventilation, but lacks lighting. Lighting shall be provided. Where chlorine gas is used, the room shall be constructed to provide the following: separate switches for the fan and lights shall be located outside of the chlorine room and at the inspection window. Outside switches shall be protected from vandalism. **See Figure 7.**
FACILITY	CATEGORY	FINDINGS
1119007-001 - WELL #1, HWY 80	Source	Casing at Well 1 is below the required 12 inches of separation from the ground. Casing shall project at least 12 inches above ground level or the top of the cover or floor and the cover or floor shall slope away

(PLANT)		from the well casing or suction pipe in all directions. **See Figure 8.**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	At Well 2 there were signs of erosion on the surrounding site. In order to provide a safe work environment the site shall be graded evenly and drain in an adequate fashion. Consideration must be given to the safety of water plant personnel and visitors. **See Figure 9.**
FACILITY	CATEGORY	FINDINGS
TP004 - FULLER CEMETERY ROAD BOOSTER STATION	Treatment	At the time of the inspection a hole was observed in the KMNO4 building. All facilities containing chemicals shall be located in watertight buildings free of any openings except constructed vents, mountings, etc. Adequate housing must be provided for the treatment equipment and for storing the treatment chemicals. **See Figure 10.**
FACILITY	CATEGORY	FINDINGS
TP004 - FULLER CEMETERY ROAD BOOSTER STATION	Treatment	Chlorine cylinders were chained together. Cylinders shall be chained separately. Full and empty cylinders of chlorine gas should be isolated from operating areas, restrained in position to prevent upset, stored in rooms separate from ammonia storage, and stored in areas not in direct sunlight or exposed to excessive heat. **See Figure 5.**
FACILITY	CATEGORY	FINDINGS
TP003 - KATIE LANE PLANT	Treatment	Chlorine cylinders were chained together. Cylinders shall be chained separately. Full and empty cylinders of chlorine gas should be isolated from operating areas, restrained in position to prevent upset, stored in rooms separate from ammonia storage, and stored in areas not in direct sunlight or exposed to excessive heat. **See Figure 6.**
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT HWY 80	Treatment	Chlorine cylinders were chained together. Cylinders shall be chained separately. Full and empty cylinders of chlorine gas should be isolated from operating areas, restrained in position to prevent upset, stored in rooms separate from ammonia storage, and stored in areas not in

		direct sunlight or exposed to excessive heat. **See Figure 7.**
FACILITY	CATEGORY	FINDINGS
TP003 - KATIE LANE PLANT	Treatment	No chlorine scales were present during the time of inspection. Weighing scales shall be provided for weighing cylinders at all plants utilizing chlorine gas. **See Figure 6.**
FACILITY	CATEGORY	FINDINGS
TP004 - FULLER CEMETERY ROAD BOOSTER STATION	Treatment	No chlorine scales were present during the time of inspection. Weighing scales shall be provided for weighing cylinders at all plants utilizing chlorine gas. **See Figure 5.**
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT HWY 80	Treatment	No chlorine scales were present during the time of inspection. Weighing scales shall be provided for weighing cylinders at all plants utilizing chlorine gas. **See Figure 7.**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Hannah Beatty,
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1900960-002	Routine	2/11/2019		0.000	0.000

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
342	03/04/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	02/01/2019 - 02/28/2019
337	10/04/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	09/01/2018 - 09/30/2018
336	09/06/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7485.

Respectfully,

Hannah Beatty,

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

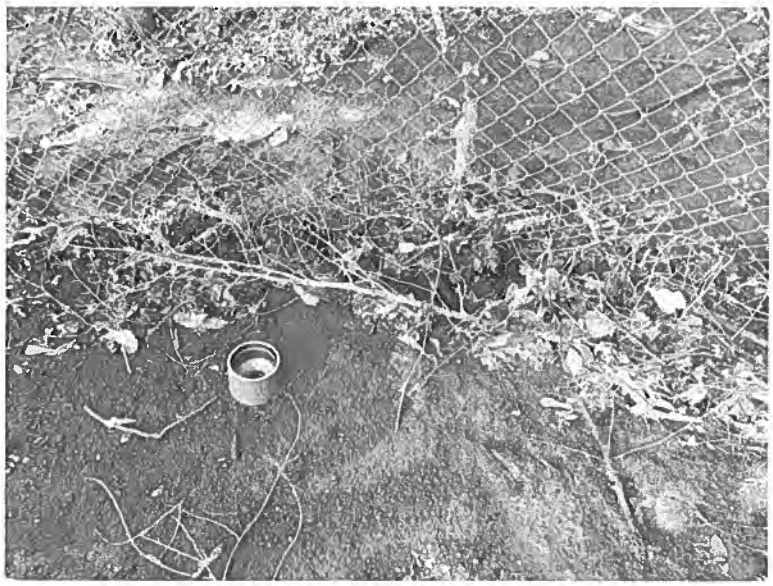


Figure 1 Erosion under Fence at Well 2



Figure 2 Erosion at GST #1 Overflow Line



Figure 3 Erosion at GST #3 Overflow Line



Figure 4 Erosion and Splash Pad at GST #2 Overflow Line



Figure 5 TP004 Chlorine Building



Figure 6 TP003 Chlorine Building



Figure 7 TP001 Chlorine Building

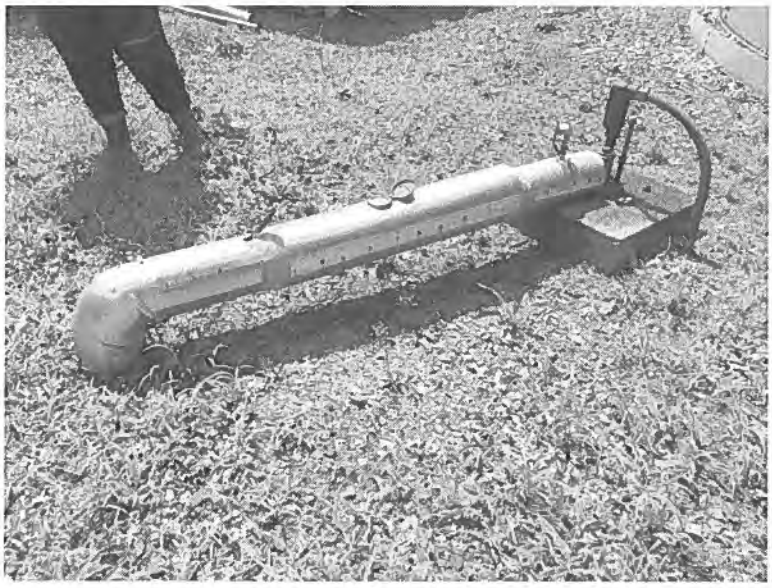


Figure 8 Well #1



Figure 9 Erosion at Well #2



Figure 10 TP004 KMNO4 Building

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 1830 0000 8554 3971**

September 10, 2019

Stan Brown
DOYLINE WATERWORKS DISTRICT 1
P.O. Box 597
Doyline, LA 71023

Re: Class I Sanitary Survey
DOYLINE WATERWORKS DISTRICT 1 Public Water System
PWS ID LA1119008
WEBSTER Parish

Dear Mr. Brown:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 9, 2019 sanitary survey inspection of the public water supply system for DOYLINE WATERWORKS DISTRICT 1 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Danny Mortimer	OPH Region VII Engineering
Scott Stewart	Doyline Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/15/2017	03/28/2017	Formal Enforcement	Minor	Finished Water Storage	EL001-ELEVATED STORAGE TANK
Comments: Install a 4-mesh, non-corrodible screen on the end of the overflow.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	The fence around the elevated tank had vines/branches growing in it. The vines/branches must be removed to ensure the integrity of the fencing.
FACILITY	CATEGORY	FINDINGS
1119008-001 - WELL #1, WEST COLLEGE ST.	Source	The well site needs to be graded around the slab to prevent possible contamination.
FACILITY	CATEGORY	FINDINGS
1119008-002 - WELL #2, COLLEGE AND STRONG	Source	The well site needs to be graded around the slab to prevent possible contamination.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The systems does not have standards to validate the chlorine meter. The system needs to purchase a set of Chlorine standards to ensure the accuracy of the chlorine meter.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED STORAGE TANK	Finished Water Storage	The overflow pipe is not screened. The overflow pipe must be screened with a mesh non-corrodible screen.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Danny Mortimer, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
7002014	11/05/2018	LEAD & COPPER RULE	01/01/2018 - 12/31/2018

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
7002015	04/08/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7432.

Respectfully,

Danny Mortimer
District 4 Sanitarian
OPH District 4 Engineering
318-676-7432

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering



Elevated tank-001 – Vines/Branches in fencing



Well #2 – Area around well slab needs to be graded.



Well #1 – Area around well slab needs to be graded

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7019 0700 0001 4668 7639**

December 2, 2019

Curtis Hirth
DUBBERLY WATER SYSTEM
P.O. Box 69
Dubberly, LA 71024

Re: Class I Sanitary Survey
DUBBERLY WATER SYSTEM Public Water System
PWS ID LA1119009
WEBSTER Parish

Dear Mr. Hirth:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 26, 2019 sanitary survey inspection of the public water supply system for DUBBERLY WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Danny Mortimer	OPH Region VII Engineering
Jeff Lair	Village Of Dubberly

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/24/2017	05/26/2017	Sanitary Survey, Finished	Minor	Source	1119009-002-WELL #2, PATTERSON WELL (4220 HWY 531)
Comments: The water well discharge piping had the paint peeled off and showed signs of corrosion. The discharge piping must be cleaned and painted. (Corrected)					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The system does not have an approved cross connection control plan. The system needs to adopt and implement a cross connection control plan to protect water from possible contamination.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR002 - GST #2, HWY 531 SOUTH (PATTERSON DR.)	Finished Water Storage	The ground storage tank needs to have a 24 mesh screen attached to the overflow.
FACILITY	CATEGORY	FINDINGS
GR001 - GST #1, PLANT (CATALPA DR.)	Finished Water Storage	The ground storage tank needs to have a 24 mesh screen attached to the overflow.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

LDH recommends all storage facilities to be inspected and cleaned every five years.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Danny Mortimer, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

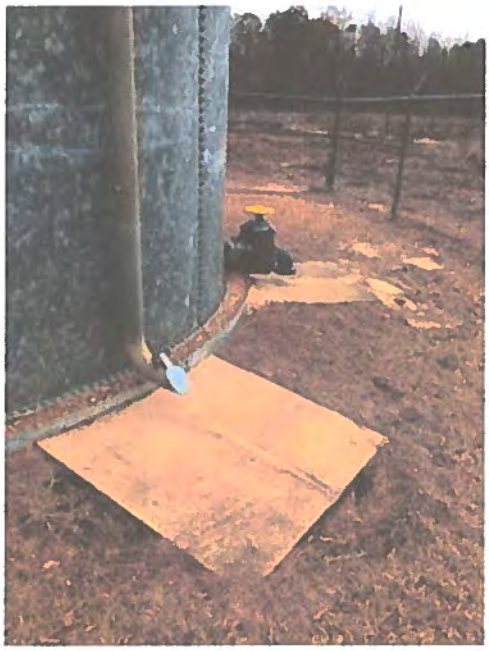
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7432.

Respectfully,



Danny Mortimer
District 4 Sanitarian
OPH District 4 Engineering

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering



Attachment #1 – GST #2

24 mesh screened for overflow



Attachment #2 – GST #1

24 mesh screened for overflow

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 1830 0000 9275 0737- Return Receipt Requested

July 29, 2019

Dustin Smith
GERMANTOWN WATER SYSTEM
P.O. Box 803
Minden, LA 71058

Re: Class I Sanitary Survey
GERMANTOWN WATER SYSTEM Public Water System
PWS ID LA1119011
WEBSTER Parish

Dear Mr. Smith:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 23, 2019 sanitary survey inspection of the public water supply system for GERMANTOWN WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
James Soileau III	LDH-OPH Engineering Services
Hannah Beatty	LDH-OPH Engineering Services
Scott Day	Contract Operator

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	1) The ground storage tank occasionally leaks from the top of the sidewalls when the storage tank gets too full. The storage tank was also severely corroded. The corrosion shall be cleaned and the leaks shall be repaired. The storage tank shall also be repainted. 2) Ground storage tank 5 does not have an overflow and is directly connected to Ground Storage Tank 6. Ground Storage Tank 5 does not have an overflow pipe and is under the assumption that an overflow condition cannot occur due to the overflow on Tank 6. Please provide a letter from an engineer stating that an overflow on Ground Storage Tank 5 is not needed and that the overflow on Ground Storage Tank 6 can handle all of the overflow needs of both tanks. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The water system had a written cross connection control program but had not mailed out the surveys yet. The water system shall notify LDH when the surveys are sent out and implementation of the cross connection control program has begun.
FACILITY	CATEGORY	FINDINGS
GR006 - GST #6, DOGWOOD	Finished Water Storage	1) The overflow for this storage tank has fallen off, leaving a sizeable hole into the storage tank in its place. The hole shall be sealed to prevent the entrance of animals and other contaminants into the ground storage tank. 2) The overflow shall be replaced and shall open downward and be covered with a 24-mesh screen. 3) There was no splash pad in place for the overflow to discharge onto. A splash pad shall be added. **See Attachment #8**
FACILITY	CATEGORY	FINDINGS
GR004 - GST #4, DORCHEAT	Finished Water Storage	The level gauge on the ground storage was open to the atmosphere and shall be sealed to prevent the entrance of insect and other contaminants into the ground storage tank. Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures.
FACILITY	CATEGORY	FINDINGS
GR005 - GST #5, DOGWOOD	Finished Water Storage	The level gauge was no longer in service and was open to the atmosphere. The level gauge shall be sealed. Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures. **See Attachment #7**

FACILITY	CATEGORY	FINDINGS
GR007 - GST #7, DORCHEAT	Finished Water Storage	The level gauge was no longer in use and shall be sealed to prevent the entrance of insects and other contaminants into the ground storage tank. Any vent, overflow, or water level control gauge provided on tanks or other structures containing water for any potable water supply shall be constructed so as to prevent the entrance of birds, insects, dust or other contaminating material. Openings or vents shall face downward and shall be not less than 2 feet above the floor of a pump room, the roof or cover of a tank, the ground surface or the surface of other water supply structures.
FACILITY	CATEGORY	FINDINGS
TP002 - DORCHEAT RD PLANT	Treatment	The phosphate pump is positioned on the top of the chemical solution and is not properly secured. This could allow for the feeder to get knocked off and disrupt treatment. The feeder pump shall be properly secured to a sturdy surface to prevent disruption in continuous treatment. General equipment design shall be such that feeders will be able to supply, at all times, the necessary amounts of chemicals at an accurate rate throughout the range of feed.
FACILITY	CATEGORY	FINDINGS
1119011-003 - WELL #3, DOGWOOD (NORTH)	Source	There was a very old and dilapidated drawdown gauge that was no longer used on the well, there was an open screw hole on the conduit leading into the casing, and there was severe corrosion on the well casing that could cause immediate contamination into the well if it gets any worse. The drawdown gauge shall be removed and capped, the screw hole shall be filled in, and the well casing shall be cleaned of any corrosion and shall be repainted. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
1119011-004 - WELL #4, DORCHEAT	Source	There were holes in the back of the electrical box. The holes shall be sealed to prevent a pathway for contamination into the well casing. There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #6**
FACILITY	CATEGORY	FINDINGS
1119011-002 - WELL #2, DOGWOOD (EAST)	Source	There were holes in the electrical box and a slight gap in between the conduit and the well casing. There was also a drawdown pipe which was capped, but the cap has the deteriorated to the point where it is no longer air tight. Nearly half of the well slab is covered by dirt, which makes the quality of the well slab unknown. The holes in the electrical box and the gap between the conduit and the well casing shall be sealed, the drawdown piping cap shall be replaced, and the well slab shall be cleared of all dirt. There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #2 and #3**

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR006 - GST #6, DOGWOOD	Finished Water Storage	There was moderate corrosion on the ground storage tank. The tank shall be repainted to prevent further corrosion and possible leaks in the ground storage tanks. Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both.
FACILITY	CATEGORY	FINDINGS
1119011-004 - WELL #4, DORCHEAT	Source	There was moderate corrosion on the well casing at the time of the inspection. The well shall be cleaned and repainted to prevent possible contamination into the well casing in the future. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
1119011-002 - WELL #2, DOGWOOD (EAST)	Source	There was moderate corrosion on the well casing. The well casing shall be repainted to prevent contamination into the well casing in the future.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - DOGWOOD PLANT AT GERMANTOWN CHURCH	Treatment	The chlorine gas cylinders were chained together. The cylinders should be chained separately to prevent upset.
FACILITY	CATEGORY	FINDINGS
TP002 - DORCHEAT RD PLANT	Treatment	The chlorine gas cylinders were chained together. The cylinders should be chained separately to prevent upset.
FACILITY	CATEGORY	FINDINGS
TP001 - DOGWOOD PLANT AT GERMANTOWN CHURCH	Treatment	There was no light in the chlorine building at the time of the inspection. A light should be added. Adequate housing must be provided for the chlorination equipment and for storing the chlorine.

FACILITY	CATEGORY	FINDINGS
TP002 - DORCHEAT RD PLANT	Treatment	There was no light in the chlorine building at the time of the inspection. A light should be added. Adequate housing must be provided for the chlorination equipment and for storing the chlorine.
FACILITY	CATEGORY	FINDINGS
TP001 - DOGWOOD PLANT AT GERMANTOWN CHURCH	Treatment	There were no weighing scales at the treatment plant. Automatic switchover was provided. However, weighing scales should be considered as an additional measure to optimize the disinfection process and ensure continuous disinfection.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: James Soileau III, E.I.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
7004957	11/07/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	10/01/2018 - 10/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-5422.

Respectfully,

James Soileau

James Soileau III, E.I.
Region 7 Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Significant

Category: Other

Attachment Comments: Severe corrosion and leaking tank at the top.



Attachment #2

Severity: Significant

Facility ID: WELL #2, DOGWOOD (EAST)

Category: Source

Attachment Comments: Holes in the electrical box



Attachment #3

Severity: Significant

Facility ID: WELL #2, DOGWOOD (EAST)

Category: Source

Attachment Comments: Drawdown piping needs re-sealing, gap between conduit and casing.



Attachment #4

Severity: Significant

Facility ID: WELL #3, DOGWOOD (NORTH)

Category: Source

Attachment Comments: Severe corrosion and dilapidated drawdown gauge.



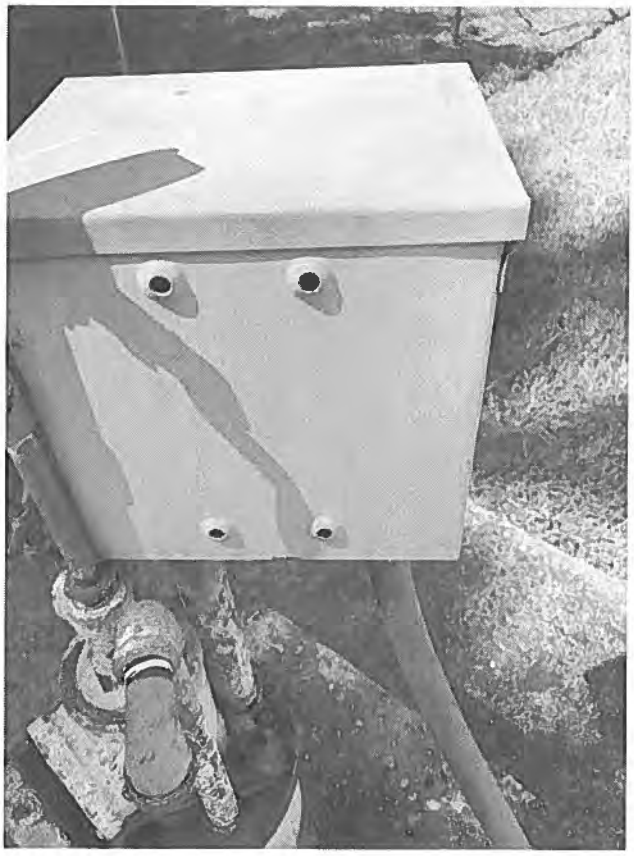
Attachment #5

Severity: Minor

Facility ID: WELL #4, DORCHEAT

Category: Source

Attachment Comments: Moderate corrosion



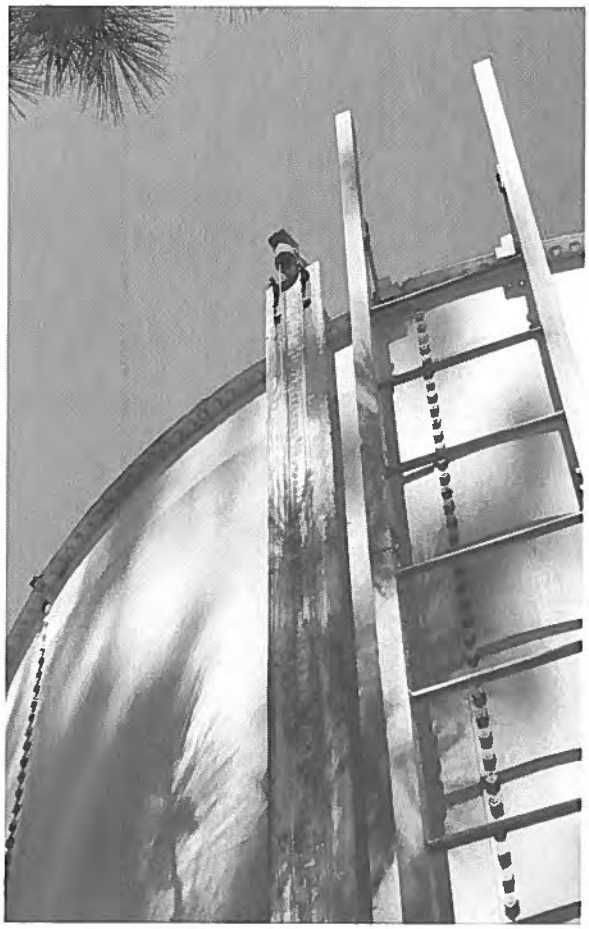
Attachment #6

Severity: Significant

Facility ID: WELL #4, DORCHEAT

Category: Source

Attachment Comments: Holes in the back of the electrical box.



Attachment #7

Severity: Significant

Facility ID: GST #5, DOGWOOD

Category: Finished Water Storage

Attachment Comments: Level gauge is open to the atmosphere.



Attachment #8

Severity: Significant

Facility ID: GST #6, DOGWOOD

Category: Finished Water Storage

Attachment Comments: Holes where the overflow used to be, moderate corrosion.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 1830 0000 9275 2052**

July 3, 2019

Roger "Max" Armstrong
JENKINS COMMUNITY WATER SYSTEM
P.O. Box 816
Haughton, LA 71037

Re: Class I Sanitary Survey
JENKINS COMMUNITY WATER SYSTEM Public Water System
PWS ID LA1119016
WEBSTER Parish

Dear Mr. Armstrong:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 2, 2019 sanitary survey inspection of the public water supply system for JENKINS COMMUNITY WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Hannah Beatty	LDH-OPH Engineering Services
Roger "Max" Armstrong	Contract Operator

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	The panels of Well 4's gate do not align with each other making it susceptible to intrusion. The fence additionally appears to be loose in a couple of areas. Also the fence at TP001 had vegetation growing over it. This should be removed. All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked. **See Figure 1.**

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR002 - GROUND STORAGE TANK #2	Finished Water Storage	Overflow was missing mesh screen. The overflow for a ground- level storage reservoir shall open downward and be screened with twenty-four mesh non-corrodible screen. The screen shall be installed within the overflow pipe at a location least susceptible to damage by vandalism. If a flapper valve is used, a screen shall be provided inside the valve. **See Figure 2.**
FACILITY	CATEGORY	FINDINGS
1119016-001 - WELL #1 (@ PLANT)	Source	Well 1 was not fully insulated at the time of the inspection. The discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage and freezing. **See Figure 3.**
FACILITY	CATEGORY	FINDINGS
1119016-003 - WELL #3, PLANT (EAST)	Source	Well 3 was not insulated at the time of the inspection. The discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage and freezing. **See Figure 4.**
FACILITY	CATEGORY	FINDINGS
1119016-004 - WELL #4	Source	Well 4 was not insulated at the time of the inspection. The discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage and freezing. **See Figure 5.**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT SHILOH RD	Treatment	Chlorine cylinders were chained together. Cylinders shall be chained separately. Extra cylinders were also stored in an area in direct sunlight. Full and empty cylinders of chlorine gas should be isolated from operating areas, restrained in position to prevent upset, stored in rooms separate from ammonia storage, and stored in areas not in direct sunlight or exposed to excessive heat. **See Figures 6 and 7.**
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT SHILOH RD	Treatment	No weighing scales for the chlorine cylinders were present in the chlorine building. Weighing scales shall be provided for weighing cylinders at all plants utilizing chlorine gas.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Hannah Beatty,
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
7009535	04/09/2019	LEAD CONSUMER NOTICE (LCR)	01/01/2016 - 12/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7485.

Respectfully,

Hannah Beatty, P.E.

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering



Figure 1 Gate at Well #4



Figure 2 Overflow at GR002



Figure 3 Insulation Required at Well #1



Figure 4 Insulation Required at Well #3



Figure 5 Insulation Required at Well #4



Figure 6 Chlorine Cylinders in Direct Sunlight



Figure 7 Chlorine Building

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7019 0700 0001 4668 7677**

December 6, 2019

Harry Wilson
STATE of LA MILITARY DEPT - CAMP MINDEN
100 Louisiana Blvd
Minden, LA 71055

Re: Class I Sanitary Survey
STATE of LA MILITARY DEPT - CAMP MINDEN Public Water System
PWS ID LA1119018
WEBSTER Parish

Dear Mr. Wilson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the December 3, 2019 sanitary survey inspection of the public water supply system for STATE of LA MILITARY DEPT - CAMP MINDEN (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Danny Mortimer	OPH Region VII Engineering
Wayne Francis	La Military Dept - Camp Minden
Wes Machen	Camp Minden

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations
No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The system did not have a Cross Connection Control Plan. The system needs to adopt and implement a formal Cross Connection Control Plan
FACILITY	CATEGORY	FINDINGS
1119018-005 - WELL #22	Source	The casing showed signs of rust and corrosion. The casing/piping needs to be cleaned and painted to prevent possible pathways for contamination.
FACILITY	CATEGORY	FINDINGS
1119018-006 - WELL #18	Source	The well slab had some cracking and deterioration. The slab needs to be repaired to prevent possible contamination to the well

Deficiencies

FACILITY	CATEGORY	FINDINGS
1119018-007 - WELL #04	Source	The discharge piping needs to be cleaned and painted.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP007 - TP @ WELL #04	Treatment	The POE tap at Well #4 needs to have a smooth nozzled tap installed

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Danny Mortimer, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7485.

Respectfully,

Danny Mortimer

Danny Mortimer
District 4 Sanitarian
LDH/OPH Engineering
318-676-7432

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering



Figure #1 – Well #22 Rusty casing



Figure #2 – Well #18 Cracks in the slab



Figure #3 – Well #4 – Clean and paint piping

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 1830 0001 0572 3116**

July 8, 2019

Scott Day
McIntyre Water System
351 Woodard Dr.
Minden, LA 71055

Re: Class I Sanitary Survey
McIntyre Water System Public Water System
PWS ID LA1119019
Webster Parish

Dear Mr. Day:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 25, 2019 sanitary survey inspection of the public water supply system for McIntyre Water System (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Andrea Payton	LDP/OPH Engineering Services
Hannah Beatty	LDP/OPH Engineering Services
Scott Day	Contract Operator

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	SE14 - 40 CFR 141.403 and LAC 51:XII.315.D - All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked and areas shall be locked when unattended. The fence shall be resistant to climbing and at least 6 feet high. Please make necessary adjustments to the security fence to prevent unauthorized access to the facility and submit labeled photographic documentation of completed modifications.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE TANK	Finished Water Storage	The pump house needs to be rehabilitated or replaced due to the large holes in various locations of the structure to prevent the entrance of insects, animals or other contaminants.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE TANK	Finished Water Storage	The tank has rust, corrosion and flaking paint. The tank must be cleaned, treated and painted to resist further corrosion and deterioration that could lead to a potential source of contamination or failure of the tank.
FACILITY	CATEGORY	FINDINGS
TP004 - MAIN PLANT ON CALVIN LINER RD	Treatment	The chlorine gas room must have separate switches for the fan and lights located outside of the chlorine room. There needs to be a light in the chlorine room, install separate switches outside of the chlorine room to control the lighting and ventilating fan.
FACILITY	CATEGORY	FINDINGS
1119019-001 - WELL #1, MAIN PLANT	Source	The solid pedestal foundation of the well has a deteriorated portion at the base that needs to be repaired to prevent infiltration and contaminates.



Photo No. 1: Damage at Pump house wall



Photo No. 2: Opening in Pump house wall

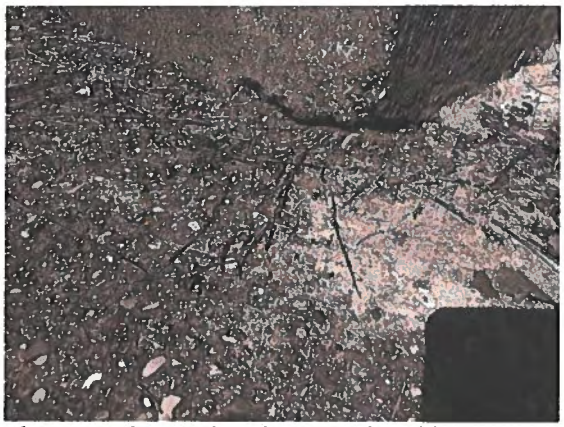


Photo No. 3 Deterioration at pedestal base



Photo No. 4: Minor damage to fencing



Photo No. 5: Ground Storage with corroded exterior

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Andrea Payton,
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7489.

Respectfully,

Andrea Payton

Andrea Payton,

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 1830 0000 8554 4893

April 8, 2019

Penny Burt
MIDWAY WATER SYSTEM
P.O. Box 304
Sarepta, LA 71071

Re: Class I Sanitary Survey
MIDWAY WATER SYSTEM Public Water System
PWS ID LA1119020
WEBSTER Parish

Dear Ms. Burt:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 27, 2019 sanitary survey inspection of the public water supply system for MIDWAY WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Kelly Herrick	LDH OPH Engineering Services
Penny Burt	Midway Water System
Floyd Smith	LDH District 4 Engineering
Mike Timmons	Blocker Waterworks

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TANK	Finished Water Storage	All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. The overflow for the elevated storage tank does not discharge over a splash plate or drainage inlet structure. The discharge must discharge over a splash plate or drainage inlet structure to prevent erosion around the foundation of the tower that could comprise the structural integrity of the tower
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TANK	Finished Water Storage	Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. From review the finished water storage facilities (elevated towers, ground storage tanks, and hydropneumatic tanks) should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages' interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities could benefit from an inspection.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.
No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Kelly Herrick, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1805769-004		10/2/2018			
S1805646-001	Routine	10/1/2018		0.710	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
7005638	01/22/2019	LEAD CONSUMER NOTICE (LCR)	01/01/2016 - 12/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-5179.

Respectfully,

Kelly Herrick, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 1120 0002 2110 9268

October 22, 2019

John Stanley
SHONGALOO WATER SYSTEM
P.O. Box 55
Shongaloo, LA 71072-0055

Re: Class I Sanitary Survey
SHONGALOO WATER SYSTEM Public Water System
PWS ID LA1119026
WEBSTER Parish

Dear Mr. Stanley:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 17, 2019 sanitary survey inspection of the public water supply system for SHONGALOO WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Floyd Smith	LDH District 4 Engineering
Robert Bradshaw	Shongaloo Water System
Kelly Herrick	LDH/OPH Engineering Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	40 CFR 141.403 and LAC 51:XII.344 - Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods. There is no customer list with backflow devices being managed by the water system. A customer listing should be compiled showing customers and applicable devices. All commercial customers should be assessed for proper backflow prevention devices. The water system should have a procedure for addressing existing customers that do not currently have the required protection device. Please feel free to call this office to discuss the required protection for any customer on the water system. The water system has installed the required double check valve at each RV spaces. It was unclear during the survey, if these double check valves were tested during installation. All cross connection control devices must be tested upon installation and annually thereafter. Provide documentation that the double check valves were tested when installed. Testing must be continued annually between sanitary survey visits.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to

this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Floyd Smith, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7481.

Respectfully,

Floyd Smith, R.S.
Monitoring San

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 1830 0000 8554 2912**

May 8, 2019

Jimmy Williams
SIBLEY WATER SYSTEM
P.O. Box 128
Sibley, LA 71073

Re: Class I Sanitary Survey
SIBLEY WATER SYSTEM Public Water System
PWS ID LA1119027
WEBSTER Parish

Dear Mayor Williams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 26, 2019 sanitary survey inspection of the public water supply system for SIBLEY WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Danny Mortimer	OPH Region VII Engineering
Chris Walker	Town Of Sibley

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1119027-001 - WELL #1 SOUTH 4TH	Source	The area around well #1 had standing water. The area around the well needs to be graded to prevent standing water. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1119027-005 - WELL NO. 5 (INDUSTRIAL PARK)	Source	The area around well #5 had void space under the slab. The area around the well needs to be filled and graded to prevent the possibility of contamination. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
1119027-001 - WELL #1 SOUTH 4TH	Source	Well #1 had a threaded sample tap. The tap needs to be replaced with a smooth nozzle type. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1119027-003 - WELL #3 6TH AT SOUTHERN PINES	Source	Well #3 had a threaded sample tap. The tap needs to be replaced with a smooth nozzle type. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1119027-004 - WELL #4 5TH STREET	Source	Well #4 had a threaded sample tap. The tap needs to be replaced with a smooth nozzle type.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	
FACILITY	CATEGORY	FINDINGS
EL001 - EST #1, HWY 7 (SOUTH)	Finished Water Storage	Elevated storage tank #1 did not have a screen on the overflow piping. The overflow piping needs to be screened with a four mesh, non-corrodible screen.
FACILITY	CATEGORY	FINDINGS
GR001 - GST #1, MAIN	Finished Water Storage	The piping for the ground storage tank overflow was not screened. The piping should be screened. **See Attachment #6**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP004 - GAS CHLORINATION INDUSTRIAL PARK	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.
FACILITY	CATEGORY	FINDINGS
TP004 - GAS CHLORINATION INDUSTRIAL PARK	Treatment	The chlorine gas cylinders were restrained by a single chain. Each chlorine gas cylinder should be restrained by an individual chain. **See Attachment #5**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Danny Mortimer, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7485.

Respectfully,

Danny Mortimer
District 4 Sanitarian
OPH District 4 Engineering
318-676-7432

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Significant

Facility ID: WELL #1 SOUTH 4TH

Category: Source

Attachment Comments: Threaded tap - Well #1



Attachment #2

Severity: Significant

Facility ID: WELL #1 SOUTH 4TH

Category: Source

Attachment Comments:



Attachment #3

Severity: Significant

Facility ID: WELL #3 6TH AT SOUTHERN PINES

Category: Source

Attachment Comments:



Attachment #4

Severity: Significant

Facility ID: WELL NO. 5 (INDUSTRIAL PARK)

Category: Source

Attachment Comments:



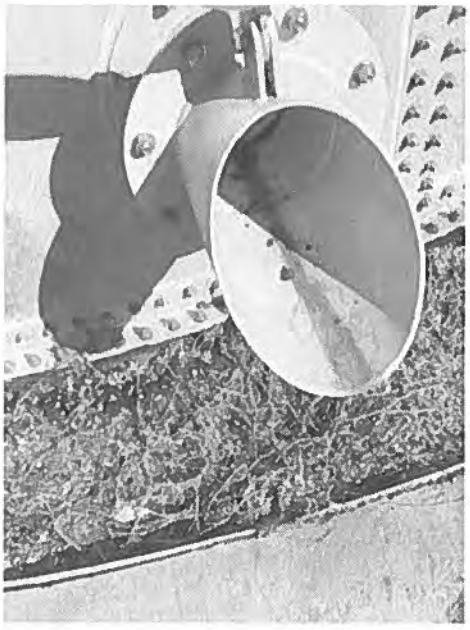
Attachment #5

Severity: Recommendations

Facility ID: GAS CHLORINATION INDUSTRIAL PARK

Category: Treatment

Attachment Comments:



Attachment #6

Severity: Minor

Facility ID: GST #1, MAIN

Category: Finished Water Storage

Attachment Comments:

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL:07019 1120 0002 2110 9275

October 22, 2019

Re: Class I Sanitary Survey
STATE LINE WATER SYSTEM Public Water System
PWS ID LA1119029
WEBSTER Parish

Dear Ms. Evers:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 17, 2019 sanitary survey inspection of the public water supply system for STATE LINE WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Floyd Smith	LDH District 4 Engineering
Robert Bradshaw	Dorcheat Acres Water System
Kelly Herrick	LDH/OPH Engineering Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	40 CFR 141.403 and LAC 51:XII.344 - Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods. There is no customer list with backflow devices being managed by the water system. A customer listing should be compiled showing customers and applicable devices. All commercial customers should be assessed for proper backflow prevention devices. The water system should have a procedure for addressing existing customers that do not currently have the required protection device. Please feel free to call this office to discuss the required protection for any customer on the water system. The water system has installed the required double check valve at each RV spaces. It was unclear during the survey, if these double check valves were tested during installation. All cross connection control devices must be tested upon installation and annually thereafter. Provide documentation that the double check valves were tested when installed. Testing must be continued annually between sanitary survey visits.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Floyd Smith, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1905275-001	Routine	8/6/2019		0.750	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7481 .

Respectfully,

Floyd Smith, R.S.
Monitoring San

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 1830 0000 9275 2076**

August 6, 2019

Ruth Helen Malone
DORCHEAT ACRES WATER SYSTEM
P. O. Box 1081
Springhill, LA 71075

Re: Class I Sanitary Survey
DORCHEAT ACRES WATER SYSTEM Public Water System
PWS ID LA1119032
WEBSTER Parish

Dear Ms. Malone:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 23, 2019 sanitary survey inspection of the public water supply system for DORCHEAT ACRES WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Autumn Permenter	LDH-OPH Engineering District 4
Robert Bradshaw	Dorcheat Acres Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The water system is not equipped with a source of dedicated standby power. The water system should explore every effort to obtain dedicated standby power.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	No formal cross connection control plan was available. The water system must create and implement a cross connection control plan. Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.
FACILITY	CATEGORY	FINDINGS
1119032-001 - WELL #1, PLANT	Source	The well has an existing cracked slab. The well shall be provided with a watertight cover and must be graded to drain away from casing. Repair the cracked concrete slab to prevent any potential contamination into the well.

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The point of entry (POE) tap was not in an approved location. The POE tap must be located such that it draws water directly from the water main to provide for samples that are most representative of the water quality being provided to customers. Please relocate or install a point of entry tap on the water main after treatment and storage, but prior to the first customer.
FACILITY	CATEGORY	FINDINGS
ST001 - STANDPIPE #1	Finished Water Storage	The overflow pipe is not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen and installed to provide protection at all times.
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT HWY 157	Treatment	Where chlorine gas is used, the room shall be constructed to provide the following: separate switches for the fan and lights shall be located outside of the chlorine room and at the inspection window. Outside switches shall be protected from vandalism. A signal light indicating fan operation shall be provided at each entrance when the fan can be controlled from more than one point.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT HWY 157	Treatment	Chlorine cylinders were restrained with a single chain. It is recommended to chain each cylinder individually to prevent upset.
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT HWY 157	Treatment	The chlorine feed room is not equipped with an inspection window. A shatter resistant inspection window is recommended where chlorine gas is fed.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Autumn Permenter, PE
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7477.

Respectfully,

Autumn Permenter, P.E.
District Engineer – District IV
LDH/OPH - Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0001 4668 7608

November 8, 2019

Terry Sanders
GIL-GAL WATER SYSTEM
PO Box 544
Minden, LA 71058

Re: Class I Sanitary Survey
GIL-GAL WATER SYSTEM Public Water System
PWS ID LA1119034
WEBSTER Parish

Dear Mr. Sanders:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 6, 2019 sanitary survey inspection of the public water supply system for GIL-GAL WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	**Organization**
Danny Mortimer	OPH Region VII Engineering
Mike Chreene	Gil- Gal Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

No observations were recorded in this category.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

LDH recommends that all storage facilities be inspected and cleaned/repaired every 5 years.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Danny Mortimer, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7432.

Respectfully,

Danny Mortimer
District 4 Sanitarian
OPH District 4 Engineering
318-676-7432

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7019 0700 0001 4668 7646**

December 2, 2019

Cynthia Walker
ST JAMES WATER SYSTEM
P. O. Box 1527
Minden, LA 71055

Re: Class I Sanitary Survey
ST JAMES WATER SYSTEM Public Water System
PWS ID LA1119035
WEBSTER Parish

Dear Ms. Walker:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 26, 2019 sanitary survey inspection of the public water supply system for ST JAMES WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Danny Mortimer	OPH Region VII Engineering
Mike Chreene	Contract Operator

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations
No observations were recorded in this category.

Significant Deficiencies
No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1119035-002 - WELL # 2- I-20 FRONTAGE RD.	Source	Well #2 needs to have a flow meter installed.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

LDH recommends all storage facilities be inspected and cleaned every five years.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Danny Mortimer, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7432.

Respectfully,

Danny Mortimer
District 4 Sanitarian
OPH District 4 Engineering
318-676-7432

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7012 1010 0000 1527 9741**

February 5, 2019

Re: Class I Sanitary Survey
BISTINEAU STATE PARK #1 Public Water System
PWS ID LA2119001
WEBSTER Parish

Dear Mr. Florence:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 25, 2019 sanitary survey inspection of the public water supply system for BISTINEAU STATE PARK #1 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tiffany Roberson	LDH Engineering Region 7
Paul Florence	Lake Bistineau State Park

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	No formal cross connection control plan was available. The water system must create and implement a cross connection control plan. Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.
2119001-002 - WELL #2	Source	The sanitary seal was pushed up from the well casing creating a hole that could allow insects to get into the well which could provide a pathway to contamination. The sanitary seal should be repositioned to be flushed with the well casing. All rust should be removed and the casing should be painted to prevent holes from forming. **See Attachment #2 and #1**
FACILITY	CATEGORY	FINDINGS
2119001-001 - WELL #1	Source	There is an inch between the ground and the well slab. There shall be no pathway for contamination into the well casing and/or discharge piping. The well slab shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #3**

Deficiencies

FACILITY	CATEGORY	FINDINGS
ST001 - STANDPIPE	Finished Water Storage	The overflow for the elevated storage tank does not discharge over a splash plate or drainage inlet structure. The discharge must discharge over a splash plate or drainage inlet structure to prevent erosion around the foundation of the tower that could comprise the structural integrity of the tower **See Attachment #9**
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT	Treatment	The ventilating fan is currently not operational. Either the fan is broken or there is an electrical issue. The chlorine room must be equipped with a working ventilating fan. **See Attachment #8**
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT	Treatment	There currently is no light in the chlorine room. The chlorine room must be equipped with a working light.
FACILITY	CATEGORY	FINDINGS
2119001-001 - WELL #1	Source	The well's outer casing and casing vent piping are showing signs of rust, corrosion, and flaking paint. The well's outer casing and casing vent piping must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. **See Attachment #4 and #5**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and

include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT	Treatment	Chlorine cylinders were restrained with a single chain. It is recommended to chain each cylinder individually to prevent upset. **See Attachment #6**
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized. **See Attachment #7**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Tiffany Roberson, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7867.

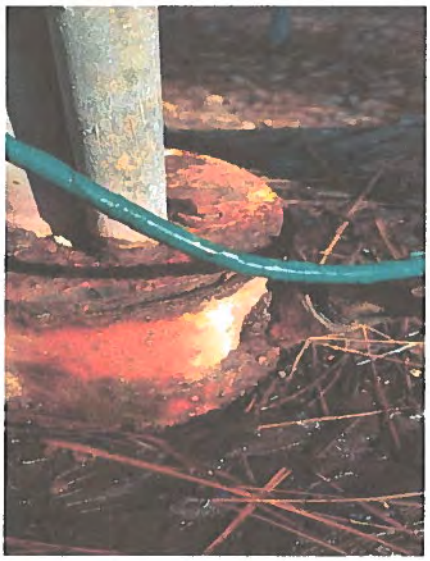
Respectfully,

Tiffany Roberson

Tiffany Roberson, R.S.
Chemical San

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: WELL #2

Category: Source

Attachment Comments: The sanitary seal was pushed up from the well casing.



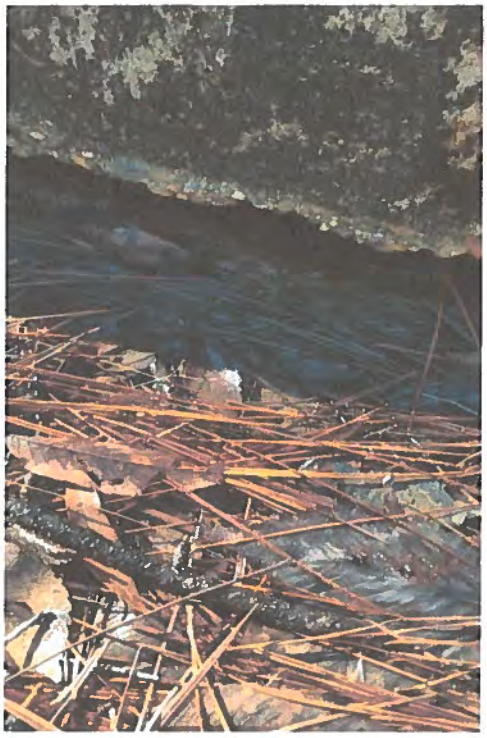
Attachment #1

Severity: Significant

Facility ID: WELL #2

Category: Source

Attachment Comments: The sanitary seal was pushed up from the well casing.



Attachment #3

Severity: Significant

Facility ID: WELL #1

Category: Source

Attachment Comments: There is a space between the ground and the well slab.



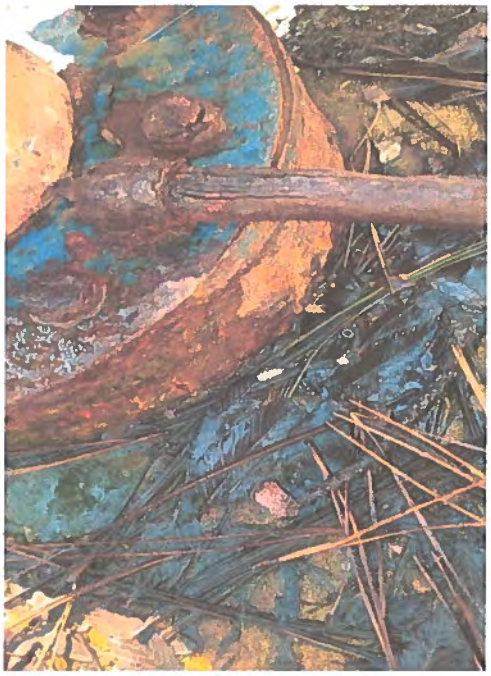
Attachment #4

Severity: Minor

Facility ID: WELL #1

Category: Source

Attachment Comments: The well's outer casing and casing vent piping are showing signs of rust, corrosion, and flaking paint.



Attachment #5

Severity: Minor

Facility ID: WELL #1

Category: Source

Attachment Comments: The well's outer casing and casing vent piping are showing signs of rust, corrosion, and flaking paint.



Attachment #6

Severity: Recommendations

Facility ID: MAIN PLANT

Category: Treatment

Attachment Comments: Chlorine cylinders were restrained with a single chain.

Attachment #7

Severity: Recommendations

Facility ID: MAIN PLANT

Category: Treatment

Attachment Comments: No weighing scales are provided.



Attachment #8

Severity: Minor

Facility ID: MAIN PLANT

Category: Treatment

Attachment Comments: The ventilating fan is currently not operational.



Attachment #9

Severity: Minor

Facility ID: STANDPIPE

Category: Finished Water Storage

Attachment Comments: The overflow for the elevated storage tank does not discharge over a splash plate or drainage inlet structure.

John Bel Edwards
GOVERNOR



Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7012 1010 0000 1527 9765**

February 7, 2019

Paul Florence
BISTINEAU STATE PARK #2
103 State Park Road
Doyline, LA 71023

Re: Class I Sanitary Survey
BISTINEAU STATE PARK #2 Public Water System
PWS ID LA2119002
WEBSTER Parish

Dear Mr. Paul Florence:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 25, 2019 sanitary survey inspection of the public water supply system for BISTINEAU STATE PARK #2 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tiffany Roberson	LDH Engineering Region 7
Paul Florence	Lake Bistineau State Park

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	No formal cross connection control plan was available. The water system must create and implement a cross connection control plan. Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.

Deficiencies

FACILITY	CATEGORY	FINDINGS
2119002-002 - WELL #2 (GROUP AREA)	Source	The well is not equipped with a casing vent. The well must be equipped with a downturned casing vent with appropriate non-corrodible 24 mesh screening, a minimum of height of 12 above grade or floor, and a minimum diameter of 1 inch. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Tiffany Roberson, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7867.

Respectfully,

Tiffany Roberson

Tiffany Roberson, R.S.
Chemical San

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: WELL #2 (GROUP AREA)

Category: Source

Attachment Comments: NO VENT

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7012 1010 0000 1527 9772**

February 20, 2019

Ronnie Jernigan
LAKESIDE RV PARK
122 Sunny Beach Road
Minden, LA 71055

Re: Class I Sanitary Survey
LAKESIDE RV PARK Public Water System
PWS ID LA2119021
WEBSTER Parish

Dear Mr. Jernigan:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 1, 2019 sanitary survey inspection of the public water supply system for LAKESIDE RV PARK (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tiffany Roberson	LDH Engineering Region 7
Ronnie Jernigan	Lakeside RV Park

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/26/2015	03/30/2015	Investigation (complaint/violation/etc.)	Significant	Source	2119021-001-WELL NO. 1
Comments: The water well is located approximately 25-30 feet from the edge of the surface water bordering the RV Park during normal conditions. When the area experiences long stretches of heavy rain and flooding, the well site will flood with several feet of water. The water system shall relocate the water well to higher ground away from the flood plain so that the water system's facilities will not flood during periods of heavy rain and localized flooding.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Operator Compliance with State Requirements	The water system is not under the control and supervision of a duly certified operator. The water system, per population and system design at the time of the survey, must be placed under the supervision and control of a certified operator holding at least level XXX certifications in the categories of Water Production and Water Distribution. The operator certification office can be reached by phone at 225-342-7508. The operator certification website is: http://www.dhh.louisiana.gov/index.cfm/page/416
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	No formal cross connection control plan was available. The water system must create and implement a cross connection control plan. Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT BLDG	Treatment	Operator using household bleach to treat water. All chemicals used in the treatment of water to be used for potable purposes shall either meet the standards of the American Water Works Association or meet NSF 60 requirements as verified by an ANSI accredited testing agency.
FACILITY	CATEGORY	FINDINGS
2119021-001 - WELL NO. 1	Source	The sample tap at the well is not equipped with an approved sample tap type. The sample tap at the well must be the smooth nozzle type. The area under and around the tap must accommodate sample containers which could be as large as a one gallon plastic milk jug without having to tilt the container to place under and remove from under the tap. The sample tap at the well must be the smooth nozzle type.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Bacteriological test and chemical test results reports from the laboratory shall be kept on file and retained for not less than ten (10) years. During the sanitary survey, the test results were not available for review. All such records shall be made available for review during inspections and sanitary surveys of the public water system performed by LDH.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Chlorine residuals must be monitored daily at the water production (POE) site. A critical point (MRT), the location in the water system furthest from treatment, must be monitored daily. An additional chlorine residual check must be made monthly at the ACR site. These points were established for the water system during the submittal of the Monitoring Plan on the Monitoring Portal website. A free chlorine residual of 0.5 mg/L is required at all times and at all locations tested. Please start measuring and recording the residuals at the locations described using a digital chlorine analyzer. Residuals must also be recorded on signed and dated "LDH Approved Chlorine Residual Forms", which can be found at: http://new.dhh.louisiana.gov/index.cfm/page/1725
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	An approved TCR tap is not being used. At least 5 suitable sample taps must be provided in the distribution system for total coliform monitoring. For smaller systems, a point of collection or sample tap shall be identified for/at each service connection. To facilitate proper sample collection, there must be at least 12 inches of clearance below the nozzle of the tap(s). This includes the distance above grass or weeds. Contact the OPH Region 5 Engineering.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.
No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Tiffany Roberson, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1807014-003	Repeat	12/5/2018		0.850	
S1806897-001	Routine	12/3/2018		0.790	
S1806477-001	Routine	11/14/2018		0.540	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7867.

Respectfully,

Tiffany Roberson

Tiffany Roberson, R.S.
Chemical San

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Significant

Facility ID: WELL NO. 1

Category: Source

Attachment Comments: The sample tap at the well must be the smooth nozzle type.



Attachment #2

Severity: Significant

Facility ID: MAIN PLANT BLDG

Category: Treatment

Attachment Comments: Operator using household bleach to treat water. All chemicals used in the treatment of water to be used for potable purposes shall either meet the standards of the American Water Works Association or meet NSF 60 requirements as verified by an ANSI accredited testing agency.



Attachment #3

Severity: Significant

Facility ID: MAIN PLANT BLDG

Category: Treatment

Attachment Comments: Bleach has to be NSF approved.



Attachment #4, #5, and #6

Severity: Minor

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: An approved TCR tap is not being used. At least 5 suitable sample taps must be provided in the distribution system for total coliform monitoring.





John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7012 1010 0000 1528 0501

June 11, 2019

Mr. Ronnie Jernigan
Lakeside RV Park
122 Sunny Beach Road
Minden, LA 71055

Re: Class 2 Follow-Up Sanitary Survey Site Visit
Lakeside RV Park Public Water System
PWS ID LA2119021
Webster Parish

Dear Mr. Jernigan:

The Department of Health and Hospitals would like to thank you and the site visit participants for the courtesy and assistance provided during the June 5, 2019 Follow-Up Sanitary Survey inspection of the public water supply LAKESIDE RV PARK. These inspections are part of our program to ensure compliance with the EPA Code of Federal Regulations Title 40 Parts 141-142 and Title 51 of the Louisiana Administrative Code.

This letter provides a summary of items noted in previous sanitary surveys in addition to during this follow-up sanitary survey. If significant deficiencies have been listed on the subsequent pages you are required to correct the deficiencies and provide written documentation of your corrective actions including the date(s) resolved. You may also request additional time beyond the 60 days in writing by providing a detailed plan of corrective action that includes proposed completion dates. Failure to respond to this letter in writing within 60 days of receipt may result in Enforcement Action.

Parties Present

Name	Organization
Kelly Herrick	LDH OPH Engineering Services
Ronnie Jernigan	Lakeside RV Park
Floyd Smith	LDH OPH Engineering Services

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1903621-001	Routine	6/3/2019		0.000	0.000
S1807014-003	Repeat	12/5/2018		0.850	
S1806897-001	Routine	12/3/2018		0.790	
S1806477-001	Routine	11/14/2018		0.540	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period

NOTICE OF DEFICIENCIES / NOTICE OF VIOLATIONS

Based upon review of the available records and visual examination of the facilities, the following deficiencies require your immediate attention.

Unresolved Observations – Deficiencies cited during previous site visits

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/01/2019	02/07/2019	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: No formal cross connection control plan was available. The water system must create and implement a cross connection control plan. Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/01/2019	02/07/2019	Sanitary Survey, Finished	Significant	Operator Compliance with State Requirements	Management

Comments: The water system is not under the control and supervision of a duly certified operator. The water system, per population and system design at the time of the survey, must be placed under the supervision and control of a certified operator holding at least level 1 certifications in the categories of Water Production and Water Distribution. The operator certification office can be reached by phone at 225-342-7508. The operator certification website is: http://www.dhh.louisiana.gov/index.cfm/page/416

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/01/2019	02/07/2019	Sanitary Survey, Finished	Significant	Treatment	TP001-MAIN PLANT BLDG

Comments: Operator using household bleach to treat water. All chemicals used in the treatment of water to be used for potable purposes shall either meet the standards of the American Water Works Association or meet NSF 60 requirements as verified by an ANSI accredited testing agency.

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/01/2019	02/07/2019	Sanitary Survey, Finished	Minor	Distribution System	DS0950-DISTRIBUTION SYSTEM

Comments: An approved TCR tap is not being used. At least 5 suitable sample taps must be provided in the distribution system for total coliform monitoring. For smaller systems, a point of collection or sample tap shall be identified for/at each service connection. To facilitate proper sample collection, there must be at least 12 inches of clearance below the nozzle of the tap(s). This includes the distance above grass or weeds. Contact the OPH Region 7 Engineering.

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/01/2019	02/07/2019	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management

Comments: Chlorine residuals must be monitored daily at the water production (POE) site. A critical point (MRT), the location in the water system furthest from treatment, must be monitored daily. An additional chlorine residual check must be made monthly at the ACR site. These points were established for the water system during the submittal of the Monitoring Plan on the Monitoring Portal website. A free chlorine residual of 0.5 mg/L is required at all times and at all locations tested. Please start measuring and recording the residuals at the locations described using a digital chlorine analyzer. Residuals must also be recorded on signed and dated "LDH Approved Chlorine Residual Forms", which can be found at: http://new.dhh.louisiana.gov/index.cfm/page/1725

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/01/2019	02/07/2019	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management

Comments: Bacteriological test and chemical test results reports from the laboratory shall be kept on file and retained for not less than ten (10) years. During the sanitary survey, the test results were not available for review. All such records shall be made available for review during inspections and sanitary surveys of the public water system performed by LDH.

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/26/2015	03/30/2015	Investigation (complaint/violation/etc.)	Significant	Source	2119021-001-WELL NO. 1
Comments: The water well is located approximately 25-30 feet from the edge of the surface water bordering the RV Park during normal conditions. When the area experiences long stretches of heavy rain and flooding, the well site will flood with several feet of water. The water system shall relocate the water well to higher ground away from the flood plain so that the water system's facilities will not flood during periods of heavy rain and localized flooding.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	The well site is not protected by a 6 foot non climbable fence with a lockable gate (See attachment 1).
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	No public water supply shall be hereafter constructed, operated or modified to the extent that the capacity, hydraulic conditions, functioning of treatment processes, or the quality of finished water is affected, without, and except in accordance with the plans and specifications for the installation which have been approved, in advance, as part of a permit submitted by the person having responsible charge of a municipality owned public water supply or by the owner of a privately owned public water supply. The permit shall be issued by the state health officer prior to the start of such construction or modification. The water well casing, discharge piping, and housing had been reconfigured without approval by this office. As built plans must be submitted by a Louisiana licensed professional engineer for review and approval by this office.

Minor Deficiencies

No observations were recorded in this category.

The deficiencies listed in the above table titled "NOTICE OF DEFICIENCIES / NOTICE OF VIOLATIONS" must be corrected and a written response submitted to the department within 60 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies/violations must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the DHH-OPH Enforcement Units. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided by the Public Water System to the Surveying Office within 60 days of receipt of this letter with details regarding your corrective actions and any time

extensions you may propose or you will be cited with a Treatment Technique violation which requires you to notify your consumers of the violation incurred.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDHH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

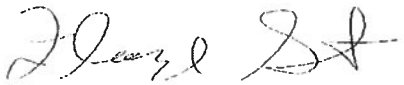
Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

DHH/OPH Engineering Services – Northwest Region VII
Attn: Floyd Smith, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-7470.

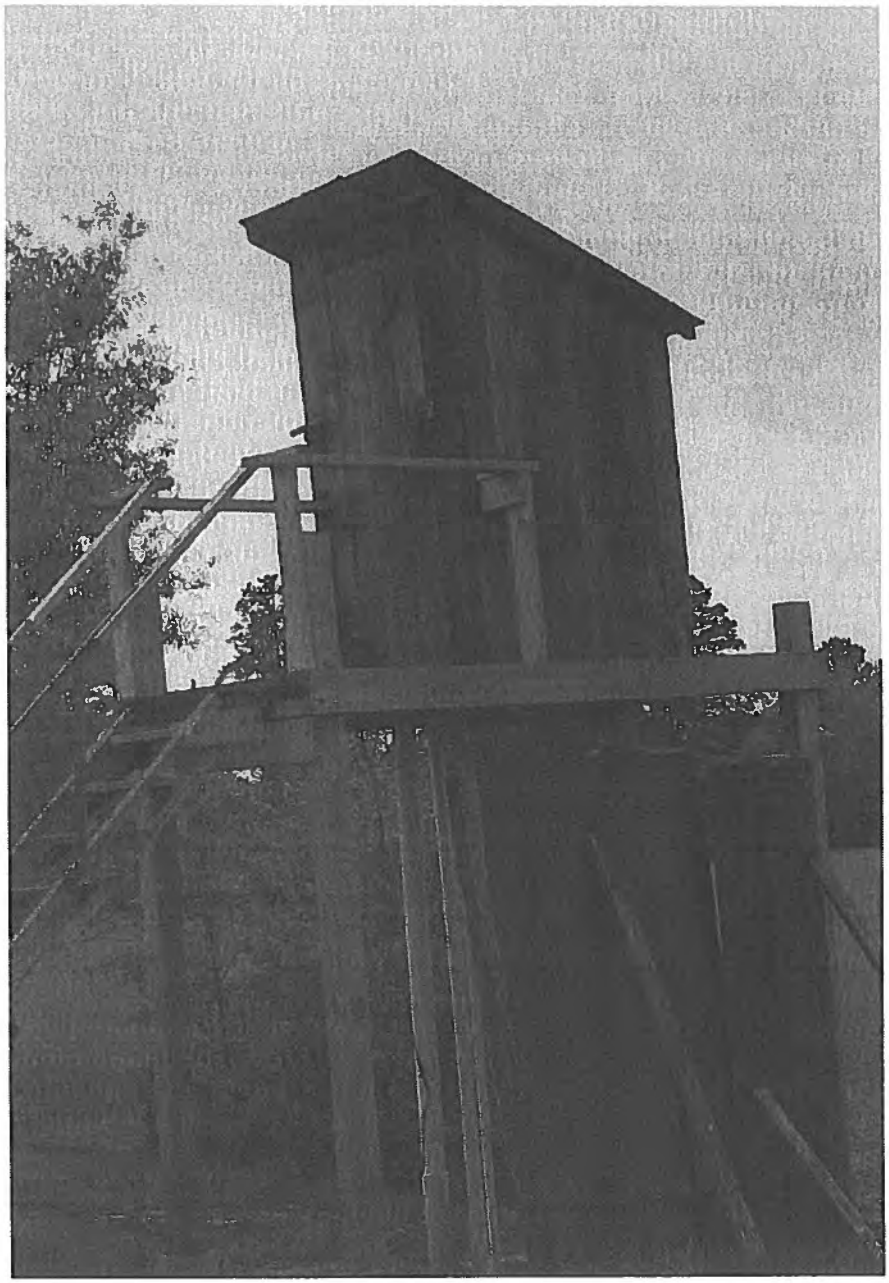
Respectfully,



Floyd Smith, R. S.
District Compliance Officer
OPH Engineering Region 7

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: WELL #1

Category: Security

Attachment Comments: No fence for well

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7012 1010 0000 1527 5873

May 28, 2019

DJ Dickenson
MUDDY BOTTOMS ATV AND REC PARK
P.O. Box 856
Minden, LA 71058-0856

Re: Class I Sanitary Survey
MUDDY BOTTOMS ATV AND REC PARK Public Water System
PWS ID LA2119023
WEBSTER Parish

Dear Dickenson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 28, 2019 sanitary survey inspection of the public water supply system for MUDDY BOTTOMS ATV AND REC PARK (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Kelly Herrick	LDH OPH Engineering Services
DJ Dickenson	Muddy Bottoms ATV& Rec Park

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a) (4) (GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - STORAGE TANK	Finished Water Storage	The overflow for a ground- level storage reservoir shall open downward and be screened with twenty-four mesh non-corrodible screen. The screen shall be installed within the overflow pipe at a location least susceptible to damage by vandalism. If a flapper valve is used, a screen shall be provided inside the valve. The overflow pipe is not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Northwest Region VII
Attn: Kelly Herrick, R.S.
1525 Fairfield Ave. Room 569
Shreveport, Louisiana 71101

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

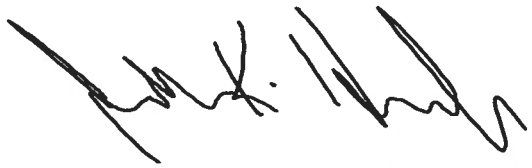
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-676-5179.

Respectfully,



Kelly Herrick, R.S.
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health
CERTIFIED MAIL:7018 1830 0001 0580 9186

August 13, 2019

Richard N. Lee, III
PORT ALLEN WATER SYSTEM
P O Box 468
Port Allen, LA 70767

Re: Class I Sanitary Survey
PORT ALLEN WATER SYSTEM Public Water System
PWS ID LA1121014
WEST BATON ROUGE Parish

Dear Mayor Lee, III:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 29, 2019 sanitary survey inspection of the public water supply system for PORT ALLEN WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Clark Broussard	LDH/OPH Region II Engineering
Jacob Haffner	LDH/OPH District II Engineering
Aaron Landry	City Of Port Allen

NOTICE OF VIOLATIONS

By this notice, LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/13/2017	08/02/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED
Comments: Smooth-nosed sampling tap(s) shall be provided to facilitate collection of water samples for both bacteriological and chemical analyses. The sample tap(s) shall be easily accessible.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/13/2017	08/02/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-ELEVATED
Comments: Smooth-nosed sampling tap(s) shall be provided to facilitate collection of water samples for both bacteriological and chemical analyses. The sample tap(s) shall be easily accessible.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/13/2017	08/02/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-ELEVATED
Comments: The records of the measurements and sampling required under Subsections A and B of this section shall be maintained on forms approved by the state health officer and shall be retained as prescribed in the National Primary Drinking Water Regulations, and shall be made available for review upon request by the state health officer. Some days chlorine residuals were not recorded with no explanation on the form.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Records of daily chlorine residuals were not complete at the time of the survey. The gaps in records seemed to often happen on the weekends when the wastewater crew was responsible for taking the residuals. Complete daily

		records of the operation of a public water system, including reports of laboratory control tests, shall be kept and retained as prescribed in the National Primary Drinking Water Regulations on forms approved by the state health officer. When specifically requested by the state health officer or required by other requirements of this Part, copies of these records shall be provided to the office designated by the state health officer within 10 days following the end of each calendar month. Additionally, all such records shall be made available for review during inspections/sanitary surveys performed by the state health officer as required in LAC 51:XII.311.A.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The copy of the most recent survey conducted in 2017 was missing from the records of the water system. LAC 51:XII.377.A requires that copies of any written reports, summaries or communications relating to sanitary surveys of the system conducted by the system itself, by a private consultant, or by any local, State, or Federal agency, shall be kept for a period not less than 10 years after completion of the sanitary survey involved
FACILITY	CATEGORY	FINDINGS
EL002 - ELEVATED	Finished Water Storage	At the time of the survey, the soil around the splash pad has begun to wash away. The erosion should be filled in and the splash pad extended to prevent further erosion as required in LAC 51:XII.225.I. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	It was noted during the survey that the ground near the pilings

		of the elevated storage tank was showing signs of erosion. LAC 51:XII.225.R requires that the area surrounding a ground-level structure shall be graded in a manner that will prevent surface water from standing within 50 feet of it. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1121014-004 - NEW AVENUE D WELL	Source	The coating of the Avenue D well was beginning to peel in places, leaving the metal beneath exposed to corrosion and damage. Old and flaking paint should be removed before applying a new coat in order to protect all exposed piping, valves, and appurtenances against physical damage and freezing in compliance with LAC 51:XII.169.H.3.a.viii. **See Attachment #2**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	Other	It is recommended that the Port Allen Water System develop, and implement a written unidirectional flushing (UDF) program. Unidirectional flushing programs are an efficient method of cleaning distribution pipes. When properly conducted UDF can scour out sediment, biofilm, corrosion products, and tuberculation. Please submit the finalized plan to the Region 2 office for

		review.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	It is recommended that a cage or wire mesh is added around the outside of the shaft beneath the well motor in order to reduce the potential for serious injury. LAC 51:XII.157 states that consideration must be given to the safety of water plant personnel and visitors. The design must comply with all applicable safety codes and regulations that may include the Uniform Building Code, Uniform Fire Code, National Fire Protection Association Standards, and state and federal OSHA standards. Items to be considered include noise arresters, noise protection, confined space entry, protective equipment and clothing, gas masks, safety showers and eye washes, handrails and guards, warning signs, smoke detectors, toxic gas detectors and fire extinguishers. **See Attachment #3**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Clark Broussard,
P. O. Box 4489, Bin #10, Bienville Bldg
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-342-7301.

Respectfully,

Clark Broussard,
Region II Engineer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: ELEVATED

Category: Finished Water Storage

Attachment Comments: It was noted during the survey that the ground near the pilings of the elevated storage tank was showing signs of erosion. LAC 51:XII.225.R requires that the area surrounding a ground-level structure shall be graded in a manner that will prevent surface water from standing within 50 feet of it.



Attachment #2

Severity: Minor

Facility ID: NEW AVENUE D WELL

Category: Source

Attachment Comments: The coating of the Avenue D well was beginning to peel in places, leaving the metal beneath exposed to corrosion and damage. Old and flaking paint should be removed before applying a new coat in order to protect all exposed piping, valves, and appurtenances against physical damage and freezing in compliance with LAC 51:XII.169.H.3.a.viii.



Attachment #3

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: It is recommended that a cage or wire mesh is added around the outside of the shaft beneath the well motor in order to reduce the potential for serious injury. LAC 51:XII.157 states that consideration must be given to the safety of water plant personnel and visitors. The design must comply with all applicable safety codes and regulations that may include the Uniform Building Code, Uniform Fire Code, National Fire Protection Association Standards, and state and federal OSHA standards. Items to be considered include noise arresters, noise protection, confined space entry, protective equipment and clothing, gas masks, safety showers and eye washes, handrails and guards, warning signs, smoke detectors, toxic gas detectors and fire extinguishers.

RECEIVED
AUG 1 3 2019
ENGINEERING SERVICES



Attachment #4

Severity: Minor

Facility ID: ELEVATED

Category: Finished Water Storage

Attachment Comments: At the time of the survey, the soil around the splash pad has begun to wash away. The erosion should be filled in and the splash pad extended to prevent further erosion as required in LAC 51:XII.225.I.

RECEIVED
AUG 13 2019
ENGINEERING SERVICES

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL:7019 0700 0000 8664 3429

August 23, 2019

Pam Keowen
WBR DISTRICT 4 - HOLIDAY INN
P.O. Box 807
Port Allen, LA 70767

Re: Class I Sanitary Survey
WBR DISTRICT 4 - HOLIDAY INN Public Water System
PWS ID LA1121024
WEST BATON ROUGE Parish

Dear Ms. Keowen:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 14, 2019 sanitary survey inspection of the public water supply system for WBR DISTRICT 4 - HOLIDAY INN (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Clark Broussard	LDH/ OPH Region II Engineering
Pam Keowen	WBR Public Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Clark Broussard,
P. O. Box 4489, Bin #10, Bienville Bldg
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

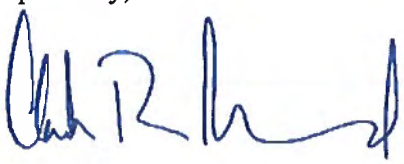
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-342-7301.

Respectfully,



Clark Broussard,
Region II Engineer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL:7019 0700 0000 8664 3436

August 23, 2019

Pam Keowen
WBR DISTRICT 4 - ARBROTH
P.O. Box 807
Port Allen, LA 70767

Re: Class I Sanitary Survey
WBR DISTRICT 4 - ARBROTH Public Water System
PWS ID LA1121026
WEST BATON ROUGE Parish

Dear Ms. Keowen:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 14, 2019 sanitary survey inspection of the public water supply system for WBR DISTRICT 4 - ARBROTH (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Clark Broussard	LDH/ OPH Region II Engineering
Pam Keowen	WBR Public Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1121026-001 - WBR DIST #4 ARBROTH WELL	Source	At the time of the survey, the well had been out of service for an extended period of time. Since there are no plans to rehabilitate the source it must be properly abandoned as called for in LAC 51:XII.331.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	ACR and POE recordings of chlorine residuals were not complete at the time of inspection. LAC 51:XII.311 requires that complete daily records of the operation of a public water system, including reports of laboratory control tests, shall be kept and retained as prescribed in the National Primary Drinking Water Regulations on forms approved by the state health officer. When specifically requested by the state health officer or required by other requirements of this Part, copies of these records shall be provided to the office designated by the state health officer within 10 days following the end of each calendar month. Additionally, all such records shall be made available for review during inspections/sanitary surveys performed by the state health officer.
FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC	Finished Water Storage	The hydropneumatic tank is in need of a new coat of paint as rust was showing during the inspection of facilities. LAC 51:XII.225.S requires that painting or cathodic protection be provided to metal surfaces. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Clark Broussard,
P. O. Box 4489, Bin #10, Bienville Bldg
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-342-7301.

Respectfully,



Clark Broussard,
Region II Engineer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: HYDROPNEUMATIC

Category: Finished Water Storage

Attachment Comments: The hydropneumatic tank is in need of a new coat of paint as rust was showing during the inspection of facilities.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL:7019 0700 0000 8664 3412

August 23, 2019

Pam Keowen
WBR DISTRICT 4 -SECTION ROAD WINTERVILLE
P.O. Box 807
Port Allen, LA 70767

Re: Class I Sanitary Survey
WBR DISTRICT 4 -SECTION ROAD WINTERVILLE Public Water System
PWS ID LA1121027
WEST BATON ROUGE Parish

Dear Ms. Keowen:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 14, 2019 sanitary survey inspection of the public water supply system for WBR DISTRICT 4 -SECTION ROAD WINTERVILLE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Clark Broussard	LDH/OPH Region II Engineering
Pam Keowen	WBR Public Utilities

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/18/2014	10/24/2014	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED
Comments: There is no splash pad provided for the overflow of the elevated tower. A splash plate should be added.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	POE sample recordings were not complete at the time of the survey. LAC 51.XII.311 requires that complete daily records of the operation of a public water system, including reports of laboratory control tests, shall be kept and retained as prescribed in the National Primary Drinking Water Regulations on forms approved by the state health officer. When specifically requested by the state health officer or required by other requirements of this Part, copies of these records shall be provided to the office designated by the state health officer within 10 days following the end of each calendar month. Additionally, all such records shall be made available for review during inspections/sanitary surveys performed by the state health officer.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	There was no splash plate beneath the overflow pipe for the Section Road elevated tower. As required in LAC:51.XII.225.I.1, all water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	Turbine shaft wells with exposed spinning parts beneath the motor pose a serious hazard to operators and visitors to water facilities. A metal cage or mesh should be placed in such a way to preclude personnel contact with rapidly moving parts of the well. **See Attachment #2**

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Clark Broussard,
P. O. Box 4489, Bin #10, Bienville Bldg
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-342-7301.

Respectfully,



Clark Broussard,
Region II Engineer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Minor

Facility ID: ELEVATED

Category: Finished Water Storage

Attachment Comments: There was no splash plate beneath the overflow pipe for the Section Road elevated tower. As required in LAC:51.XII.225.I.1, all water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate.



Attachment #2

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: Turbine shaft wells with exposed spinning parts beneath the motor pose a serious hazard to operators and visitors to water facilities. A metal cage or mesh should be placed in such a way to preclude personnel contact with rapidly moving parts of the well.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 0680 0001 2488 9299** – Return Receipt Requested

July 10, 2019

Jerry Hagan, President
Fiske Union Water System
Post Office Box 336
Oak Grove, LA 71263

Re: Class I Sanitary Survey
Fiske Union Water System
PWS ID LA1123002
West Carroll Parish

Dear Mr. Hagan:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 28, 2019 sanitary survey inspection of the public water supply system for Fiske Union Water System (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tyler Lollis	LDH/OPH Engineering Services Region VIII
Peggy Harris	Fiske Union Water System
Frankie Jones	Fiske Union Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	During review of the water system records, it was discovered that the water system had adopted, but could not provide records to show they were enforcing a formal Cross Connection Control Program (CCCP). A survey of the entire system must be completed to ensure that all customers, residential and commercial, are protected from potentially polluting the distribution system. An up-to-date customer listing must be compiled showing the critical customers within the distribution system. High risk customers include but are not limited to restaurants, hospitals, schools, funeral homes, jails, churches, farms, and customers with auxiliary water (such as swimming pools, private wells, fountains, animal watering troughs, indoor fire protection, and others). All commercial customers should be assessed for proper backflow prevention devices. It is the responsibility of the water system to ensure all residential and commercial customers with auxiliary water are properly filling these vessels using an air gap or an approved backflow prevention device. . If there are no high-risk customers served by the water system, the system must provide documentation to demonstrate this. Customers must be given notification of their obligations as part of the water systems written CCCP. All correspondence and required annual testing must be kept on file by the water system for review during sanitary surveys and inspections by LDH. Please provide a written statement to the Region 8 Office to include actions that will be taken by the water system to enforce the CCCP as a requirement, create an up-to-date list of critical customers, and document current annual test reports for all customers required to maintain backflow prevention devices. Please feel free to contact this office for assistance with this item. There are also resources for these programs available on the LDH website at http://ldh.la.gov/index.cfm/page/549/n/281 under "Backflow Prevention."
FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of inspection, it was found that the backwash pond was in extremely poor condition due to overgrowth and lack of maintenance. The inlet line was hidden due to the thick vegetation, and it was impossible to determine if an air gap or backflow prevention device was present/operable. This presents the possibility for a direct connection to a source of contamination. The backwash pond must be rehabilitated to its original state. (See Attachment No. 1)

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	During review of the water system records, it was noted that the water system was not measuring and recording the free chlorine residual at the correct Maximum Residence Time (MRT) and Additional Chlorine Residual (ACR) points as identified on the Monitoring Plan Portal (located at https://www.ldhh-mpp.org/). The system must measure the free chlorine residual daily at the MRT (106 Airport Road) and once a month at the ACR (Bran Road) and record these measurements on LDH Approved Chlorine Residual Forms #2 and #3, respectively. Please submit the next 3 months of properly recorded chlorine forms to the Region VIII Office by mail to: LDH/OPH Engineering Services, Attn: Tyler Lollis, 1650 Desiard Street, 2nd Floor, Monroe, LA 71201 or by email to: Tyler.Lollis@la.gov.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The water system is not maintaining records of iron and manganese test results in conjunction with use of the Greensand filters. The system does not have test equipment available to maintain such records. Each iron and/or manganese removal plant shall have test equipment capable of accurately measuring iron to a minimum of 0.1 milligrams per liter, and/or test equipment capable of accurately measuring manganese to a minimum of 0.05 milligrams per liter (LAC 51:XII.137.G.4). Notify this office when the referenced test equipment has been acquired and provide written procedures for recording and maintaining iron and manganese test results.
FACILITY	CATEGORY	FINDINGS
TP002 - WELL #2 & #3 BLENDED WATER	Treatment	The feed rate and dose for potassium permanganate was unknown/not determined at the time of inspection. It is unknown if the product is being used in compliance with its NSF maximum use level of 50 mg/L. The chemical feed pump for potassium permanganate appeared to be unsecure at the time of inspection. The pump should be secured to reduce hazard of chemical spill and equipment failure, but still be readily accessible for servicing, repair, and observation of operation. The pump should be conveniently located near points of application to minimize length of feed lines. Secure the potassium permanganate chemical feed pump. (See Attachment No. 2)
FACILITY	CATEGORY	FINDINGS
1123002-003 - WELL #3	Source	The concrete pad for Well #3 did not extend far enough to prevent erosion when wasting water. The well site must be graded to drain water away and prevent pooling water. Fill in the erosion and/or extend the splash pad to prevent future erosion from occurring. The Well wasting discharge line is normally equipped with a blind flange when not in use. The flange should be re-tightened to the wasting line to prevent the valve from rusting prematurely and to keep out wasps and other insects. (See Attachment No. 3)

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP002 - GREENSAND FILTERS	Treatment	Typical life expectancy for Greensand media is between 5-8 years. This is also dependent upon proper operations and service conditions. During inspection, the operator noted that the filters had not been rehabilitated in approximately 7 years. The filters should be evaluated for media replacement and refurbishment. At the time of inspection, the operator stated that both Greensand filters were backwashed every evening at midnight, without any consideration for head loss or downstream metal concentrations. Within 60 days of receipt of this survey, please provide written operation and maintenance specifications for the greensand filters that includes recommended differential pressure across each filter, routine iron and manganese testing, testing required by the manufacturer, manufacturer specifications and requirements, etc.
FACILITY	CATEGORY	FINDINGS
TP002 - WELL #2 & #3 BLENDED WATER	Treatment	At the time of inspection, the chlorine bottles were not restrained to prevent upset. Chain the chlorine bottles individually in position. The potassium permanganate chemical cover appeared to be in poor condition. The lid should be replaced and vented properly. (See Attachment No. 2)
FACILITY	CATEGORY	FINDINGS
EL001 & GR001	Finished Water Storage	Develop and implement a written inspection program for the ground storage tank. For steel tanks AWWA M42 recommends the maximum interval for periodic inspections of the tank interior should normally be three (3) years. It is usually advisable to wash out the tank at the time of inspection.
FACILITY	CATEGORY	FINDINGS
Management	M&R and	At the time of inspection, it was noted that the system did not have

	Data Verification	the equipment necessary to validate their colorimeter. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a secondary standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	A properly designed and implemented flushing program is considered to be a valuable tool to significantly improve water quality and increase the reliability of the water distribution system. The flushing program must be documented and periodically evaluated for effectiveness. Of the various types of flushing programs that can be implemented, a unidirectional flushing (UDF) program is preferred where system design allows. UDF is the strategic closing of valves and opening of hydrants to flush one segment of main in a SINGLE DIRECTION (UDF). Higher velocities (> 5 fps is desirable) scour and remove sediment and deposits from water mains. Within 60 days of receipt of this survey develop and implement a written flushing program.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Tyler Lollis,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1806052-002	Repeat	10/17/2018		1.120	
S1806052-003	Repeat	10/17/2018		1.150	
S1806052-004	Repeat	10/17/2018		1.210	
S1806011-	Routine	10/15/2018		1.310	

001					
S1806011-002	Routine	10/15/2018		1.200	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7210.

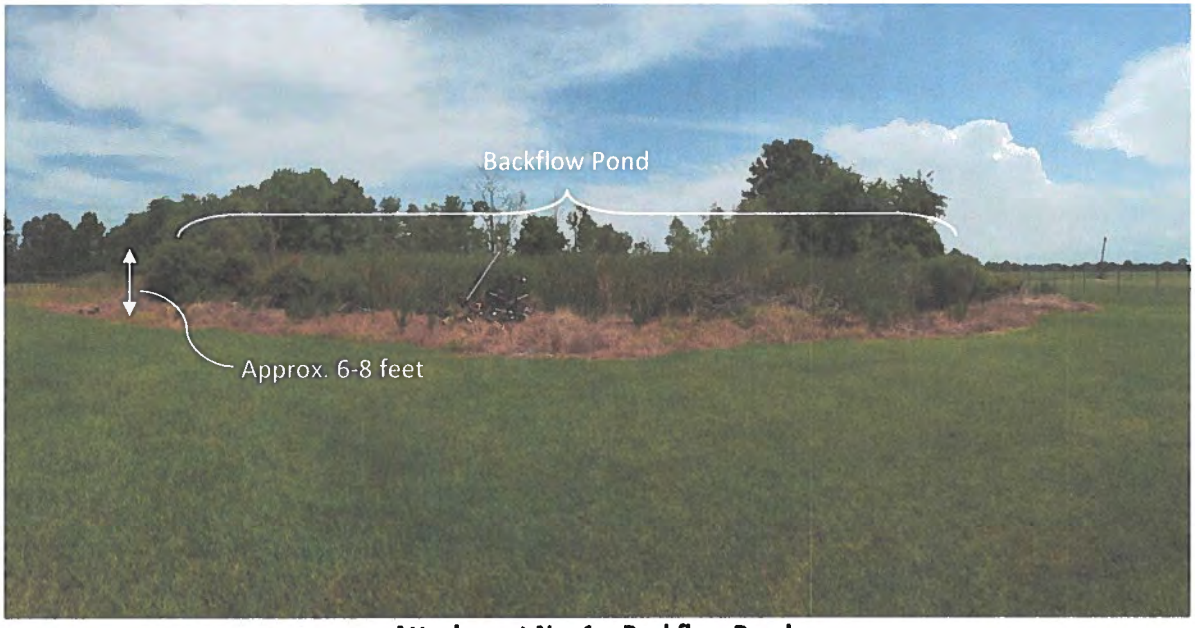
Respectfully,

Tyler Lollis

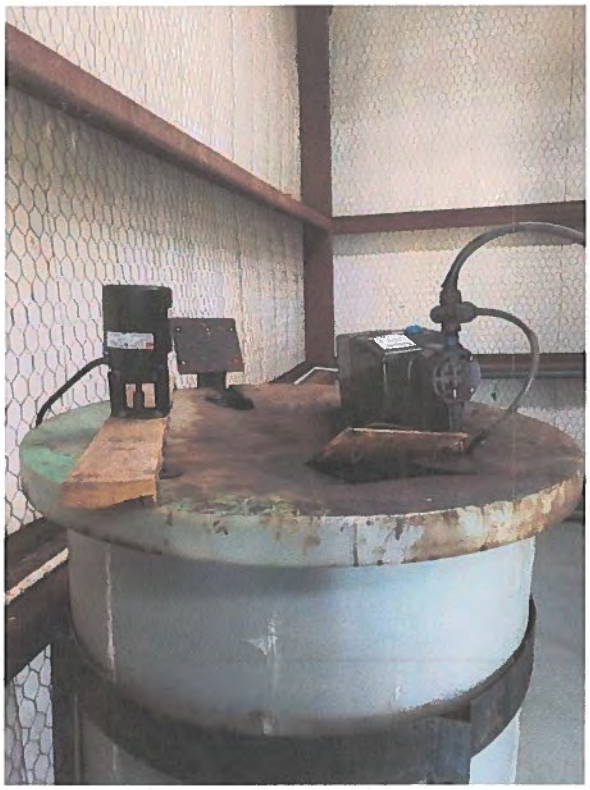
Tyler Lollis, E.I.
Region 8 – Monroe
LDH/OPH Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH/OPH Engineering Services
File

Attachments



Attachment No. 1 – Backflow Pond



Attachment No. 2 – Potassium Permanganate Feed

Attachments (cont.)



Attachment No. 3 – Well No. 3 Wasting Line

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 0680 0001 2497 7989** – Return Receipt Requested

March 28, 2019

Larry Denmon
Village of Forest Water System
P.O. Box 338
Forest, LA 71242

Re: Class I Sanitary Survey
Village of Forest Water System Public Water System
PWS ID LA1123003
West Carroll Parish

Dear Mayor Denmon:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 25, 2019 sanitary survey inspection of the public water supply system for Village of Forest Water System (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tyler Lollis	LDH/OPH Engineering Services Region 8
Peggy Harris	Village of Forest WS
Frankie Jones	Jones Water Consulting

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of inspection, the water system produced records showing they had adopted a formal Cross Connection Control Program, but the water system was not enforcing the program. A survey of the entire system must be completed to ensure that all customers, residential and commercial, are protected from potentially polluting the distribution system. High risk customers include but are not limited to restaurants, hospitals, schools, funeral homes, jails, churches, farms, customers with swimming pools, private wells, fountains, animal watering troughs, indoor fire protection, and others. An up-to-date customer listing must be compiled showing the critical customers within the distribution system. All commercial customers should be assessed for proper backflow prevention devices. Customers must be given notification of their obligations as part of the water systems working CCCP. All correspondence and required annual testing must be kept on file by the water system for review during sanitary surveys and inspections by LDH. Please provide a written statement to the LDH office of the actions that will be taken by the water system to enforce the CCCP as a requirement, provide an up-to-date list of critical customers, and secure current annual test reports for all customers with backflow preventers.
FACILITY	CATEGORY	FINDINGS
Management	Security	It was noted during the inspection that the elevated tank site gate is not kept closed or locked. The site should be kept secure to prevent vandalism and entrance by animals or unauthorized persons. Please close and lock the elevated tank gate when the site is not occupied.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1123003-006 - WELL #6	Source	The Well #6 air release valve piping was not covered with 24 mesh corrosion resistant screen. Install a screen on the terminating end of the air release valve exhaust piping for Well #6.
FACILITY	CATEGORY	FINDINGS
TP001 - WELLS 5 & 6	Treatment	At the time of inspection, the chlorine building ventilating fan was inoperable. Install a working ventilating fan in the chlorine building.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE TANK	Finished Water Storage	The ground storage tank is not equipped with a pressure gauge. Install a pressure gauge on the ground storage tank. At the time of inspection, the ground storage tank overflow pipe showed signs of exterior rust and corrosion. Paint the overflow

		piping with NSF approved paint. (See Attachment #1) The ground storage tank overflow pipe is not screened. Install a twenty-four mesh non-corrodible screen on the overflow pipe, which should open downward and discharge over the splash pad.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	It was found that the elevated tank overflow terminated low to the ground and had eroded away soil underneath the discharge location due to the absence of a splash pad or drainage structure. Fix the overflow tank overflow pipe so that it terminates between 12 and 24 inches above the ground surface, discharges over a splash pad or drainage structure to prevent erosion, and is covered by a 4 mesh non-corrodible screen. (See Attachment #2)

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was noted that the system did not have the equipment necessary to validate their colorimeter. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	It was noted during the sanitary survey that the water system did not routinely compare monthly water production to water sold to estimate monthly water loss. Analysis of water loss is important to quantify leaks in the distribution system or other inferences.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Tyler Lollis,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1804879-001	Routine	8/20/2018	Chlorine residual was not documented on Lab8		
S1804879-002	Routine	8/20/2018		1.140	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7210.

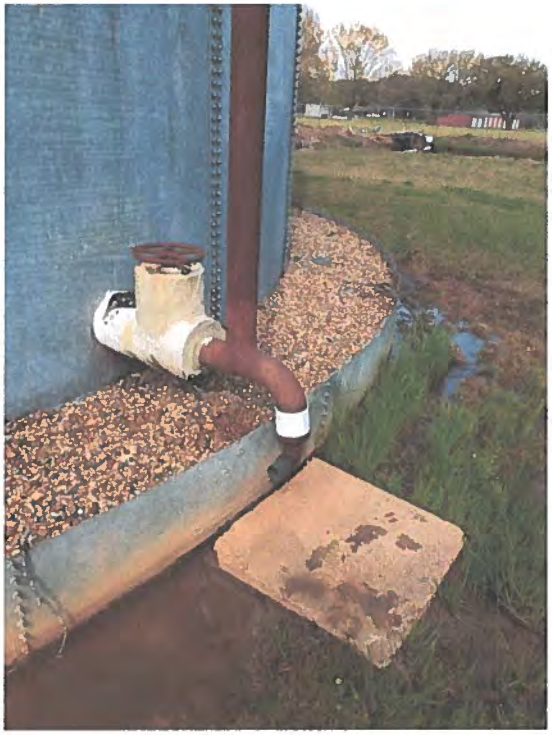
Respectfully,

Tyler Lollis

Tyler Lollis, E.I.
Region 8 – Monroe
LDH/OPH Engineering Services

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering Services
File

Attachments



Attachment #1 – GR001 Ground Storage Tank Overflow



Attachment #2 – EL001 Elevated Storage Tank Overflow

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 0680 0001 2488 9183** – Return Receipt Requested

June 10, 2019

Charles Townsend, President
Goodwill Water System
235 Grice Road
Oak Grove, LA 71263

Re: Class I Sanitary Survey
Goodwill Water System Public Water System
PWS ID LA1123004
West Carroll Parish

Dear Mr. Townsend:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 5, 2019 sanitary survey inspection of the public water supply system for Goodwill Water System (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tyler Lollis	LDH/OPH Engineering Services Region 8
Carl Frith	Goodwill Water System
Tommie Grice	Goodwill Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	During review of the water system records, it was discovered that the water system had not adopted a formal Cross Connection Control Program (CCCP). The water system must adopt a formal Cross Connection Control Program. A model backflow ordinance is available on the LDH website for review. A survey of the entire system must be completed to ensure that all customers, residential and commercial, are protected from potentially polluting the distribution system. An up-to-date customer listing must be compiled showing the critical customers within the distribution system. High risk customers include but are not limited to restaurants, hospitals, schools, funeral homes, jails, churches, farms, and customers with auxiliary water (such as swimming pools, private wells, fountains, animal watering troughs, indoor fire protection, and others). All commercial customers should be assessed for proper backflow prevention devices. It is the responsibility of the water system to ensure all residential and commercial customers with auxiliary water are properly filling these vessels using an air gap or an approved backflow prevention device. Customers must be given notification of their obligations as part of the water systems written CCCP. All correspondence and required annual testing must be kept on file by the water system for review during sanitary surveys and inspections by LDH. Please provide a written statement to the Region 8 Office to include actions that will be taken by the water system to adopt and enforce the CCCP as a requirement, create an up-to-date list of critical customers, and document current annual test reports for all customers required to maintain backflow prevention devices. Please feel free to contact this office for assistance with this item. There are also resources for these programs available on the LDH website at http://ldh.la.gov/index.cfm/page/549/n/281 under "Backflow Prevention."

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	There is a small portion of erosion occurring near the central concrete support of the elevated tank. The concrete pad provides structural support for the elevated tank and must be supported firmly on all sides by soil. Fill the eroded section back in to grade standing water away and prevent tank integrity issues in the future.
FACILITY	CATEGORY	FINDINGS
1123004-001 - WELL #1 (SOUTH)	Source	The splash pad for Well No. 1 had some slight erosion occurring on the far end. Fill in the erosion to grade water away and prevent pooling.

FACILITY	CATEGORY	FINDINGS
1123004-003 - WELL NO #3 (EAST)	Source	The air relief valve piping terminated at the ground surface. The piping must terminate at least 18 inches above the floor and be covered by a 24 mesh corrosion resistant screen. Raise the air relief piping to at least 18 inches above the ground.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was noted that the system did not have the equipment necessary to validate their colorimeter. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Tyler Lollis,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information:

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
8000958	09/06/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	08/01/2018 - 08/31/2018
8000957	08/03/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2018 - 07/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7210.

Respectfully,

Tyler Lollis

Tyler Lollis, E.I.
Region 8 – Monroe
LDH/OPH Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH/OPH Engineering Services
File

John Bel Edwards
GOVERNOR



Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 0680 0001 2488 9206** – Return Receipt Requested

June 12, 2019

A. M. O'Neal Jr.
New Carroll Water System
P O Box 427
Kilbourne, LA 71253

Re: Class I Sanitary Survey
New Carroll Water System Public Water System
PWS ID LA1123005
West Carroll Parish

Dear Mr. O'Neal Jr.:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 5, 2019 sanitary survey inspection of the public water supply system for New Carroll Water System (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tyler Lollis	LDH/OPH Engineering Services Region 8
Mike Brantley	New Carroll Water System
Ruthie Finley	New Carroll Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The pipe gallery in the treatment plant building is severely corroded in areas where the paint has faded or flaked off. The pipes must be repainted to protect against further corrosion and potential failure. Clean and repaint the pipe gallery around the filters, softeners, and booster pumps with NSF 61 approved paint. (See Attachments #1 & #2)
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	During the facilities inspection, the operator stated that certain modifications were made to various system infrastructure with regards to welding the softeners and installing VFD on the booster pumps, however a permit was not issued for such work. No public water supply shall be hereafter constructed, operated or modified to the extent that the capacity, hydraulic conditions, functioning of treatment processes, or the quality of finished water is affected, without, and except in accordance with the plans and specifications for the installation which have been approved, in advance, as part of a permit submitted by the person having responsible charge of a municipality owned public water supply or by the owner of a privately owned public water supply. The permit shall be issued by the state health officer prior to the start of such construction or modification. Please have a Louisiana licensed Professional Engineer submit "as built" plans and specifications for all unpermitted modifications to the Region 8 Office.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	During review of the water system records, it was discovered that the water system had not adopted and was not enforcing a formal Cross Connection Control Program (CCCP). The water system must adopt a formal Cross Connection Control Program. A model backflow ordinance is available on the LDH website for review. A survey of the entire system must be completed to ensure that all customers, residential and commercial, are protected from potentially polluting the distribution system. An up-to-date customer listing must be compiled showing the critical customers within the distribution system. High risk customers include but are not limited to restaurants, hospitals, schools, funeral homes, jails, churches, farms, and customers with auxiliary water (such as swimming pools, private wells, fountains, animal watering troughs, indoor fire protection, and others). All commercial customers should be assessed for proper backflow prevention devices. It is the responsibility of the water system to ensure all residential and commercial customers with auxiliary water are properly filling these vessels using an air gap or an approved backflow prevention device. Customers must be given notification of their obligations as part of the water systems written CCCP. All correspondence and required annual testing must be kept on file by the water system for review

		during sanitary surveys and inspections by LDH. Please provide a written statement to the Region 8 Office to include actions that will be taken by the water system to adopt and enforce the CCCP as a requirement, create an up-to-date list of critical customers, and document current annual test reports for all customers required to maintain backflow prevention devices. Please feel free to contact this office for assistance with this item. There are also resources for these programs available on the LDH website at http://ldh.la.gov/index.cfm/page/549/n/281 under "Backflow Prevention."
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	Due to the height of the elevated tank overflow pipe, it is unclear if the tank overflow is screened with a four mesh, non-corrodible screen. The overflow for an elevated tank must open downward and be screened with a four mesh, non-corrodible screen. The screen shall be installed within the overflow pipe at a location least susceptible to damage by vandalism. If a flapper is used, a screen shall be provided inside the valve.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	The ground storage tank overflow piping was not screened to prevent the entrance of birds, insects, dust or other contaminating material. The overflow must open downward and be screened by a 24 mesh non-corrodible screen.
FACILITY	CATEGORY	FINDINGS
1123005-001 - WELL #1	Source	At the time of inspection, the paint on the discharge piping for Well #1 appeared to be flaking and peeling off. The well piping must be properly protected from physical damage due to rust and corrosion and maintained to prevent a future pathway for contamination. Paint the well discharge piping with NSF 61 approved paint. (See Attachment #3)
FACILITY	CATEGORY	FINDINGS
1123005-002 - WELL #2	Source	At the time of inspection, the paint on the discharge piping for Well #2 appeared to be flaking and peeling off. The well piping must be properly protected from physical damage due to rust and corrosion and maintained to prevent a future pathway for contamination. Paint the well discharge piping with NSF 61 approved paint. (See Attachment #4)
FACILITY	CATEGORY	FINDINGS
1123005-003 - WELL #3	Source	At the time of inspection, the paint on the discharge piping for Well #3 appeared to be flaking and peeling off. The well piping must be properly protected from physical damage due to rust and corrosion and maintained to prevent a future pathway for contamination. Paint the well discharge piping with NSF 61 approved paint. (See Attachment #5) The Well #3 discharge piping was fitted with a threaded sample tap, which presents a pathway for contamination to enter the well discharge piping. Replace the threaded tap with a smooth nozzle type or install an atmospheric vacuum breaker on the threaded tap to prevent contamination from backflow.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	During review of the water system records, it was noted that the water system did not measure the free chlorine residual on the weekends and did not measure the free chlorine residual at the ACR point (located on the Monitoring Plant Portal: https://www.ldhh-mpp.org/) at least once a month and document the result on the LDH Approved Chlorine Residual Form #3. The system must maintain the chlorine residual entering the distribution system at a point high enough to maintain a 0.5 mg/L free chlorine residual everywhere in the distribution system. The required POE free chlorine residual is based off a pH chart in Part XII, Section 355 of the State Sanitary Code. Please submit the next 3 months of properly recorded chlorine forms to the Region VIII Office by mail to: LDH/OPH Engineering Services, Attn: Tyler Lollis, 1650 Desiard Street, 2nd Floor, Monroe, LA 71201 or by email to Tyler.Lollis@la.gov.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	The elevated tank overflow terminated high above the ground near the water reservoir. The overflow must be brought down to an elevated between 12 and 24 inches above ground surface, discharge over a drainage structure or splash pad, and be screened by a 4 mesh, corrosion resistant screen.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was noted that the system did not have the equipment necessary to validate their colorimeter. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a secondary standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The

		validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The treatment plant building has excess clutter including old boxes and stored equipment. The room should be cleaned/organized to prevent accidents for water plant personnel and to protect system infrastructure.
FACILITY	CATEGORY	FINDINGS
TP001 – Main Plant	Treatment	The chlorine building inspection window had a crack in it from an impact of some sort. The inspection window should be replaced.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Tyler Lollis,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
8002426	09/06/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	08/01/2018 - 08/31/2018
8002425	08/03/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2018 - 07/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7210.

Respectfully,

Tyler Lollis

Tyler Lollis, E.I.
Region 8 – Monroe
LDH/OPH Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH/OPH Engineering Services
File

Attachments



Attachment #1 – Pipe Gallery near Pumps



Attachment #2 – Pipe Gallery near Softeners

Attachments (cont.)



Attachment #3 – Well No. 1 Discharge Piping



Attachment #4 – Well No. 2 Discharge Piping



Attachment #5 – Well No. 3 Discharge Piping

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: **7018 0680 0001 2490 7269** – Return Receipt Requested

December 6, 2019

Adam Holland
Oak Grove Water System
407 East Main Street
Oak Grove, LA 71263

Re: Class I Sanitary Survey
Oak Grove Water System
PWS ID LA1123006
West Carroll Parish

Dear Mayor Holland:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the December 5, 2019 sanitary survey inspection of the public water supply system for the Oak Grove Water System (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Tyler Lollis	LDH/OPH Engineering Services Region 8
Angela Atkins	Town of Oak Grove
Marilyn Jordan	Town of Oak Grove
Byron Lewis	Town of Oak Grove
Greg Thompson	Town of Oak Grove

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2017	11/22/2017	Sanitary Survey, Finished	Significant	Other	Management
Comments: At the time of the inspection, it was noted the all of the brine tanks lids have been replaced by painted plywood tops. These tops are loose fitting and are not designed for this purpose. Replace the brine tanks to what was originally specified in the plans for the system.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2017	11/22/2017	Sanitary Survey, Finished	Significant	Treatment	TP005-TREATS WELLS 1,2,3 & 4 @ NEW PLANT
Comments: At the time of the inspection, it was noted that the overflow of the salt tank sock that catches the overflow of salt and directs it to a containment box was not working. Repair or replace the sock to prevent the salt and salt dust from escaping the tank and area where it will corrode the metal in the area.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2017	11/22/2017	Sanitary Survey, Finished	Significant	Treatment	TP005-TREATS WELLS 1,2,3 & 4 @ NEW PLANT
Comments: At the time of the inspection, it was noted that all sample taps at all green sand filters cells and the water softeners were all in poor repair. Repair or replace all 16 of the sample taps at the green sand filters and the 6 sample taps on the water softeners inside the treatment plant.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2017	11/22/2017	Sanitary Survey, Finished	Minor	Source	1123006-003-WELL #2
Comments: At the time of the inspection, it was noted that heavy corrosion was occurring at the casing of well #2. Have the well evaluated by a licensed well driller to be sure the sanitary seal is intact and correct the corrosion of the casing.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2017	11/22/2017	Sanitary Survey, Finished	Minor	Source	1123006-005-WELL #4 (SOUTH) @ NEW PLANT
Comments: At the time of the inspection, it was noted that heavy corrosion was occurring at the casing of well #4. Have the well evaluated by a licensed well driller to be sure the sanitary seal is intact and correct the corrosion of the casing.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2017	11/22/2017	Sanitary Survey, Finished	Minor	Treatment	TP005-TREATS WELLS 1,2,3 & 4 @ NEW PLANT

Comments: There is no way to measure the volume of salt contained in the bulk salt tank. Install a device to measure the amount of salt being stored at the bulk salt tank.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The water system did not maintain calibration/validation logs for the colorimeter, pH meter, or iron meter equipment. These records must be kept and retained for review on sanitary surveys. Provide a copy of the equipment calibration/validation form to this office once developed.
FACILITY	CATEGORY	FINDINGS
TP005 - TREATS WELLS 1,2,3 & 4 @ NEW PLANT	Treatment	The light in the chlorine building was not working properly at the time of inspection. Repair or replace the light fixture.
FACILITY	CATEGORY	FINDINGS
1123006-002 - WELL #1	Source	At the time of inspection, the paint around the well casing was in poor condition. The casing/discharge piping must be cleaned and painted before the well is brought back online. The well must also be sampled before being placed online; please contact our office for assistance with this. (See Attachment No. 1 & 2)
FACILITY	CATEGORY	FINDINGS
1123006-003 - WELL #2	Source	The screen on the air-release vacuum relief valve was broken at the time of inspection. Replace the broken screen with a 24 mesh corrosion resistant screen.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP005 - TREATS WELLS 1,2,3 & 4 @ NEW PLANT	Treatment	The chlorine building was not equipped with a shatter-resistant inspection window. Provide a shatter-resistant inspection window for the chlorine building.
FACILITY	CATEGORY	FINDINGS
TP005 - TREATS WELLS 1,2,3 & 4 @ NEW PLANT	Treatment	The chlorine cylinders were not provided with weighing scales. Please provide scales for the chlorine bottles.
FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of inspection, the water system tracked water loss on a yearly basis for audit purposes. The water system should track water on a monthly basis in order to quantify the percent of water loss through leaks, flushing, or other means. Please provide the next 3 months of water loss numbers to the Region 8 Office.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services
Northeast Region VIII
Attn: Tyler Lollis,
1650 Desiard St., 2nd Floor
Monroe, Louisiana 71201

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
4047119	07/24/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2019 - 07/31/2019

4047118	02/14/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	09/14/2018 - 10/25/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7210.

Respectfully,

Tyler Lollis

Tyler Lollis, E.I.
Region 8 – Monroe
LDH/OPH Engineering Services

cc: Amanda Ames, P. E., Chief Engineer, LDH/OPH Engineering Services

Attachments



Attachment No. 1 – Well #1 Casing Paint



Attachment No. 2 – Well #1 Casing & Discharge Paint

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 0700 0000 8664 3788

September 12, 2019

Robert Becker
LOUISIANA STATE PENITENTIARY
Hwy 66-Angola
Angola, LA 70712

Re: Class I Sanitary Survey
LOUISIANA STATE PENITENTIARY Public Water System
PWS ID LA1125005
WEST FELICIANA Parish

Dear Mr. Becker:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 12, 2019 sanitary survey inspection of the public water supply system for LOUISIANA STATE PENITENTIARY (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Clark Broussard	LDH/OPH Engineering Services
Robert Becker	LA State Penitentiary (Angola)
Christina Dang	LDH/OPH Engineering Services
Jacob Haffner	LDH/OPH Engineering District II

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing,

or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1125005-002 - LA STATE PENT WELL NO 2 IN PASTURE (#3)	Source	At the time of the survey, the packing for Well 002 was leaking excessively. The packing should be tightened or replaced so that only the water necessary for lubrication of the spindle is allowed to drip. **See Attachment #4**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	Other	It is recommended that the flushing plan used for the distribution be finalized and formally adopted as a standard procedure for the operation of the water system. Unidirectional flushing programs are an efficient method of cleaning distribution pipes. When properly conducted UDF can scour out sediment,

		biofilm, corrosion products, and tuberculation. Please submit the finalized plan to the Region 2 office for review.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	It is recommended that a cage or wire mesh is added around the outside of the shaft beneath the well motor in order to reduce the potential for serious injury. LAC 51:XII.157 states that consideration must be given to the safety of water plant personnel and visitors. **See Attachment #2, #3 and #1**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT FOR WELLS 2, 4, 5, 7	Treatment	It is recommended that all operators make themselves familiar with phosphate dosing calculations, and are aware of the total phosphate dose being applied to the water.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Clark Broussard,
P. O. Box 4489, Bin #10, Bienville Bldg.
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-342-7301.

Respectfully,



Clark Broussard,
Region II Engineer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments

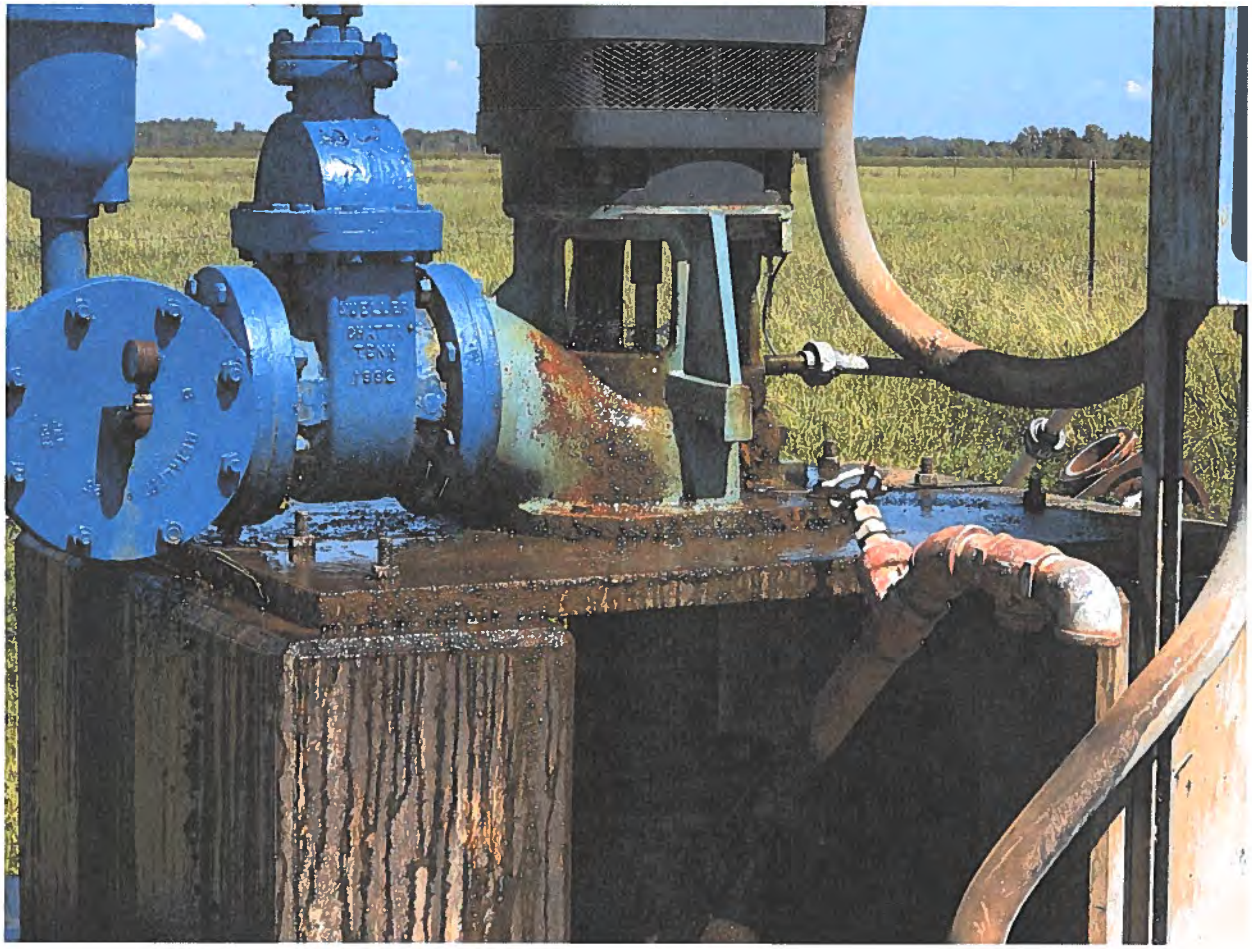


Attachment #1

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: It is recommended that a cage or wire mesh is added around the outside of the shaft beneath the well motor in order to reduce the potential for serious injury. LAC 51:XII.157 states that consideration must be given to the safety of water plant personnel and visitors.

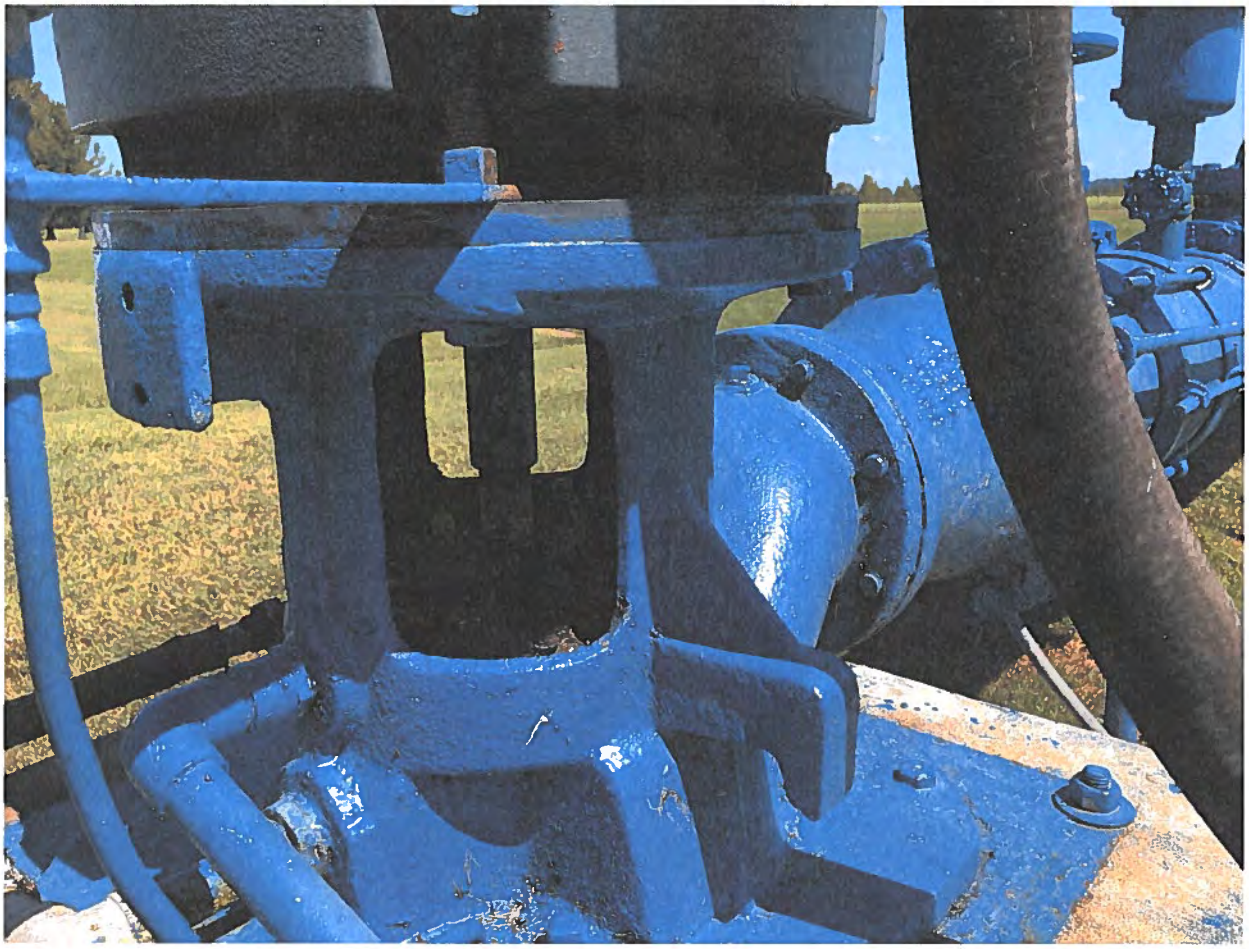


Attachment #2

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: It is recommended that a cage or wire mesh is added around the outside of the shaft beneath the well motor in order to reduce the potential for serious injury. LAC 51:XII.157 states that consideration must be given to the safety of water plant personnel and visitors.

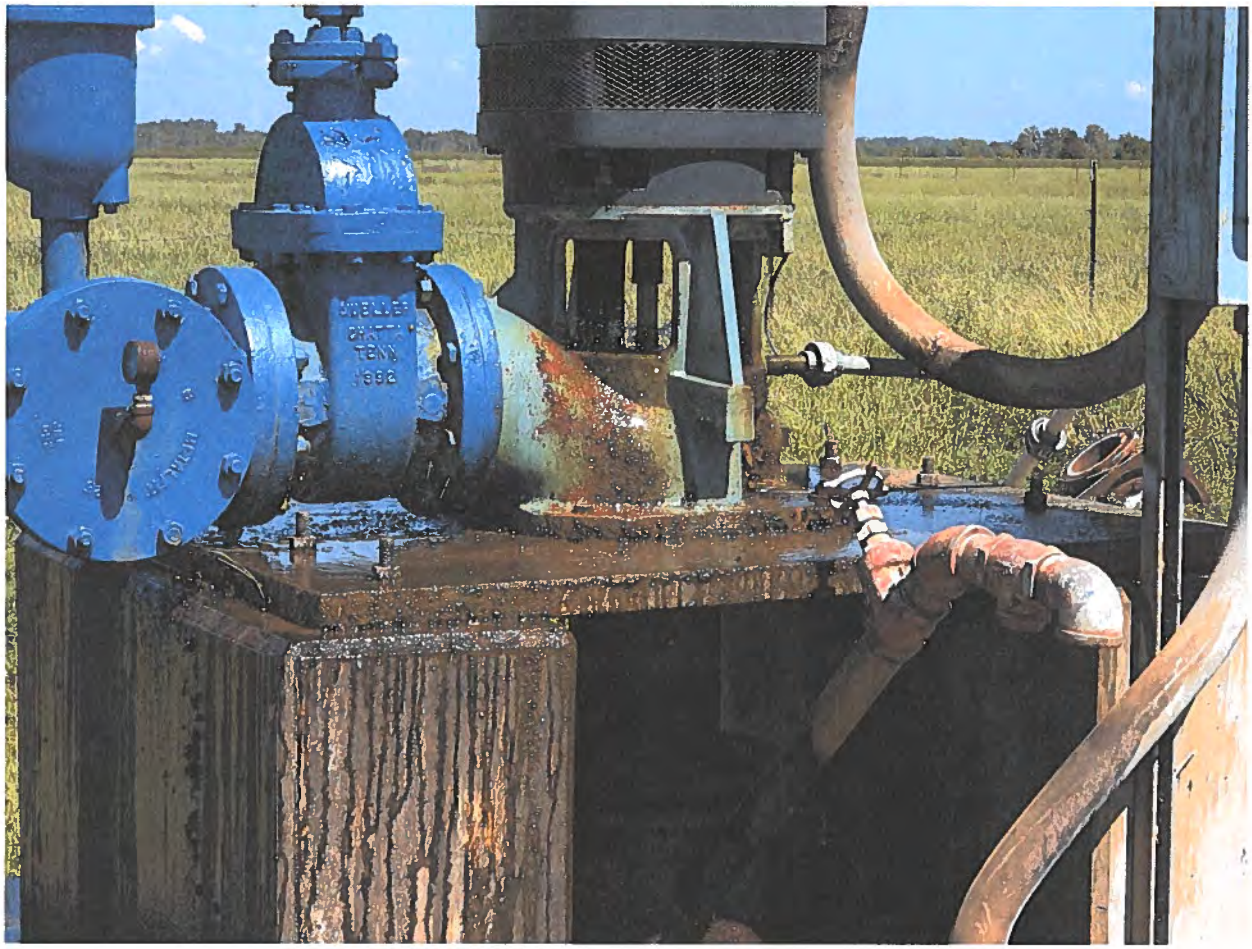


Attachment #3

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: It is recommended that a cage or wire mesh is added around the outside of the shaft beneath the well motor in order to reduce the potential for serious injury. LAC 51:XII.157 states that consideration must be given to the safety of water plant personnel and visitors.



Attachment #4

Severity: Minor

Facility ID: LA STATE PENT WELL NO 2 IN PASTURE (#3)

Category: Source

Attachment Comments: At the time of the survey, the packing for Well 002 was leaking excessively. The packing should be tightened or replaced so that only the water necessary for lubrication of the spindle is allowed to drip.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health
CERTIFIED MAIL: 7018 1830 0001 0580 8431

May 24, 2019

Julius Metz
WEST FELICIANA CONSOL WWKS DISTRICT 13
P.O. Box 1921
St. Francisville, LA 70775

Re: Class I Sanitary Survey
WEST FELICIANA CONSOL WWKS DISTRICT 13 Public Water System
PWS ID LA1125010
WEST FELICIANA Parish

Dear Mr. Metz:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 16, 2019 sanitary survey inspection of the public water supply system for WEST FELICIANA CONSOL WWKS DISTRICT 13 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Clark Broussard	LDH/OPH Region II Engineering
Julius Metz	West Feliciana Consolidated Waterworks District #13

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	In the course of the survey two of the on site generators were not able to be turned on. As called for in LAC51:XII.135.A , dedicated standby power shall be provided by any community water supply and any non-community water supply serving a hospital so that water may be treated and/or pumped to the distribution system during outages to meet the average daily demand during the month of maximum water use. To ensure continuous service when the primary power has been interrupted, a standby power supply shall be provided through connection to at least two independent public power sources, or portable or in-place auxiliary power.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	LAC 105:XII.105.A - No public water supply shall be constructed, operated or modified to the extent that the capacity, hydraulic conditions, functioning of treatment processes, or the quality of finished water is affected, without, and except in accordance with, a permit from the state health officer. The results of water quality testing, performed on-site by LDH at the time of the survey, are as follows: <u>Audubon Lane POE:</u> Free Chlorine: <0.04mg/L Total Chlorine: 1.36mg/L Monochloramine: 1.37mg/L Free Ammonia: <0.04 mg/L

		MRT: Free Chlorine: <0.04 mg/L Total Chlorine: 0.73 mg/L Monochloramine: 0.74mg/L Free Ammonia: 0.12 mg/L West Feliciana Consolidated Waterworks District 13 is permitted as a free chlorine system. To operate as a free chlorine system, West Feliciana Consolidated Waterworks District 13 must ensure that sufficient free chlorine is added to groundwater to carry adequate free chlorine residual throughout the distribution system. Naturally occurring free ammonia, where present in groundwater and not fully destroyed by breakpoint chlorination, combines with free chlorine to form chloramines (measured as total chlorine). Systems that use chloramine for disinfection need to be permitted as Total Chlorine. Based on the above results West Feliciana Consolidated Waterworks District #13's groundwater contains naturally occurring ammonia and breakpoint chlorination is not being achieved, therefore, the system is operating as an unpermitted total chlorine (chloramine) system. The system may either: 1) Remain a free chlorine system and submit a Monitoring and Control Plan (MCP) to ensure proper treatment. The MCP shall characterize the chlorine demand of the source water(s) and the amount of free chlorine required to achieve proper treatment 2) Become a monochloramine system by using and/or adding ammonia. The system shall submit a MCP which requires the same as above, the chlorine demand of the source water, and the amount of chlorine required to achieve proper treatment. In

		addition, a permit will be required for the conversion. The permit will require a chloramine test to identify the type of chloramines created in the system, a Nitrification Control Plan, dose calculations, and a public notice. Submit to this office a Monitoring and Control Plan (MCP) for either free or total chlorine. Upon LDH review and approval implement said plan. If a change from free chlorine to total chlorine (chloramine) is desired, the MCP must have a timeline for submitting a permit for this change in disinfection chemical.
FACILITY	CATEGORY	FINDINGS
1125010-004 - WEYANOKE WELL	Source	During the inspection of the Wyanoke well it was noted that the screen on the air release valve was perforated. There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping, as called for in LAC 51.XII.319.D.7. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
1125010-005 - AUDUBON LANE WELL 001	Source	During the survey, it was noted that the air relief valve for the Audubon Lane well was leaking. As called for in LAC 51.XII.319.D.7 there shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1125010-001 - ELM PARK WELL	Source	It was discovered during the survey that the proper procedure for well abandonment had not been followed

		for the Elm Park Well. Please locate and turn in the appropriate paperwork to the Louisiana Department of Natural Resources in accordance with LAC 51:XII.311.A. **See Attachment #5**

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL004 - ELM PARK	Finished Water Storage	It was noted during the survey that the screen for the overflow of the Elm Park elevated storage tank had been damaged. LAC 51.XII.225.I.2.c requires that the overflow for an elevated tank shall open downward and be screened with a four mesh, non-corrodible screen. The screen shall be installed within the overflow pipe at a location least susceptible to damage by vandalism. If a flapper is used, a screen shall be provided inside the valve. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1125010-005 - AUDUBON LANE WELL 001	Source	During the site visit, it was noted that the soil around the well slab had begun to show signs of erosion. In order to protect the well and appurtenances from physical damage as called for in LAC 51.XII.169.E.8.d the soil that has been washed away should be replaced. **See Attachment #2**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
Management	Other	It is recommended that West Feliciana Consolidated Waterworks District 13 develop and implement a written unidirectional flushing program for both the distribution system and storage tanks. A well written unidirectional flushing program reduces stagnant water, and effectively removes sediment build-up.
FACILITY	CATEGORY	FINDINGS
Management	Security	It is recommended that all fences surrounding water facilities be cleared of brush and low branches in order to maintain the integrity of the fence.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	It is recommended that all exposed spindles beneath turbine style pump motors at both Laurel Hill locations be enclosed with a metal mesh or cage to increase saftey for operators and visitors to well sites.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Clark Broussard,
P. O. Box 4489, Bin #10, Bienville Bldg
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

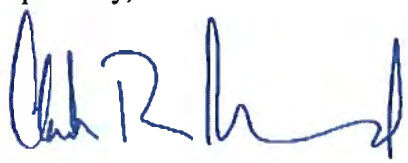
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 225-342-7301.

Respectfully,



Clark Broussard,
Region II Engineer

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



Attachment #1

Severity: Significant

Facility ID: AUDUBON LANE WELL 001

Category: Source

Attachment Comments: During the survey it was noted that the air relief valve for the Audubon Lane well was leaking. As called for in LAC 51.XII.319.D.7 there shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping.



Attachment #2

Severity: Minor

Facility ID: AUDUBON LANE WELL 001

Category: Source

Attachment Comments: During the site visit it was noted that the soil around the well slab had begun to show signs of erosion. In order to protect the well and appurtenances from physical damage as called for in LAC 51.XII.169.E.8.d the soil that has been washed away should be replaced.



Attachment #3

Severity: Minor

Facility ID: ELM PARK

Category: Finished Water Storage

Attachment Comments: It was noted during the survey that the screen for the overflow of the Elm Park elevated storage tank had been damaged. LAC 51.XII.225.I.2.c requires that the overflow for an elevated tank shall open downward and be screened with a four mesh, non-corrodible screen. The screen shall be installed within the overflow pipe at a location least susceptible to damage by vandalism. If a flapper is used, a screen shall be provided inside the valve.



Attachment #4

Severity: Significant

Facility ID: WEYANOKE WELL

Category: Source

Attachment Comments: During the inspection of the Wyanoke well it was noted that the screen on the air release valve was perforated. There shall be no pathway for contamination into the well casing and/or discharge piping. The well site grading, the well slab and all well appurtenances including casing, sanitary seal, vent, and drawdown tube shall be maintained to prevent the introduction of contamination into the well casing and discharge piping, as called for in LAC 51.XII.319.D.7.



Attachment #5

Severity: Significant

Facility ID: ELM PARK WELL

Category: Source

Attachment Comments: It was discovered during the survey that the proper procedure for well abandonment had not been followed for the Elm Park Well. Please locate and turn in the appropriate paperwork to the Louisiana Department of Natural Resources in accordance with LAC 51:XII.311.A.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7018 1830 0001 0580 7601

April 26, 2019

Julius Metz
TUNICA WATER SYSTEM
P.O. Box 1921
St. Francisville, LA 70775

Re: Class I Sanitary Survey
TUNICA WATER SYSTEM Public Water System
PWS ID LA1125011
WEST FELICIANA Parish

Dear Mr. Metz:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 11, 2019 sanitary survey inspection of the public water supply system for TUNICA WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Brian Suberbielle	LDH/OPH Engineering
Julius Metz	West Feliciana Waterworks District #2

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	The overflow splash pad at the Elevated Storage Tower is not adequate. At the time of the inspection, the soil surrounding the overflow splash pad had been badly eroded. The eroded area around the splash pad must be corrected and measures must be taken to prevent erosion from occurring in the future. LAC 51:XII.225.I.1 - All water storage structures shall be provided with an overflow which is brought down to an elevation between 12 and 24 inches above the ground surface, and discharges over a drainage inlet structure or a splash plate. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1125011-001 - TUNICA WATER SYSTEM WELL #1	Source	During the survey, Well # 1 did not have a working pressure gauge. The discharge piping on each well shall be equipped with a pressure gauge. Fix or replace the pressure gauge at Well # 1. LAC 51:XII.169.H.3.a.iv. The discharge piping shall be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, and a means of measuring flow. **See Attachment #2**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Capitol Region II
Attn: Brian Suberbielle,
P. O. Box 4489, Bin #10, Bienville Bldg.
Baton Rouge, Louisiana 70821-4489

The following compliance history is provided for your information.

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at (225) 342-7511.

Respectfully,

Brian Suberbielle

Brian Suberbielle,

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments



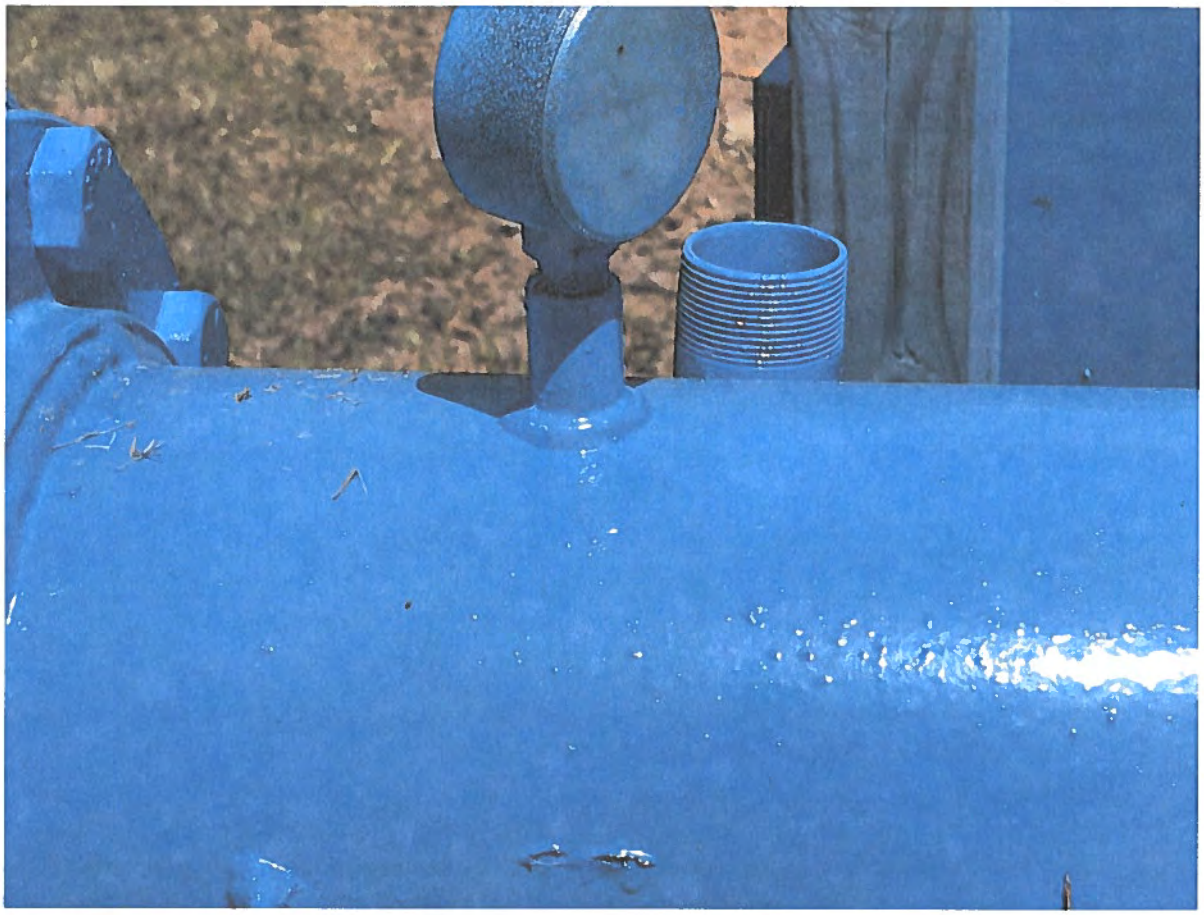
Attachment #1

Severity: Minor

Facility ID: ELEVATED

Category: Finished Water Storage

Attachment Comments: The overflow splash pad at the Elevated Storage Tower is not adequate. At the time of the inspection, the soil surrounding the overflow splash pad had been badly eroded. The eroded area around the splash pad must be corrected and measures must be taken to prevent erosion from occurring in the future.



Attachment #2

Severity: Minor

Facility ID: TUNICA WATER SYSTEM WELL #1

Category: Source

Attachment Comments: During the survey, Well # 1 did not have a working pressure gauge. The discharge piping on each well shall be equipped with a pressure gauge. Fix or replace the pressure gauge at Well # 1.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 2710 0000 4927 5685

January 29, 2019

W C McCarty
Atlanta Water Supply
P.O. Box 965
Winnfield, LA 71483

Re: Class I Sanitary Survey
Atlanta Water Supply
PWS ID LA1127001
Winn Parish

Dear Mr. McCarty:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 16, 2019 sanitary survey inspection of the public water supply system for ATLANTA WATER SUPPLY. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Rachael Bruce	LDH OPH Region 6 Engineering Services
W C McCarty	Atlanta Water System
James Monroe	LDH OPH Region 6 Engineering Services

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	No formal cross connection control plan was available. The water system must create and implement a cross connection control plan. Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Chlorine residuals must be monitored daily at the water production (POE) site. A critical point (MRT), the location in the water system furthest from treatment, must be monitored daily. An additional chlorine residual check must be made monthly at the ACR site. These points were established for the water system during the submittal of the Monitoring Plan on the Monitoring Portal website. A free chlorine residual of 0.5 mg/L is required at all times and at all locations tested. Please start measuring and recording the residuals at the locations described using a digital chlorine analyzer. Residuals must also be recorded on signed and dated "LDH Approved Chlorine Residual Forms", which can be found at: http://new.dhh.louisiana.gov/index.cfm/page/1725 . The water system will begin recording the daily chlorine residuals on the approved LDH Chlorine Residual Forms.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The water system did not have the validation standards to properly validate the bench top colorimeter. A low and high range set of standards should be obtained.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The sample tap provided is not a suitable tap. The water system must provide a suitable sample tap. **See Attachment #3**

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE TANK	Finished Water Storage	From review the finished water storage facilities (elevated towers and ground storage tanks) should be inspected. Finished water storage facilities are generally maintenanced and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages' interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities could benefit from an inspection.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE TANK	Finished Water Storage	The overflow pipe is not facing downward, and the twenty-four mesh screen is installed outside of the pipe and is susceptible to damage by vandalism. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1127001-001 - WELL #1 - NEAR GROUND STORAGE TANK	Source	The well's pressure gauge is broken. The well's discharge piping must be equipped with a working pressure gauge.
FACILITY	CATEGORY	FINDINGS
1127001-002 - WELL #2 - NEAR SHED	Source	The well's pressure gauge is broken. The well's discharge piping must be equipped with a working pressure gauge.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	Treatment full and empty cylinders of chlorine gas are not restrained individually. The water system should restrain the chlorine cylinders individually to prevent upset. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
GR001- GROUND STORAGE TANK	Finished Water Storage	The vegetation needs to be trimmed around the fence line especially over the electrical line. **See Attachment #4**

In accordance with the provisions found in LA ACT No. 292, PWS shall maintain a record of each complaint it receives by telephone, letter, or electronic mail from customers or users. The record of each complaint shall include the date the complaint was received, the service connection to which the complaint relates, the name of the customer or user making the complaint and associated contact information, and a brief description of the complaint. The log containing the record shall also include documentation of corrective actions that PWS has implemented with respect to the matters detailed in the complaint. PWS shall retain the complaint records for at least five years, and shall make the records available to the Louisiana Department of Health upon request and without charge. Within 60 days of receipt of this survey develop and implement a complaint log.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: Rachael Bruce,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
01/04/2019	0.078 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
01/04/2019	0.099 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
01/04/2019	0.106 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
01/04/2019	0.144 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
09/28/2018	88 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
09/28/2018	71 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
09/28/2018	106 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
09/28/2018	138 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
06/25/2018	68 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2018 - 06/30/2018
06/25/2018	78 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2018 - 06/30/2018
06/25/2018	105 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
03/26/2018	89 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2018 - 03/31/2018
03/26/2018	82 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2018 - 03/31/2018
03/26/2018	112 UG/L	80 UG/L	TTHM	01/01/2018 - 03/31/2018
03/26/2018	89 UG/L	80 UG/L	TTHM	01/01/2018 - 03/31/2018
01/26/2018	88 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2017 - 12/31/2017
01/26/2018	93 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2017 - 12/31/2017
01/26/2018	119 UG/L	80 UG/L	TTHM	10/01/2017 - 12/31/2017
01/26/2018	94 UG/L	80 UG/L	TTHM	10/01/2017 - 12/31/2017

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
1039	02/16/2018	FAILURE SUBMIT OEL REPORT FOR TTHM	
1041	02/16/2018	FAILURE SUBMIT OEL REPORT FOR HAA5	
1042	02/16/2018	FAILURE SUBMIT OEL REPORT FOR TTHM	
1040	02/16/2018	FAILURE SUBMIT OEL REPORT FOR HAA5	

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-487-5282 ext.250 .

Respectfully,

Rachael Bruce,
Sanitarian 4

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

Attachments

State of Louisiana

Department of Health

Office of Public Health



Attachment #1

Severity: Recommendations

Facility ID: TREATMENT PLANT

Category: Treatment

Attachment Comments: Chlorine cylinders chained together



Attachment #2

Severity: Minor

Facility ID: GROUND STORAGE TANK

Category: Finished Water Storage

Attachment Comments: Overflow pipe from GST



Attachment #3

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: TCR-002 Sample Tap



Attachment #4

Severity: Recommendations

Facility ID: GROUND STORAGE TANK

Category: Finished Storage

Attachment Comments: Fence Line at Wells and Ground Storage Tank

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL:

April 16, 2019

Alex Williams
JOYCE WATER SUPPLY
201 Holiday Boulevard, Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
JOYCE WATER SUPPLY Public Water System
PWS ID LA1127008
WINN Parish

Dear Mr. Williams:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 2, 2019 sanitary survey inspection of the public water supply system for JOYCE WATER SUPPLY (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
James Monroe	LDH OPH Engineering Services
Rachael Bruce	LDH Region 6
William P Mckenney	Utilities Inc.
Carol Petranek	Utilities Inc. Of Louisiana

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/05/2012	07/05/2012	Formal Enforcement	Minor	Source	1127008-001-WELL 1
Comments: A second well or a connection to a neighboring water system is required. Sanitary Survey - Dowty 12-22-2014, 'The Joyce Water System has only one source of water. A second well is to be installed or a connection with another approved public water system is required.', kg					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND TANK	Finished Water Storage	Overflow is not facing downward and not more than 2 feet aboveground. System shall make necessary changes to overflow to meet LA Code. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1127008-001 - WELL 1	Source	Only one (1) well is currently active for the public water system. At least two sources of groundwater are not provided. At least two sources of groundwater must be provided. The total developed groundwater source capacity, unless otherwise specified by the reviewing authority, shall equal or exceed the design maximum day demand with the largest producing well out of service. A back-up or emergency connection to another approved public water supply may suffice as a second source of water provided that source can meet demand. All sources of water must be approved by the LDH.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of the inspection, the system had several days over the past 3 years in which no Chlorine residual was recorded. System shall measure Chlorine residuals daily per the LAC 51:XII.367 and record the data on the appropriate forms.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND TANK	Finished Water Storage	The overflow for the ground storage tank does not discharge over a splash plate or drainage inlet structure. The discharge must discharge over a splash plate or drainage inlet structure to prevent erosion around the foundation of the ground storage tank that could comprise the structural integrity of the GST.

FACILITY	CATEGORY	FINDINGS
TP001 - DISINFECTION WELL 1	Treatment	There is no secondary containment provided for the liquid chemical being used for water treatment. Secondary containment prevents spillage or accidental drainage of chemicals due to equipment and primary containment failure. A receiving basin capable of receiving accidental spill or overflows without uncontrolled discharges is needed.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: James Monroe,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
03/26/2019	0.097 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
03/26/2019	0.092 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
12/10/2018	0.102 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
12/10/2018	0.103 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
09/14/2018	62 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
09/14/2018	148 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
09/14/2018	153 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
06/11/2018	67 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2018 - 06/30/2018
06/11/2018	70 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2018 - 06/30/2018
06/11/2018	177 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
06/11/2018	180 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-484-2163.

Respectfully,

James Monroe,
Engineer Manager

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Significant

Facility ID: GROUND TANK

Category: Finished Water Storage

Attachment Comments: Overflow not more than 2 feet above ground

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 2710 0000 4927 5227

June 28, 2019

Sal Misuraca
WEST WINN WATER SYSTEM INC
153 Collins Camp Road
Winnfield, LA 71483

Re: Class I Sanitary Survey
WEST WINN WATER SYSTEM INC
PWS ID LA1127011
WINN Parish

Dear Mr. Misuraca:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 22, 2019 sanitary survey inspection of the public water supply system for WEST WINN WATER SYSTEM INC (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
William Charlot	LDH-OPH Engineering Services
Rachael Bruce	LDH-OPH Region 6
Brad Desadier	West Winn Water System Inc

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Cross-Connection Control Plan: There is an ordinance in place for the Town of Montgomery, passed in 2015, but there is no customer list with backflow devices being managed by the water system. A customer listing should be compiled showing customers and applicable devices. All commercial customers should be assessed for proper backflow prevention devices. The water system should have a procedure for addressing existing customers that do not currently have the required protection device. Please feel free to call this office to discuss the required protection for any customer on the water system.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Colorimeters: Validation shall be determined at a frequency of no less than once every 90 days by use of a NIST traceable standard solution which has been obtained from an approved source (e.g., certificate of analysis by manufacturer). Deviations of 10 percent or more shall be cause for calibration of the equipment.
FACILITY	CATEGORY	FINDINGS
HD002 - HD TANK @ WELL 3	Finished Water Storage	The HD Tanks should have regular inspections to ensure proper performance of the hydropneumatic tank.
FACILITY	CATEGORY	FINDINGS
HD004 - HD TANK @ WELL 5	Finished Water Storage	The HD Tanks should have regular inspections to ensure proper performance of the hydropneumatic tank.
FACILITY	CATEGORY	FINDINGS
TP001 - TP @ WELL 3	Treatment	Collins Camp fan in the Chlorine storage was inoperable, fan needs repair / replacement.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Adequate Flushing should be done on dead ends, and a flushing schedule should be developed, on both an as needed and regular basis, to ensure that water quality is maintained within the distribution system.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: William Charlot,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
6003635	11/05/2018	LEAD & COPPER RULE	01/01/2016 - 12/31/2018

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
09/21/2018	81 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at:

Respectfully,

William Charlot

William Charlot
Engineer Intern II Region 6
LDH-OPH Engineering Services
William.Charlot@la.gov
O: (318)487-5282
D: (318)484-2388
F: (318)487-5338

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

Attachments

State of Louisiana

Department of Health

Office of Public Health



Attachment #1

Severity: None

Facility ID: TP @ WELL 5 AND 6

Category: Treatment

Attachment Comments: Treatment Plant Wells 5 and 6: Unknown 55gal barrel of fluid needs to be removed from the site.



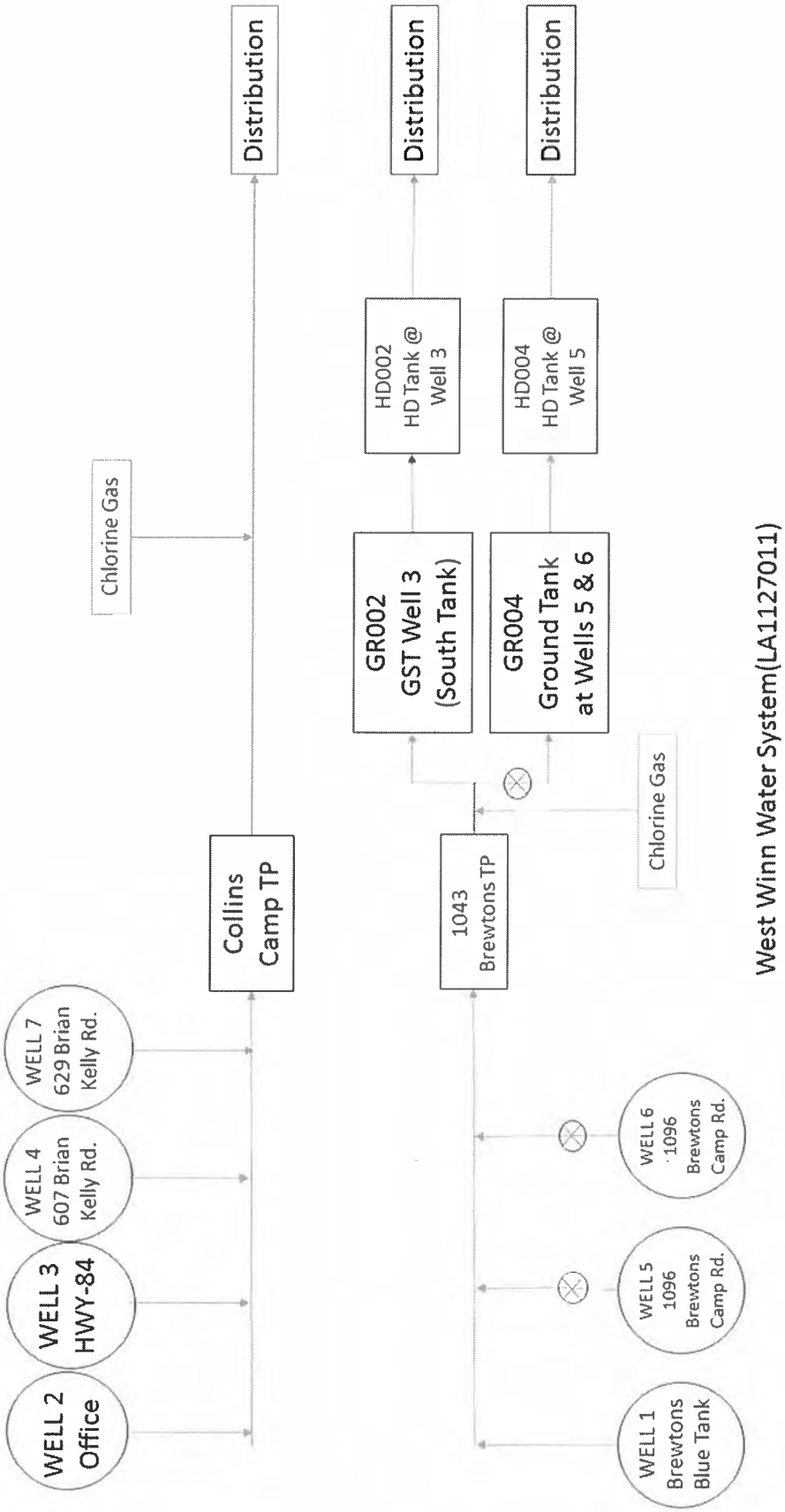
Attachment #2

Severity: Minor

Facility ID: HD TANK @ ST MAURICE BOOSTER STATION

Category: Finished Water Storage

Attachment Comments: The HD Tanks should have regular inspections to ensure proper performance of the hydropneumatic tank.



West Winn Water System(LA1127011)
Flow Diagram

Ann

7.1 Financial Question Set

01/31/2017

PWS Name:	West Winn Water System, Inc		
PWS ID:	LA 1127011	Date:	5-20-19

1. Are individual customers charged for water usage either through a metered or flat rate?

   Yes .. Metered

2. Has the system raised water rates in the past five years?

   Yes - 2018

3. Is the water system's income sufficient to cover all operating costs?

   Yes

4. Does the water system have an annual operating budget?

   Yes

5. Is there a reserve fund to draw upon for emergencies and major equipment replacement in regard to the water system?

   We use The O&M Acct. But I do have discussed Another Acct. for these Purposes

6. Does the water system have an annual capital improvements budget?

   Not necessarily A budget ... But we do have improvements Line up for The near future -

7. Is there a separate set of accounting records which record the financial activities of the water system (revenues collected, expenses paid, assets and liabilities)?

   Yes

8. Does the system routinely track water loss?

   Yes

9. Does the system know the quantities of water produced and sold on a daily basis?

   Yes

Use additional sheets and/or documentation as necessary. Within 60 days of the survey's completion, FAX or email the completed form along with any supporting documentation to the DWRLF.

USDA

United States Department of Agriculture

January 31, 2018

West Winn Water System, Inc.
153 Collins Camp Road
Winnfield, LA 71483

Thank you for the opportunity to review your request for a rate increase based on your projected budget for next fiscal year as well as past two years historical numbers.

Based on the information and rate study you provided, USDA Rural Development concurs with your request to increase to the following rates:

Residential—West Winn:
$21.00 base rate which includes the first 2,000 gallons per month
and $5.00 per 1,000 gallons thereafter.

Residential—St. Maurice:
$22.00 base rate which includes the first 2,000 gallons per month
and $6.00 per 1,000 gallons thereafter.

Commercial—West Winn:
$43.00 base rate which includes the first 5,000 gallons per month
and $5.00 per 1,000 gallons thereafter.

Commercial—St. Maurice:
$53.00 base rate which includes the first 2,000 gallons per month
and $6.00 per 1,000 gallons thereafter.

You are reminded that a minimum 30-day notice shall be given to your users prior to the implementation of this rate increase.

Additionally, it is the organization's governing board's responsibility to set rates at a level adequate to cover all obligations. The board should continually review expenditures, reducing expenses as much as possible. As additional rate increases become necessary requests for concurrence should be submitted to this office.

If you have any questions you may contact our office at 318-352-7100 extension 6.

Sincerely,

TONY MATLOCK Digitally signed by TONY MATLOCK Date: 2018.01.31 15:03:30 -06'00'

TONY MATLOCK
Area Director

Rural Development • Natchitoches Area Office
USDA Service Center
6949 Louisiana Hwy 1 Bypass, Suite 103
Natchitoches, Louisiana 71457
Voice 318.352.7100
Fax 844-325-6963

USDA is an equal opportunity provider, employer, and lender.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: (7016 2710 0000 4927 6071)

March 19, 2019

George Moss
CITY of WINNFIELD WATER SYSTEM
PO Box 509
Winnfield, LA 71483

Re: Class I Sanitary Survey
CITY of WINNFIELD WATER SYSTEM Public Water System
PWS ID LA1127012
WINN Parish

Dear Mr. Moss:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 4, 2019 sanitary survey inspection of the public water supply system for CITY of WINNFIELD WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
James Monroe	LDH OPH Engineering Services
William Charlot	LDH OPH Engineering Services
Edward Johnson	City Of Winnfield
Edwin Jones	City Of Winnfield Water

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/24/2016	07/27/2016	Sanitary Survey, Finished	Significant	Other	Management
Comments: The ground storage tank at the plant has a couple of small leaks on the tank surface and one leak at the chlorine injection point. The tank shall be inspected and repaired so as to prevent leakage of water and protect the structural integrity of the storage tank.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	For the Hydro pneumatic System on Hwy 84, both surge tanks and hydro pneumatic tank, there was no documentation that the tank had been inspected since it had been installed nor the Safety Valves on the system had been inspected per ASME Code. System needs to have components inspected per applicable code.
FACILITY	CATEGORY	FINDINGS
Management	Security	At the time of the inspection, both elevated storage tanks had gaps between the fence and the ground due to erosion. The fence around the treatment plant and GST also had gaps between the fence and the ground due to erosion. The water system needs to address this issue. **See Attachment #2 and #3**
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	At the time of the inspection, only one well had emergency power, the pumps at the Hydro pneumatic station also did not have emergency power. To ensure continuous service when the primary power has been interrupted, a standby power supply shall be provided through connection to at least two independent public power sources, or portable or in-place auxiliary power.
FACILITY	CATEGORY	FINDINGS
GR004 - GST @ PRISON BOOSTER STATION	Finished Water Storage	Storage Tank overflow not open downward. There was no 24-mesh screen on overflow discharge. Overflow Discharge shall open downward and be screened with twenty-four mesh non-corrodible screen.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The water system did not have the validation standards to properly validate the bench top colorimeter. A low and high range set of standards should be obtained
FACILITY	CATEGORY	FINDINGS
HD002 - SURGE PROTECTION TANK	Pump/pumping facility and control	From review the finished water storage facilities (Surge tank) should be inspected. There was no record of the tanks inspection history. Finished water storage facilities are generally maintenance and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages' interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities could benefit from an inspection.
FACILITY	CATEGORY	FINDINGS
GR003 - GST @ PLANT	Finished Water Storage	At the time of the inspection, the tank was leaking on the sides. The Operator reported that the tank is scheduled to be replaced. Please notify this office when the replacement project is complete.
FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC @ PRISON BOOSTER STATION	Finished Water Storage	From review the finished water storage facilities (hydro pneumatic tank) should be inspected. There was no record of the tanks inspection history. Finished water storage facilities are generally maintenance and inspected on a routine basis. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the finished water storages' interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities could benefit from an inspection.
FACILITY	CATEGORY	FINDINGS
1127012-007 - WELL 13 - 706 N. GROVE	Source	At the time of inspection, the Vent was leaking water. Water system needs to determine cause of leak and repair. Also the 24 mesh screen was damaged. Water system needs to repair/replace screen.
FACILITY	CATEGORY	FINDINGS
1127012-005 - WELL 11 - 888 N. GROVE	Source	Piping around valves lacking insulation. Water system needs to repair insulation around valve.
FACILITY	CATEGORY	FINDINGS
1127012-007 - WELL 13 - 706 N. GROVE	Source	Piping around valves lacking insulation. Water system needs to repair insulation around valve. **See Attachment #1**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to

correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

No observations were recorded in this category.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: James Monroe,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
6007239	02/14/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
6007237	05/23/2018	FAILURE ADDRESS DEFICIENCY (GWR)	

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-484-2163.

Respectfully,

James Monroe,
Engineer Manager

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Minor

Facility ID: WELL 13 - 706 N. GROVE

Category: Source

Attachment Comments: Well piping lacking insulation and cracked valve



Attachment #2

Severity: Significant

Category: Security

Attachment Comments: Gap at bottom of fence.



Attachment #3

Severity: Significant

Category: Security

Attachment Comments: Gap at bottom of fence at treatment plant.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 2710 0000 4927 6408

September 17, 2019

Terry Rhodes
Hudson Gaars Mill Water System
6732 Hwy 126
Dodson, LA 71422

Re: Class I Sanitary Survey
Hudson Gaars Mill Water System
PWS ID LA1127015
Winn Parish

Dear Mr. Rhodes:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 10, 2019 sanitary survey inspection of the public water supply system for Hudson Gaars Mill Water System. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
James Monroe	LDH OPH Engineering Services
Linda Bustin	Hudson Gaars Mill Water System
Gregory Brian Owens	G & O Service Company
Terry Rhodes	Hudson Gaars Mill Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/19/2013	12/17/2013	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: At the time of inspection, the water system did not have a formal cross connection control program. The water system is to develop and implement a formal cross connection control program to ensure that the water system is protected from potential contamination.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	No formal cross connection control plan was available. The water system must create and implement a cross connection control plan. Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring compliance with the containment practices and maintenance/field testing requirements. In implementing ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, it was noted that the system did not have the equipment necessary to validate their colorimeter. Colorimeters should be validated periodically according to the manufacturer's recommendations to ensure the accuracy of the readings. Please acquire a color standards kit for low and high range readings (or similar validation tool) and validate the colorimeter according to the manufacturer's recommended procedure and frequency. The validation date, time, colorimeter model/SN, and corrective actions taken when deviations of +/- 10 percent or more occur should be documented as well. Please notify this office when a proper validation tool is acquired.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Bacteriological test and chemical test results reports from the laboratory shall be kept on file and retained for not less than ten (10) years. During the sanitary survey, the test results were not available for review. All such records shall be made available for review during inspections and sanitary surveys of the public water system performed by LDH.

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The water system is recording routine chlorine residuals for the POE and ACR site locations on unapproved (i.e. outdated) Chlorine Residual Forms. Additionally, some forms were missing site location information (i.e. address and point of collection ID). Routine chlorine residuals and the corresponding site location information must be recorded on signed and dated "LDH Approved Chlorine Residual Forms". Updated forms can be found at: http://new.dhh.louisiana.gov/index.cfm/page/1725. The system shall provide copies of the previous months Chlorine Residual Reports to the Region 6 Engineering Office by the 10 of each month for the next 6 months or as long as the Regional Engineer deems necessary.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	1. At the time of the inspection, the MRT sample tap was broken. System shall repair tap, pull Bacteriological samples to ensure compliance and inform LDH when repair is complete. 2. System shall also Update MPP and work with LDH to ensure Sample Taps are in Appropriate locations. See Attachment #1 **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the survey, the system did not have a flushing plan available. A Flushing plan is instrumental in keeping water compliant throughout the system. The system shall create a flushing plan and provide a copy to LDH.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
PF001 - PUMPS @ GST	Pump/pumping facility and control	Pressure gauges on system shall be operational. System shall replace malfunctioning pressure gauges. **See Attachment #2 and #1**

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND AT BOOSTER STATION	Finished Water Storage	Ladder on GST is unable to be secured/locked when not in use. All ladders should be secured to prevent unauthorized use.
FACILITY	CATEGORY	FINDINGS
TP002 - CHLORINATION AT BOOSTER STATION	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: James Monroe,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
07/08/2019	0.142 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2019 - 06/30/2019
07/08/2019	0.163 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2019 - 06/30/2019
07/08/2019	0.264 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019

07/08/2019	0.282 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
04/17/2019	0.179 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
04/17/2019	0.127 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
04/17/2019	0.214 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
04/17/2019	0.228 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
01/29/2019	122 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
01/29/2019	191 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
01/29/2019	148 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
01/29/2019	179 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
10/25/2018	112 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
10/25/2018	123 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
10/25/2018	219 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
10/25/2018	171 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018

Other Violations during the past year

No other violations were reported in the past year.

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-484-2163.

Respectfully,

James Monroe,
Engineer Manager

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Recommendations

Facility ID: PUMPS @ GST

Category: Pump/pumping facility and control

Attachment Comments: Malfunctioning Gauge



Attachment #2

Severity: Recommendations

Facility ID: PUMPS @ GST

Category: Pump/pumping facility and control

Attachment Comments: Malfunctioning Gauge



Attachment #3

Severity: Minor

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Broken MRT Tap

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 2710 0000 4927 6254

September 4, 2019

Hubert Garner
BACKWOOD VILLAGE WATER SYSTEM
15564 Hwy 126
Saline, LA 71070

Re: Class I Sanitary Survey
BACKWOOD VILLAGE WATER SYSTEM Public Water System
PWS ID LA1127022
WINN Parish

Dear Mr. Garner:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 22, 2019 sanitary survey inspection of the public water supply system for BACKWOOD VILLAGE WATER SYSTEM (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
James Monroe	LDH OPH Engineering Services
William Charlot	LDH OPH Engineering Services
John Culpepper,Jr	Backwood Village Water System
Hubert Garner	Backwood Village Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	At the time of the survey, the security fence around the wells, chlorination bldg. and elevated tank was over grown with trees and shrubs. This will potentially allow access to the secure area. System shall remove trees and shrubs from fence line. Provide pictures once complete. **See Attachment #2 and #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of the survey, the operator did not have the standards for Validating the Colorimeter. System shall validate the accuracy of the colorimeter as frequently as manufacturer recommends or once every 90 days, whichever is less, and maintain a record of this for as long as LAC 51 part 12 requires. System shall provide photo graphic evidence that it has obtained the necessary standard for the colorimeter.
FACILITY	CATEGORY	FINDINGS
1127022-001 - WELL 1	Source	The well discharge piping is not equipped with a flow measuring device. A means for measuring flow must be provided. Install a device used to measure flow from the well downstream of the raw water tap on the well discharge piping. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1127022-002 - WELL 2 FARTHEST FROM SHED	Source	The well discharge piping is not equipped with a flow measuring device. A means for measuring flow must be provided. Install a device used to measure flow from the well downstream of the raw water tap on the well discharge piping. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
1127022-001 - WELL 1	Source	The well discharge piping is showing signs of rust, corrosion and flaking paint. The well discharge piping must be cleaned, treated and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.
FACILITY	CATEGORY	FINDINGS
1127022-002 - WELL 2 FARTHEST FROM SHED	Source	The well discharge piping is showing signs of rust, corrosion and flaking paint. The well discharge piping must be cleaned, treated and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP001 - DISINFECTION	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: James Monroe,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
07/11/2019	0.267 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
07/11/2019	0.138 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
04/17/2019	0.063 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
04/17/2019	0.135 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
04/17/2019	0.229 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
01/04/2019	0.065 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
01/04/2019	0.138 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
01/04/2019	0.212 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
10/15/2018	62 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
10/15/2018	131 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
10/15/2018	193 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
2061545	03/06/2019	LEAD CONSUMER NOTICE (LCR)	01/01/2016 - 12/31/2018

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-484-2163.

Respectfully,

James Monroe,
Region VI Engineer Manager

cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Significant

Category: Security

Attachment Comments: Trees and Shrubs in fence

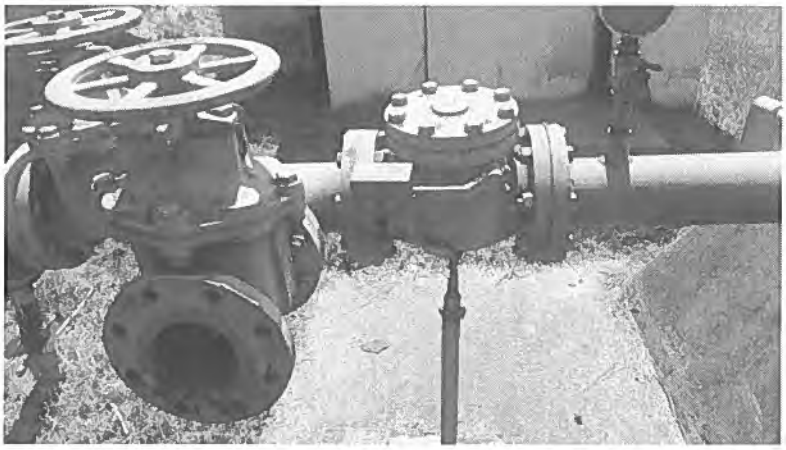


Attachment #2

Severity: Significant

Category: Security

Attachment Comments: Trees and Shrubs in Fence



Attachment #3

Severity: Minor

Facility ID: WELL 1

Category: Source

Attachment Comments: No Master Meter on well



Attachment #4

Severity: Minor

Facility ID: WELL 2 FARTHEST FROM SHED

Category: Source

Attachment Comments: No Master Meter on well

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7016 2710 0000 4927 4299

February 21, 2019

Willie Doherty
PLEASANT HILLS-CROSSROADS WATER SYSTEMS
PO Box 3
Joyce, LA 71440

Re: Class I Sanitary Survey
PLEASANT HILLS-CROSSROADS WATER SYSTEMS Public Water System
PWS ID LA1127023
WINN Parish

Dear Mr. Doherty:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 7, 2019 sanitary survey inspection of the public water supply system for PLEASANT HILLS-CROSSROADS WATER SYSTEMS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
William Charlot	LDH-OPH Engineering Services
James Monroe	LDH-OPH Engineering Services
Willie Doherty	Pleasant Hills-Crossroads Water System
Terry Sanders	Grayson/Holum Water System

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list of unresolved observations represent deficiencies that were cited during a previous sanitary survey and are pending corrective action by the water system.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1127023-001 - WELL #1	Source	There are two 5-gal buckets that appear to be leaking, they should be properly stored and the ground that was leaked on should be cleaned up as well. **See Attachment #6**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Approved chemical laboratory/drinking water records and reports were unavailable at the time of the SNSV. The PWS had both their DO pass away unexpectedly, as well as having their secretary leave in 2018, and the remaining personnel did not have their records available at the time of the SNSV. Will be coordinating with the PWS to see if the missing records turned up and/or if copies of the files can be attained for their records.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Colorimeters are not being validated at least once every 90days using standard solutions from manufacturers.

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Copies of public notices were unavailable at the time of the SNSV. The PWS had both their DO pass away unexpectedly, as well as having their secretary leave in 2018, and the remaining personnel did not have their records available at the time of the SNSV. Will be coordinating with the PWS to see if the missing records turned up.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Files pertaining to coliform sampling was unavailable at the time of the SNSV. The PWS had both their DO pass away unexpectedly, as well as having their secretary leave in 2018, and the remaining personnel did not have their records available at the time of the SNSV. Will be coordinating with the PWS to see if the missing records turned up and/or if copies of the missing files can be attained and filed for their records.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Not all of the files were available pertaining to sampling required under Subsections A and B during the SNSV. The PWS had both their DO pass away unexpectedly, as well as having their secretary leave in 2018, and the remaining personnel did not have their records available at the time of the SNSV. Will be coordinating with the PWS to see if the missing records turned up and/or if copies of the missing files can be attained for their records.

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Records of microbiologicals analyses were unavailable at the time of the SNSV. The PWS had both their DO pass away unexpectedly, as well as having their secretary leave in 2018, and the remaining personnel did not have their records available at the time of the SNSV. Will be coordinating with the PWS to see if the missing records turned up, and if copies of the files can be attained for their records.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Records of previous Sanitary Surveys and related files were unavailable at the time of the SNSV. The PWS had both their DO pass away unexpectedly, as well as having their secretary leave in 2018, and the remaining personnel did not have their records available at the time of the SNSV. Will be coordinating with the PWS to see if the missing records turned up and/or if copies of the files can be attained for their records
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Records of routine samples were unavailable at the time of the SNSV. The PWS had both their DO pass away unexpectedly, as well as having their secretary leave in 2018, and the remaining personnel did not have their records available at the time of the SNSV. Will be coordinating with the PWS to see if copies of the missing records can be attained and filed for their records.

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Records pertaining to the wells were unavailable at the time of the SNSV. The PWS had both their DO pass away unexpectedly, as well as having their secretary leave in 2018, and the remaining personnel did not have their records available at the time of the SNSV. Will be coordinating with the PWS to see if the missing records turned up.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The only records available at the time of the SNSV were the Daily Chlorine residuals. The PWS had both their DO pass away unexpectedly, as well as having their secretary leave in 2018, and the remaining personnel did not have their records available at the time of the SNSV. Will be coordinating with the newer staff to ensure that they attain copies of any missing documents for their files.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	These Daily Chlorine residual records were incomplete at the time of the SNSV. The PWS had both their DO pass away unexpectedly, as well as having their secretary leave in 2018, and the remaining personnel did not have their records available at the time of the SNSV. Will be coordinating with the PWS to see if the missing records turned up.
FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT PLANT @ STANDPIPE	Treatment	Light and fan switches are not exterior, unable to operate the fan from more than one point, and no signal light indicating fan operation.

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT @ WELL SITE	Treatment	Light and fan switches are not exterior, unable to operate the fan from more than one point, and no signal light indicating fan operation.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT @ WELL SITE	Treatment	Fan needs repair, the exterior louvers protecting the exhaust from the outside conditions has fallen off, and the piping to vent from the tank needs replacement. **See Attachment #2 and #7**
FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT PLANT @ STANDPIPE	Treatment	Fan needs repair, doesn't always engage without some sort of physical agitation.
FACILITY	CATEGORY	FINDINGS
1127023-002 - WELL #2	Source	Existing insulation is becoming haphazard in places and needs to be re-wrapped. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
1127023-001 - WELL #1	Source	Piping showing signs of corrosion and needs to be maintained.
FACILITY	CATEGORY	FINDINGS
1127023-002 - WELL #2	Source	Piping showing signs of corrosion, needs to be maintained.
FACILITY	CATEGORY	FINDINGS
1127023-001 - WELL #1	Source	Pressure gauge needs to be replaced. **See Attachment #4**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct these deficiencies, then the written response must also contain a request with specific dates when the deficiencies will be corrected.

The above noted deficiencies must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to result in deficiencies in the near future. LDH strongly recommends that the following recommendations be addressed to maintain compliance with primary drinking water regulations.

FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT PLANT @ STANDPIPE	Treatment	Chlorine gas cylinders need to be restrained separately, and any empty cylinders stored outside need to be restrained as well. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT @ WELL SITE	Treatment	Full chlorine tanks are stored outside and chained together, when they should be protected from outside conditions and chained separately., **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT PLANT @ STANDPIPE	Treatment	No scales.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT @ WELL SITE	Treatment	PWS does not have scales, and is currently constructing a new facility which will house GAC (Granular Activated Carbon) filters, their controls, as well as their chlorine injection. Construction has been slowed due to some issues with their plans.

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this survey at the following address:

LDH/OPH Engineering Services – Central Region VI
Attn: William Charlot,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant Level (MCL) Violations during the past year

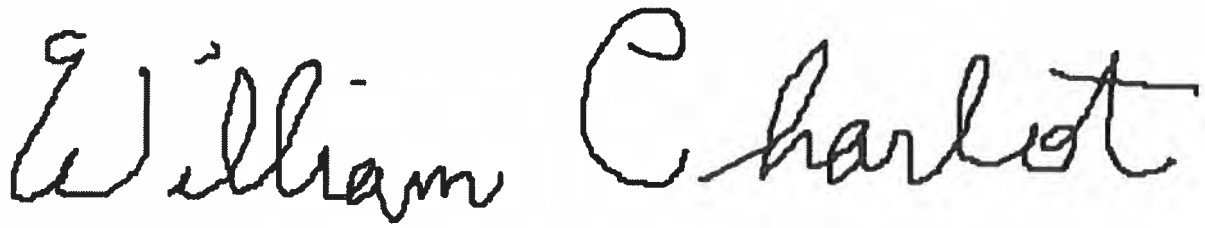
Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
11/05/2018	397 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
11/05/2018	339 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
11/05/2018	70 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
11/05/2018	67 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
08/16/2018	64 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
08/16/2018	66 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
08/16/2018	361 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
08/16/2018	333 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
05/09/2018	367 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
05/09/2018	383 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
05/09/2018	61 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2018 - 06/30/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
6004312	08/03/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2018 - 07/31/2018
6004311	07/05/2018	PUBLIC NOTICE RULE LINKED TO VIOLATION	

Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at the information below:

Respectfully,



William Charlot

Engineer Intern II Region 6

LDH-OPH Engineering Services

William.Charlot@la.gov

O: (318)487-5282

D: (318)484-2388

F: (318)487-5338

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Recommendations

Facility ID: TREATMENT PLANT @ WELL SITE

Category: Treatment

Attachment Comments: Full chlorine tanks not protected from sunlight or elements at TP001.



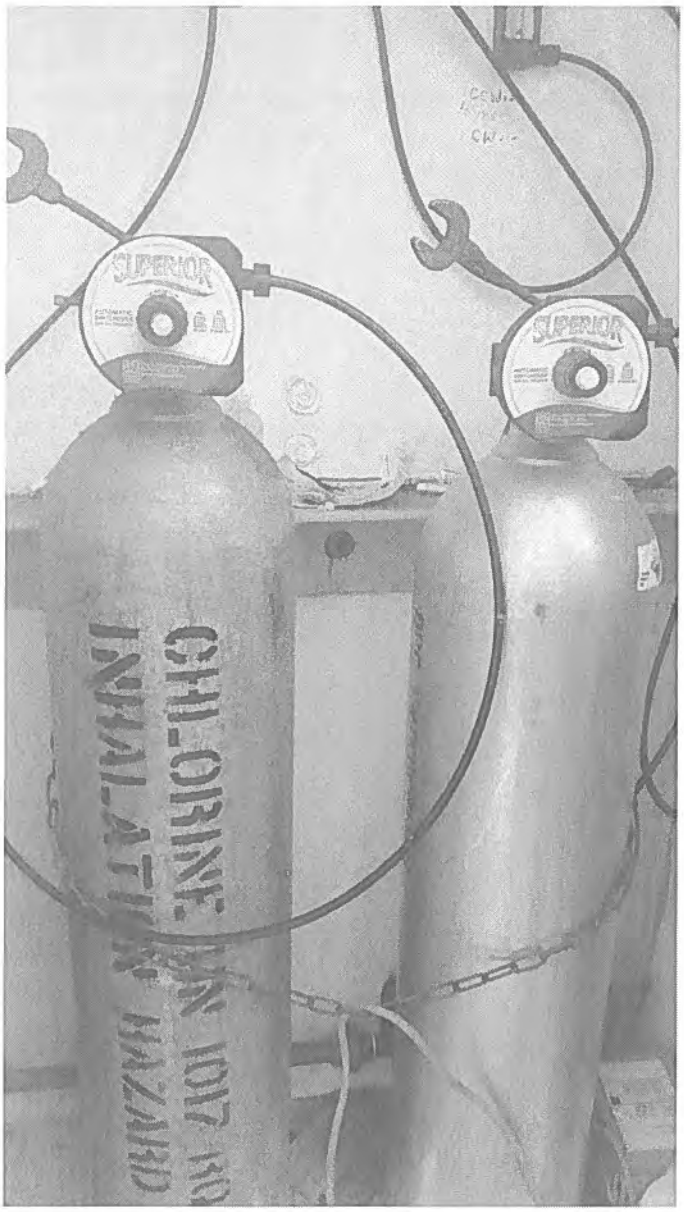
Attachment #2

Severity: Minor

Facility ID: TREATMENT PLANT @ WELL SITE

Category: Treatment

Attachment Comments: Ventilation fan needs maintenance.



Attachment #3

Severity: Recommendations

Facility ID: TREATMENT PLANT @ STANDPIPE

Category: Treatment

Attachment Comments: Chlorine bottles should be restrained separately.



Attachment #4

Severity: Minor

Facility ID: WELL #1

Category: Source

Attachment Comments: Pressure gauge needs to be replaced.



Attachment #5

Severity: Minor

Facility ID: WELL #2

Category: Source

Attachment Comments: Existing insulation is in need of maintenance.



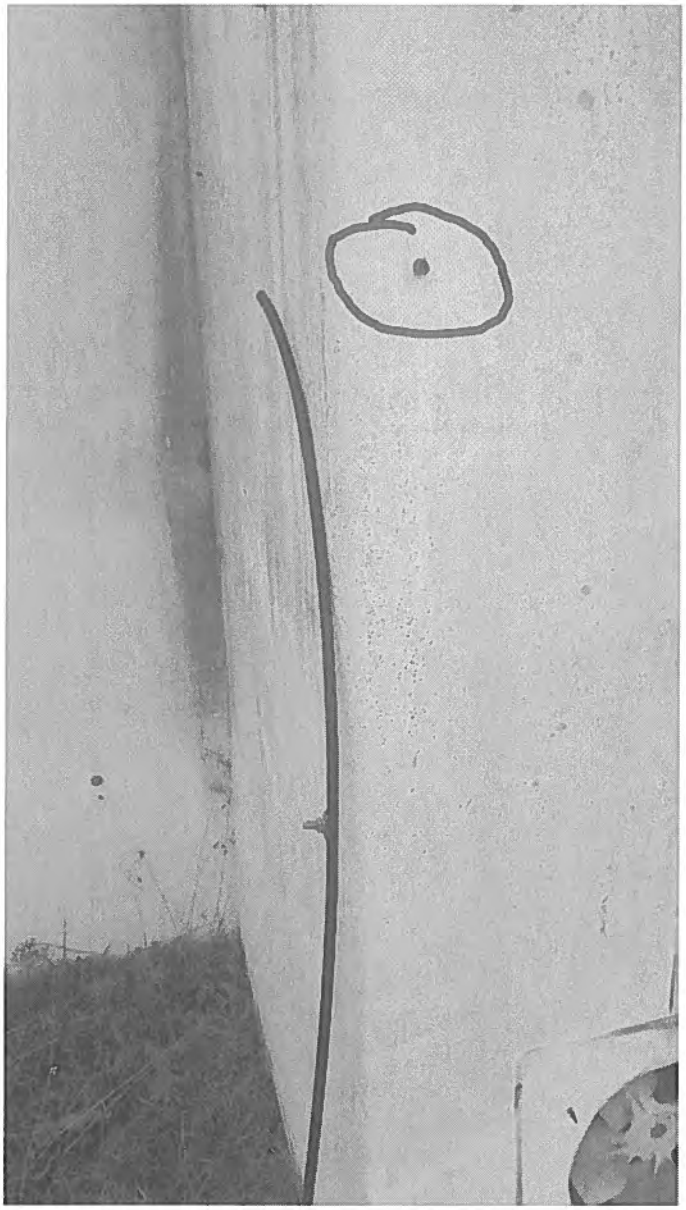
Attachment #6

Severity: Significant

Facility ID: WELL #1

Category: Source

Attachment Comments: Cleanup of the two 5gal buckets and the affected ground needs to be done to prevent potential of contamination.



Attachment #7

Severity: Minor

Facility ID: TREATMENT PLANT @ WELL SITE

Category: Treatment

Attachment Comments: Piping vent from the chlorine gas tank needs repair.



Attachment #8

Severity: Recommendations

Facility ID: TREATMENT PLANT @ WELL SITE

Category: Facility

Attachment Comments: There is exposed pipe at the Well Site which is open to the elements and should be protected.