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 2399

March 19, 2019

Mayor Donald Popp, Sr.
Village of Estherwood Water System
P.O. Box 167
Estherwood, LA 70534

Re: Class I Sanitary Survey
Village of Estherwood Water System
PWS ID #: LA 1001003
Acadia Parish

Dear Mayor Popp, Sr.:

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 Village of Estherwood 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
Dillan R. Crawford	LDH/OPH Region 4 Engineering
Donald Popp, Sr.	Village Of Estherwood
Cindy Redlich	Village Of Estherwood
Asa Vincent	Village of Estherwood Water System
Gary Brown	Village of Estherwood Water System
Hammy Duplechin	Cenla Environmental Science
Alexis Premeaux	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
11/02/2016	11/09/2016	Sanitary Survey, Finished	Minor	Treatment	TP001 Treatment Plant
Comments: There is no secondary containment provided for the liquid Permanganate chemical being used for water treatment. Secondary containment prevents spillage or accidental drainage of chemicals due to equipment and primary containment failure. **(See Attachment A-4)**					

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. An up-to-date customer listing must be compiled showing the critical customers within the distribution system. Customers must be given notification of their obligations as part of the water systems working CCCP. Not all annual test reports for the cross connection control devices could be confirmed. 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 an up-to-date list of critical customers and current annual test reports for all customers with backflow preventers.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL002 Elevated Tower #2	Finished Water Storage	The overflow pipe for the elevated tower is not screened. The overflow pipe must be screened with a four mesh, non-corrodible screen. Securely install a four mesh, non-corrodible screen on the overflow piping of the elevated tower to provide protection at all times. **(See Attachment A-3)**
FACILITY	**CATEGORY**	**INDINGS**
TP001 Treatment Plant	Treatment	The chemical feed tank for the potassium permanganate is not properly labeled. The chemical feed tank must be labeled with the name of the chemical being injected for treatment. Provide a label on the chemical feed tank from the manufacturer of the potassium permanganate.
FACILITY	**CATEGORY**	**FINDINGS**
1001003-002 Well #2 (North Well)	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 screening to protect against potential entrance of contaminants. **(See Attachment A-2)**

FACILITY	CATEGORY	FINDINGS
1001003-001 Well #1 (South Well)	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 screening 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 potassium permanganate pump installed. Systems that require chemical feed for protection of the water supply must have sufficiently sized replacement equipment on standby. Please provide documentation stating that replacement equipment for the potassium permanganate pump has been provided onsite for the treatment plant.

Written Response Required

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
4005044	01/07/2019	Inadequate Minimum Chlorine Residual (GW & SW)	12/01/2018 - 12/31/2018
4005045	01/07/2019	5% Distribution System Below Minimum of 0.5 mg/L - 2 Months Consecutive (GW)	01/01/2019 - 01/31/2019
4005043	07/10/2018	Inadequate Minimum 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 (337) 262-5634.

Respectfully,

Hayden K. Keigley, P.E.
Engineer 4

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Hammy Duplechin, Designated Operator, Cenla Environmental Science
Gary Brown, Operator in Training, Village of Estherwood Water System
Asa Vincent, Operator in Training, Village of Estherwood Water System

Attachments

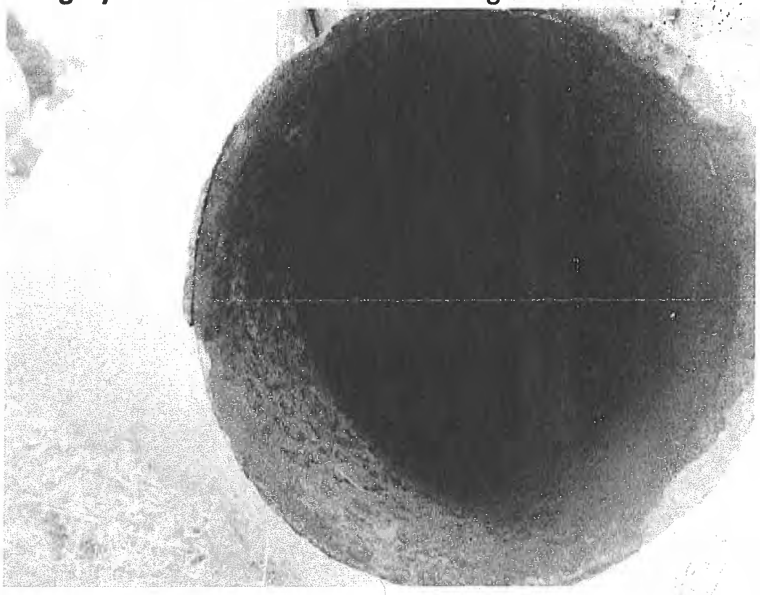
Attachment A-1: Damaged Screen on Air Release-Vacuum Relief Valve
Facility ID: Well #1 – South Well
Category: Source



Attachment A-2: Damaged Screen on Air Release-Vacuum Relief Valve
Facility ID: Well #2 - North Well
Category: Source



Attachment A-3: No Screen on Overflow Piping
Facility ID: Elevated Tower #2
Category: Finished Water Storage



Attachment A-4: No Secondary Containment Provided
Facility ID: Treatment Plant
Category: Treatment – Potassium Permanganate



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 4602

February 15, 2019

Darla Istre
Village of Mermentau Water System
PO Box 280
Mermentau, LA 70556

Re: Class I Sanitary Survey
Village of Mermentau Water System Public Water System
PWS ID LA1001005
Acadia Parish

Dear Mayor Istre:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 4, 2019 sanitary survey inspection of the public water supply system for Village of Mermentau 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
Robbie Simon	Village Of Mermentau W S
Abel Toups	Village Of Mermentau W 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

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. 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. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	A complete 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.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	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. The current ACR site listed in the Monitoring Plan on the Monitoring Portal website does not exist in the field. Update Monitoring Portal to show the correct location of the ACR location. 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 office a copy of the next three

		(3) months of properly recorded, chlorine residual forms.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	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 manufacturer on the chemical feed tank. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1001005-002 - WELL #2	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. Replace the air relief valve screening to prevent the entrance of contaminants.
FACILITY	CATEGORY	FINDINGS
1001005-001 - WELL #1	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. Replace the air relief valve screening to prevent the entrance of contaminants. **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: 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 337-262-5746.

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

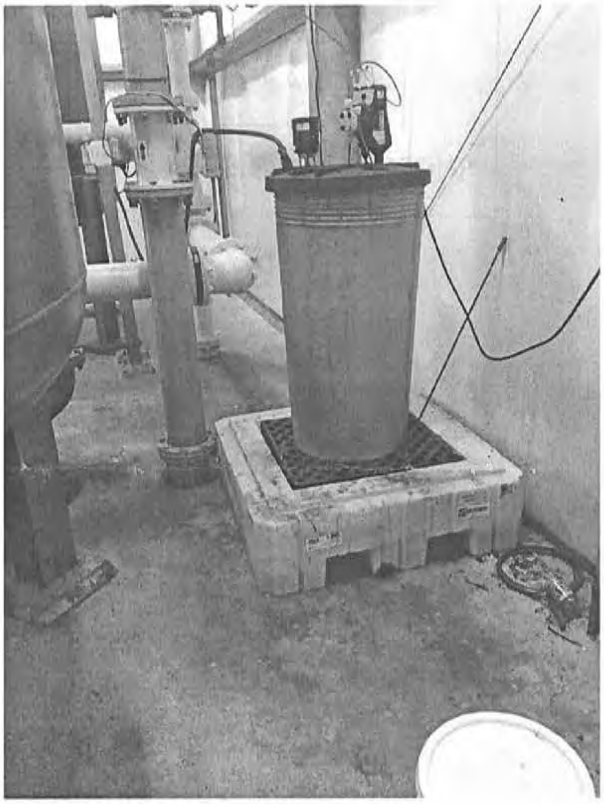
Attachments



Attachment #1
Category: System Management and Operation
Attachment Comments:



Attachment #2
Facility ID: WELL #1
Category: Source
Attachment Comments:



Attachment #3
Category: TREATMENT PLANT
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 0364

October 4, 2019

Ray Richard
Village of Morse Water System
Morse, LA 70559

Re: Class I Sanitary Survey
Village of Morse Water System
PWS ID #: LA1001006
Acadia Parish

Dear Mayor Richard:

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 Village of Morse 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
Hayden K. Keigley	LDH/OPH Region IV Engineering
Ethan Richard	Village Of Morse

NOTICE OF VIOLATIONS

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

The following list 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
01/11/2018	01/12/2018	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED TOWER
Comments: From review during the sanitary survey, the elevated tower should be inspected. Finished water storage facilities are generally inspected and maintained on a routine basis. An inspection period of 3 to 5 years is typically recommended. The water system does not have any recent inspection reports to support the overall integrity of the elevated tower's exterior conditions. An inspection and preventative maintenance should be performed on the exterior of the elevated tower to prevent any future corrosion issues.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
01/11/2018	01/12/2018	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: All bacteriological and chemical test result reports from the laboratory must be kept on file and retained for not less than ten (10) years. During the sanitary survey, some of the test result reports were not available for review. All such records must be made available for review during inspections and sanitary surveys of the public water system performed by LDH.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The water system was unable to provide the chemical analyses for the chosen method of treatment (list methods). 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).
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	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**
EL001 - ELEVATED TOWER	Finished Water Storage	The overflow piping for the ground storage tank is not adequate. The overflow piping for all ground storage tanks must have a visible discharge over a splash pad or drainage inlet. The discharge outlet for the overflow piping must be installed at an elevation between 12 and 24 inches. The ground beyond the splash pad is starting to deteriorate. Modify the discharge piping to conform to these overflow requirements. **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 - TREATMENT PLANT	Treatment	The point of entry (POE) sample tap is located on the treatment plant's plumbing and must be relocated for proper sampling. The tap 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. OPH Region 4 engineering staff can be reached by phone @ 337-262-5746 to discuss appropriate locations for the new POE sample tap.

Required by Law

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: 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
4011249	09/05/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	08/01/2019 - 08/31/2019
4011247	08/06/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2019 - 07/31/2019
4011244	03/27/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	03/01/2019 - 03/31/2019
4011243	03/07/2019	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 337-262-5746.

Respectfully,

Dillan Crawford,

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

Attachments:



Attachment #1 Ground beyond current splash pad is starting to deteriorate
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: 7017 1450 0000 1658 0234

June 28, 2019

Cindy Leleux
ARC of ACADIANA
224 Gremillion Circle
Iota, LA 70543

Re: Class I Sanitary Survey
ARC of ACADIANA Public Water System
PWS ID LA1001011
ACADIA Parish

Dear Ms. Leleux:

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 ARC of ACADIANA (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
John Wayne Vincent	Star 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
10/13/2017	10/20/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED TOWER
Comments: 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 A.1)***					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
10/13/2017	10/20/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED TOWER
Comments: 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.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
10/13/2017	10/20/2017	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT
Comments: The intake louvers near the ceiling of the treatment plant appear to remain open at all times. The intake louvers should be inspected and serviced to facilitate airtight closure when the facility is unoccupied.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1001011-002 - WELL #2	Source	The well is currently inactive and has not been plugged and abandoned The water system has no desire to put the well back into service. 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.
FACILITY	**CATEGORY**	**FINDINGS**
1001011-003 - WELL #3	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
4004808	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 337-262-5746.

Respectfully,

Dillan Crawford,

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

Attachments:

Attachment A.1 **Overflow is not over a splash pad**

Facility Id: **EL001-ELEVATED TOWER**

Category: **Storage**



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 2801

February 7, 2019

Jeff Bouillion
South Rayne Water Corporation
P.O. Box 839
Rayne, LA 70578

Re: Class I Sanitary Survey
South Rayne Water Corporation
PWS ID #: LA 1001022
Acadia Parish

Dear Mr. Bouillion:

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 the South Rayne Water Corporation public 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
Steven Thibodeaux	South Rayne Water Corporation

NOTICE OF VIOLATIONS

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

The following list 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 point of entry (POE) sample tap is connected to a tee style fitting with another threaded tap installed. The POE sample tap must be smooth nosed and supportive of sampling measures only. The tee style fitting and threaded tap must be eliminated. **(See Attachment A-1)**

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR002 Ground Storage Tank #2 Southeast Tank	Finished Water Storage	The overflow piping for the ground storage tank is not adequate. The overflow piping for all ground storage tanks must have a visible discharge over a splash pad or drainage inlet. The discharge outlet for the overflow piping must be installed at an elevation between 12 and 24 inches. Modify the discharge piping to conform to these overflow requirements **(See Attachment A-6)**
FACILITY	**CATEGORY**	**FINDINGS**
GR002 Ground Storage Tank #2 Southeast Tank	Finished Water Storage	The overflow piping for the ground storage tank is not screened. The discharge outlet for the overflow piping must be screened with a twenty-four (24) mesh, non-corrodible screen. Install a 24 mesh, non-corrodible screen on the discharge outlet of the overflow piping to provide sanitary protection at all times. **(See Attachment A-7)**
FACILITY	**CATEGORY**	**FINDINGS**
GR001 Ground Storage Tank #1 Northwest Tank	Finished Water Storage	The overflow piping for the ground storage tank terminates too close to the splash pad. The discharge outlet for the overflow piping must be installed at an elevation between 12 and 24 inches. Modify the discharge for the overflow piping to comply with this requirement. **(See Attachment A-4)**

FACILITY	CATEGORY	FINDINGS
GR001 Ground Storage Tank #1 Northwest Tank	Finished Water Storage	The screen for the ground storage tank overflow piping is not adequate. The discharge outlet of the overflow piping for the ground storage tank must be installed with a twenty-four (24) mesh, non-corrodible screen. Install a 24 mesh, non-corrodible screen on the discharge outlet of the overflow piping to provide sanitary protection at all times. **(See Attachment A-5)**
FACILITY	**CATEGORY**	**FINDINGS**
TP001 Treatment Plant	Treatment	There is not a receiving basin capable of receiving accidental spill or overflows in the area where potassium permanganate is fed. A floor drain near the potassium permanganate feed tank will not allow accidental discharges to be contained for proper clean up. A receiving basin capable of receiving accidental spill or overflows without uncontrolled discharges is needed. **(See Attachment A-8)**
FACILITY	**CATEGORY**	**FINDINGS**
1001022-002 Well #2 Middle Well	Source	The well's outer casing and discharge piping are showing signs of rusting, corrosion, and/or flaking paint. The well's outer casing and discharge piping must be maintained to avoid further corrosion, deterioration and/or potential structural failure. Clean, treat and paint the well's outer casing and discharge piping to prevent sources of potential contamination. **(See Attachments A-2 & 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

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
Steven Thibodeaux, Contract Designated Operator, S & L Services, LLC

Attachments

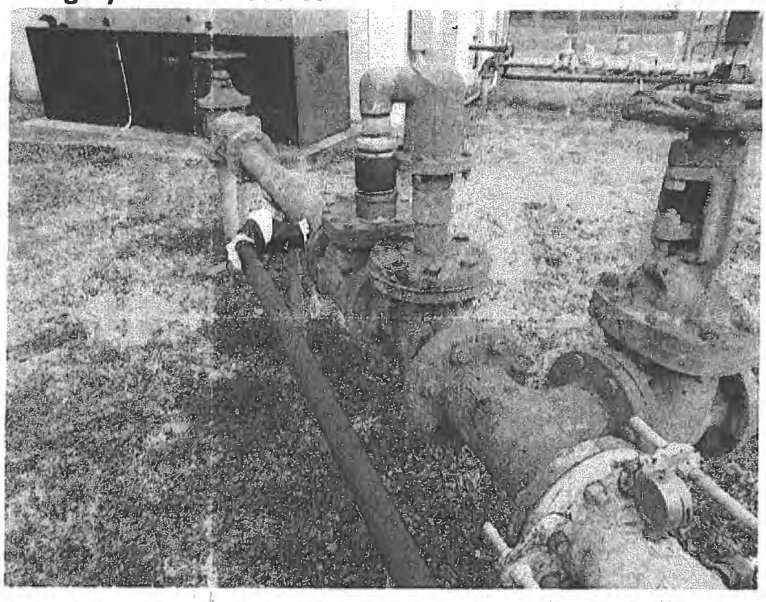
Attachment A-1: Double-Sided POE Sampling Tap
Facility ID: DS0950 – Distribution System
Category: Distribution System.



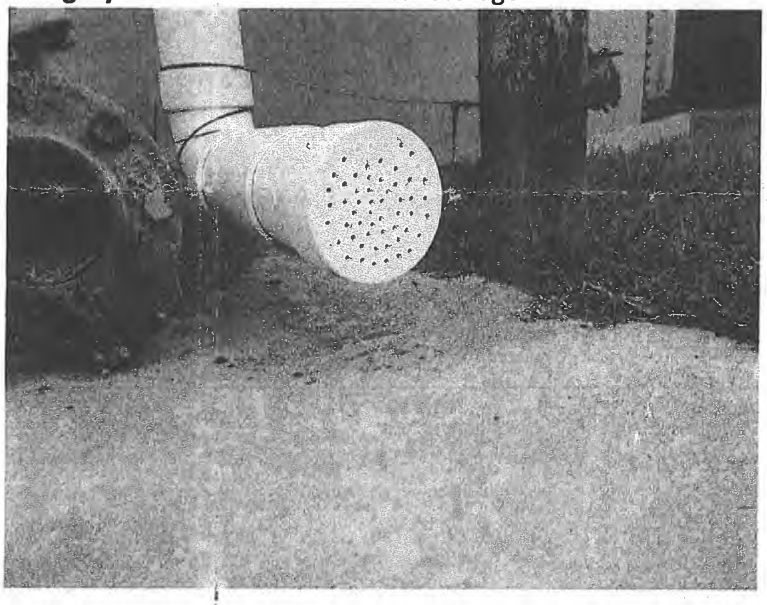
Attachment A-2: Outer Well Casing Needs Maintenance
Facility ID: Well #2 – Middle Well
Category: Source



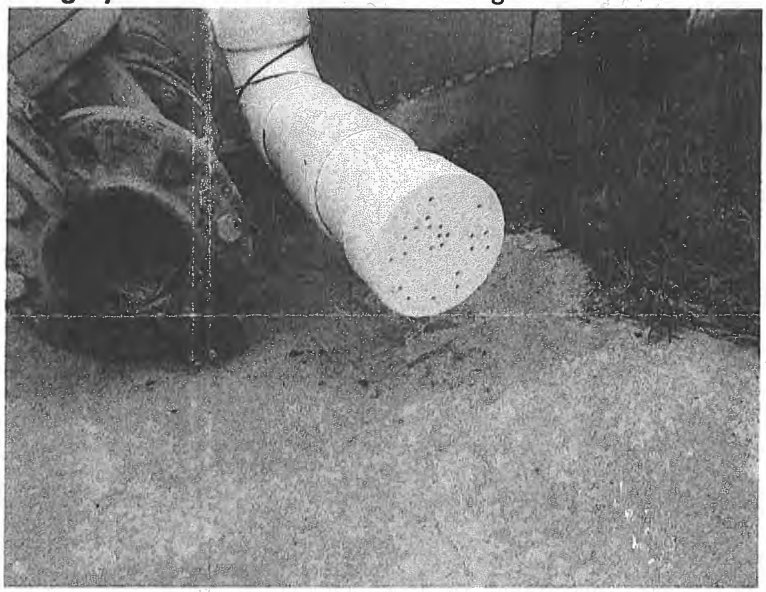
Attachment A-3: Discharge Piping Needs Maintenance
Facility ID: Well #2 – Middle Well
Category: Source



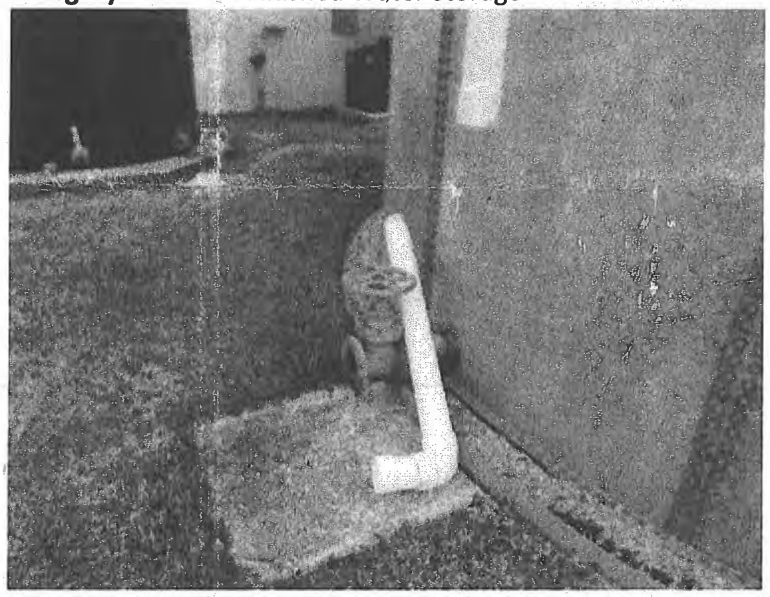
Attachment A-4: Overflow Piping Terminates to Close to the Splash Pad
Facility ID: Ground Storage Tank #1 – Northwest Tank
Category: Finished Water Storage



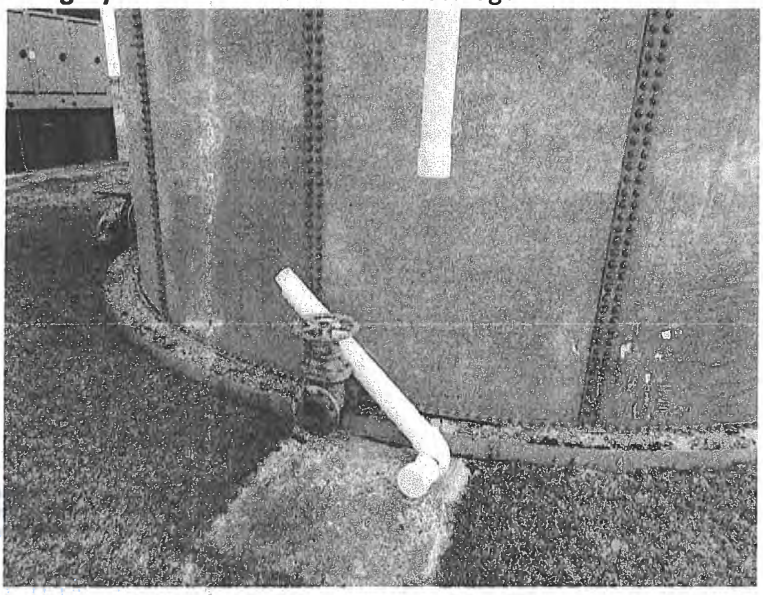
Attachment A-5: Overflow Piping is Not Screened Adequately
Facility ID: Ground Storage Tank #1 – Northwest Tank
Category: Finished Water Storage



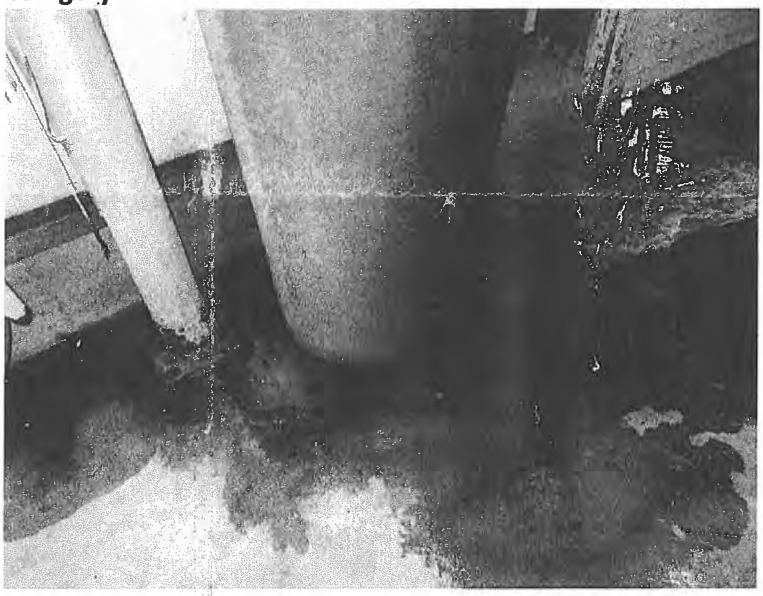
Attachment A-6: Overflow Piping Does Not Terminate over Splash Pad
Facility ID: Ground Storage Tank #2 – Southeast Tank
Category: Finished Water Storage



Attachment A-7: Overflow Piping Not Screened
Facility ID: Ground Storage Tank #2 – Southeast Tank
Category: Finished Water Storage



Attachment A-8: No Secondary Containment for Potassium Permanganate
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 2382

March 19, 2019

Charlie Habetz
North of Crowley Water Corporation
P.O. Box 840
Rayne, LA 70578

Re: Class I Sanitary Survey
North of Crowley Water Corporation
PWS ID #: LA 1001023
Acadia Parish

Dear Mr. Habetz:

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 North of Crowley Water Corporation public 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
Dillan R. Crawford	LDH/OPH Region 4 Engineering
Danny Richard	North of Crowley Water Corporation
Melanie Richard	North of Crowley Water Corporation

NOTICE OF VIOLATIONS

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

The following list 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	The point of entry (POE) site needs to be relocated for proper sampling. A POE sample tap 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

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
Danny Richard, Designated Operator, North of Crowley Water Corporation

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 2795

February 7, 2019

Martin Guillory
Mire Branch Water Corporation
1922 Higginbotham Highway
Church Point, LA 70525

Re: Class I Sanitary Survey
Mire Branch Water Corporation
PWS ID #: LA 1001024
Acadia Parish

Dear Mr. Guillory:

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 Mire Branch Water Corporation public 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
Bryant Fantroy	Mire Branch Water Corporation
Kyla Hill	Mire Branch Water Corporation
Curt Landry	Mire-Branch Water Corporation
Kristin Romero	Mire Branch Water Corporation

NOTICE OF VIOLATIONS

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

The following list 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
09/14/2016	11/01/2016	Sanitary Survey, Finished	Minor	Treatment	TP001 – Treatment Plant (Wells #1 & #2)
Comments: There is no secondary containment provided for the potassium permanganate chemical being used in the Treatment Plant for Wells #1 and #2 (TP001). Secondary containment prevents spillage or accidental drainage of chemicals due to malfunctions in equipment or primary containment. The water system must provide secondary containment for the potassium permanganate (e.g. double walled container, dike installation).					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 Treatment Plant #1 (Wells #1 & #2)	Treatment	There is not a receiving basin capable of receiving accidental spill or overflows in the area where potassium permanganate is fed. A floor drain near the potassium permanganate feed tank will not allow accidental discharges to be contained for proper clean up. A receiving basin capable of receiving accidental spill or overflows without uncontrolled discharges is needed. **(See Attachment A-2)**
FACILITY	**CATEGORY**	**FINDINGS**
TP002 Treatment Plant #2 (Well #3)	Treatment	There is not a receiving basin capable of receiving accidental spill or overflows in the area where potassium permanganate is fed. A floor drain near the potassium permanganate feed tank will not allow accidental discharges to be contained for proper clean up. A receiving basin capable of receiving accidental spill or overflows without uncontrolled discharges is needed. **(See Attachment A-3)**
FACILITY	**CATEGORY**	**FINDINGS**
1001024-003 Well #3 – South Well	Source	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 pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions. **(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

Violation No.	Violation Date	Violation Type	Compliance Period
530	03/15/2018	Inadequate Minimum Chlorine Residual (GW&SW)	03/01/2018 - 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 (337) 262-5634.

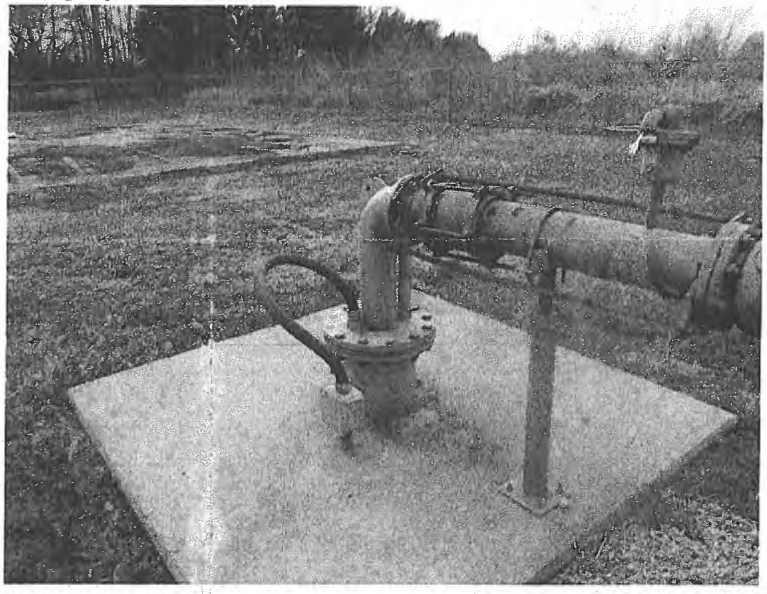
Respectfully,

Hayden K. Keigley, P.E.
Engineer 4

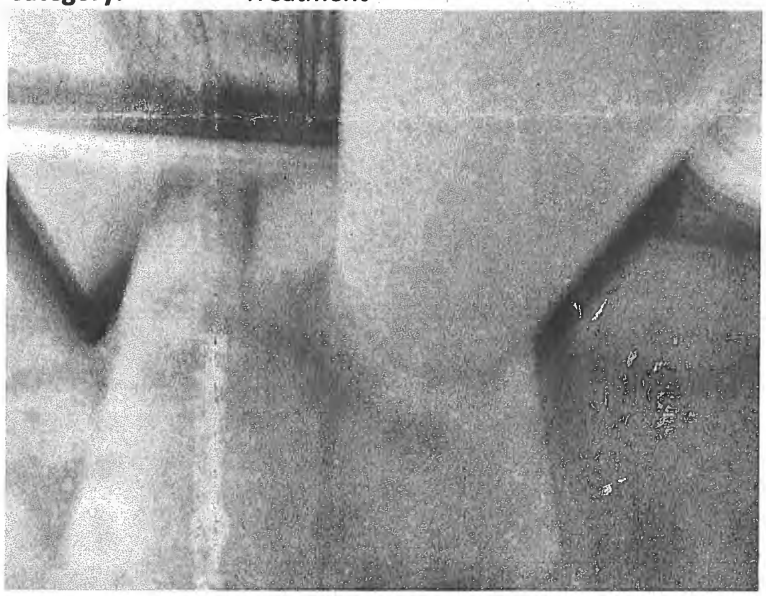
cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Curt Landry, Designated Operator, Mire Branch Water Corporation

Attachments

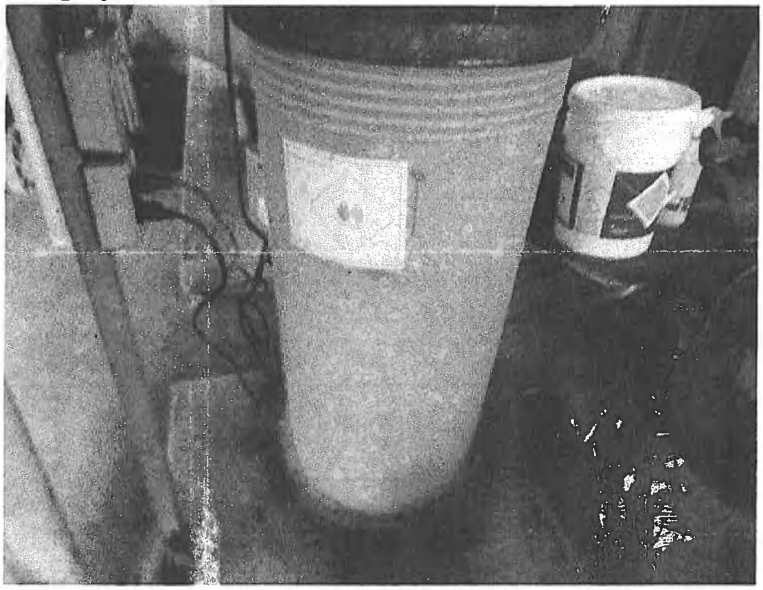
Attachment A-1: No Pressure Gauge Installed Upstream of Check Valve
Facility ID: Well #3 – South Well
Category: Source



Attachment A-2: No Secondary Containment for Potassium Permanganate
Facility ID: Treatment Plant #1 (Wells #1 & #2)
Category: Treatment



Attachment A-3: No Secondary Containment for Potassium Permanganate
Facility ID: Treatment Plant #2 (Well #3)
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 6089

June 3, 2019

Wayland Lafargue
TOWN of KINDER WATER SYSTEM
P.O. Box 947
Kinder, LA 70648

Re: Class I Sanitary Survey
TOWN of KINDER WATER SYSTEM Public Water System
PWS ID LA1003005
ALLEN Parish

Dear Mayor Lafargue:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 30, 2019 sanitary survey inspection of the public water supply system for TOWN of KINDER 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
Chester Braxton	Town Of Kinder Water System
Traci Fontenot	Town Of Kinder 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
10/24/2017	10/25/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-EL - HWY 165
Comments: From review the finished water storage facilities (elevated towers, and ground storage tank) should be inspected. 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.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
10/24/2017	10/25/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-EL - PARK TOWER
Comments: From review the finished water storage facilities (elevated towers, and ground storage tank) should be inspected. 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.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The documents for the Cross Connection Control program are in good order, with a file supporting each customer with program implications. From reviewing the files, it appears that some customers are not supporting the water systems notice with the required test results. The water system must provide documentation to support what happens after a notice is issued and there is nothing received from the customer. The file for each customer should support the path to compliance. There were some folders that had only letters as issued by the water system. Please provide some feedback on the cases where reports are lacking from the customers from last year. Future failures to tests must result in disruption of water service until compliance is reached. An overall master list of applicable customers must be created and maintained.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL002 - EL - PARK TOWER	Finished Water Storage	The existing screen for the elevated tower overflow pipe is broken. 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 A.1.)**
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE	Finished Water Storage	The screen for the ground storage tank overflow pipe is not adequate. The current screening is too coarse. The overflow pipe for the ground storage tank must be screened with twenty-four mesh, non-corrodible screen. Install a non-corrodible, 24 mesh screen on the ground storage tank overflow pipe to provide sanitary protection at all times. **(See Attachment A.2.)**
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE	Finished Water Storage	The splash plate for the ground storage tank's overflow is not effective and does not allow for appropriate discharge of the tank's overflow with proper drainage away from the tank's foundation. The understanding of the splash pad must be expanded. Proper grading around the established splash pad from the tank's foundation is needed to prevent erosion that could compromise the structural integrity of the tank. **(See Attachment A.3.)**
FACILITY	CATEGORY	FINDINGS
TP002 - DS DISINFECTION - TOWER - INDUSTRIAL DR.	Treatment	The ventilating fan is currently not operational, where the booster pump is located. Either the fan is broken or there is an electrical issue. 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
TP002 - DS DISINFECTION - TOWER - INDUSTRIAL DR.	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 A.4.)**
FACILITY	CATEGORY	FINDINGS
TP002 - DS DISINFECTION - TOWER - INDUSTRIAL DR.	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 5 Engineering staff can be reached by phone at (337) 475-3214 to discuss appropriate locations for the new POE sample tap. During the survey, it was discussed that a smooth nosed sampling point would be established on the water main feeding the meters for Tobacco Plus. The POE must be established before any customer connections to the 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 – 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. **Overflow Screening**
Facility ID: **EL002 - EL - PARK TOWER**
Category: **Finished Water Storage**



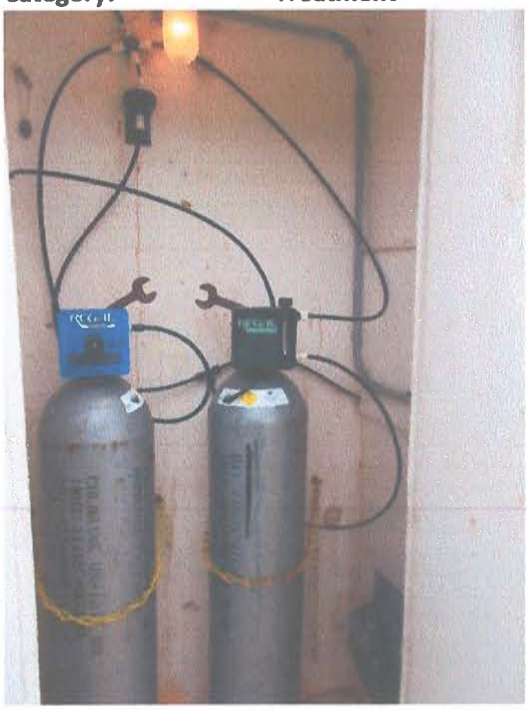
Attachment A.2. **Source of Contamination**
Facility ID: **GR001 – GROUND STORAGE**
Category: **Finished Water Storage**



Attachment A.3. **Splash Plate Effectiveness**
Facility ID: **GR001 – GROUND STORAGE**
Category: **Finished Water Storage**



Attachment A.4. **Weighing Scales**
Facility ID: **TP002 - DS DISINFECTION - TOWER - INDUSTRIAL DR.**
Category: **Treatment**



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 5219

June 14, 2019

Roland Jackson
ASCENSION PARISH WATER WORKS DISTRICT 2
P.O. Box 96016
Baton Rouge, LA 70896

Re: Class I Sanitary Survey
ASCENSION PARISH WATER WORKS DISTRICT 2 Public Water System
PWS ID LA1005001
ASCENSION Parish

Dear Mr. Jackson:

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 ASCENSION PARISH WATER WORKS 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
Clark Broussard	LDH/OPH Region II Engineering
Jacob Haffner	LDH/OPH District II Engineering
Bart Himel	Ascension 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

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the survey, the system did not have a backflow prevention ordinance or rule in place. 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. Once developed the plan should be sent into this office for review.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	A complete collection of the sanitary survey letters from the last ten years were not available during the survey. As called for in 40 CFR 141.403 and LAC 51:XII.377.A.4 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

Management	M&R and Data Verification	At the time of the survey, required bacteriological analyses were not available for review. LAC 51:XII.377 necessitates that 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.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	It was noted during the survey that the required ten years of disinfectant residual recordings were incomplete. It is required by LAC 51:XII.367.D that 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.

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

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 8924 3966

November 19, 2019

Samuel L. Brown
BON TERRE CORPORATION WATER SYSTEM
11485 Country Club Drive
Gonzales, LA 70707

Re: Class I Sanitary Survey
BON TERRE CORPORATION WATER SYSTEM Public Water System
PWS ID LA1005004
ASCENSION 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 November 14, 2019 sanitary survey inspection of the public water supply system for BON TERRE CORPORATION 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
John Ramer	LDH/OPH Region 2 Engineering
Samuel L. Brown	Bon Terre Corporation

NOTICE OF VIOLATIONS

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

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

The following list 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
12/11/2017	12/15/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	HD001-HYDROPNEUMATIC TANK
Comments: During inspection it was noted that the tank did not contain a water sight glass. 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.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	A formal cross connection control plan is required. Each water utility shall have a program conforming to state requirements to detect and eliminate cross connections. Each water supplier shall protect the water produced and distributed from potential contamination by ensuring compliance with containment practices and maintenance/field testing requirements. An adopted and signed cross connection control plan shall be provided to this office.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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	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.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Threaded hose bibbs without vacuum breakers were used as potable sampling taps in the distribution system. There shall be no physical connection between a public water supply and any other water supply which is not of equal sanitary quality. All threaded hose bibbs shall have vacuum breakers.

Written Response Required

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: John Ramer, 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 225-342-7159.

Respectfully,

John Ramer

John Ramer, R.S.
Region 2 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: 7019 0700 0000 8664 3795

September 26, 2019

Ascension Water Company
Belle Rina
P.O. Box 96016
Baton Rouge, LA 70896

Re: Class I Sanitary Survey
Belle Rina Public Water System
PWS ID LA1005006
ASCENSION Parish

Dear Ascension Water Company:

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 BELLE RINA (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Lawrence Carr	Baton Rouge 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
1005006-001 - BELLE RINA WELL 001	Source	LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply, 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

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.

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.

Written Response Required

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

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 4617

November 12, 2019

Barney Arceneaux
CITY of GONZALES WATER SYSTEM
120 S. Irma Boulevard
Gonzales, LA 70737

Re: Class I Sanitary Survey
CITY of GONZALES WATER SYSTEM Public Water System
PWS ID LA1005030
ASCENSION Parish

Dear Mr. Arceneaux:

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 CITY of GONZALES 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
Jackie Baumann, P.E.	City Of Gonzales
Rusievelt Vessel	City Of Gonzales

NOTICE OF VIOLATIONS

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

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

The following list 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	Records of annual backflow device testing for all customers were incomplete. In order to protect the water supply customers that do not comply with yearly testing requirements should have water service terminated until testing is performed. LAC 51:XII.343 outlines Cross Connection and Containment practices.
FACILITY	CATEGORY	FINDINGS
1005030-002 - RODDY RD. WELL	Source	The air release valve on the Roddy Road Well was holding water at the time of the inspection. A properly functioning air release valve is essential to preventing contamination of the well. LAC 51:XII.319.D.7 states that 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
1005030-003 - DOUBLE L HYDROTEST WELL	Source	The well vent on the Double L Well was pointed horizontally, which potentially could hold water and form a pathway for contamination. LAC 51:XII.319.D.7 states that 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 vent should terminate in a downward direction. **See Attachment #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
1005030-004 -	Source	At the time of the survey, the paint on the piping of the

BOURQUE WELL		Borque Well was peeling and exposing metal to further damage. LAC 51:XII.169.H.3.a.viii states that all exposed piping, valves, and appurtenances shall have protection against physical damage and freezing.
FACILITY	CATEGORY	FINDINGS
1005030-004 - BOURQUE WELL	Source	It was noted during the survey that the packing on the Borque Well spindle was leaking excessively. The packing should be tightened or replaced in order to ensure that only the water necessary for operation is allowed to drip onto the spindle. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1005030-003 - DOUBLE L HYDROTEST WELL	Source	It was noted that the paint coating on the Double L Well was flaking and peeling off. In order to protect all discharge piping, valves, and appurtenances from physical damage and freezing as called for in LAC 51:XII.169.H.3.a.viii, the old paint should be scraped off and the well repainted.
FACILITY	CATEGORY	FINDINGS
1005030-002 - RODDY RD. WELL	Source	The flow meter on the Roddy Road Well was not functional during the inspection. LAC 51:XII.169.H.3.a.iv requires that all wells 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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to 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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
B1901371-004	Routine	4/8/2019			1.600

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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: RODDY RD. WELL

Category: Source

Attachment Comments: The air release valve on the Roddy Road Well was holding water at the time of the inspection. A properly functioning air release valve is essential to preventing contamination of the well. LAC 51:XII.319.D.7 states that 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: Significant

Facility ID: DOUBLE L HYDROTEST WELL

Category: Source

Attachment Comments: The well vent on the Double L Well was pointed horizontally, which potentially could hold water and form a pathway for contamination. LAC 51:XII.319.D.7 states that 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 vent should terminate in a downward direction.



Attachment #3

Severity: Minor

Facility ID: BOURQUE WELL

Category: Source

Attachment Comments: It was noted during the survey that the packing on the Borque Well spindle was leaking excessively. The packing should be tightened or replaced in order to ensure that only the water necessary for operation is allowed to drip onto the spindle.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

CERTIFIED MAIL: 7015 1520 0002 8924 3942

July 3, 2019

Harry Smith
MCGAHA APARTMENTS
3256 Riverbrook Court
Baton Rouge, LA 70820

Re: Class I Sanitary Survey
MCGAHA APARTMENTS Public Water System
PWS ID LA1005085
ASCENSION 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 June 28, 2019 sanitary survey inspection of the public water supply system for MCGAHA APARTMENTS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
John Ramer	OPH District II Engineering
Troy Canter	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

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Daily chlorine residual measurements are not taken and recorded. Chlorine residuals shall be taken daily and records maintained. Chlorine residuals should be taken at the entry point to distribution and point of maximum residence time.
FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC	Finished Water Storage	A water sight glass is not provided on the hydropneumatic tank. Each tank shall have a water sight glass and the pressure gauge moved to a lower height for observation purposes.
FACILITY	CATEGORY	FINDINGS
TP001 - MCGAHA APARTMENTS WELL	Treatment	HTH liquid chlorinator is not ANSI/NSF approved. Provide an ANSI/NSF Standard 60 approved chlorine.
FACILITY	CATEGORY	FINDINGS
1005085-001 - MCGAHA APTS. WELL	Source	A flow meter is not provided on the discharge piping of the well. Each well is required to have 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
1005085-001 - MCGAHA APTS. WELL	Source	A secondary source of groundwater is not 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 – Capitol Region II
Attn: John Ramer, 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 225-342-7159.

Respectfully,

John Ramer

John Ramer, R.S.
Region 2 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: 7019 0700 0000 8664 1029

December 9, 2019

Jason Brock
RODDY ROAD VILLAGE ASCENSION, LLC
1534 Court St #40
Port Allen, LA 70767

Re: Class I Sanitary Survey
RODDY ROAD VILLAGE ASCENSION, LLC Public Water System
PWS ID LA1005112
ASCENSION Parish

Dear Mr. Brock:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 11, 2019 sanitary survey inspection of the public water supply system for RODDY ROAD VILLAGE ASCENSION, 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**
Teresa Benton	LDH\OPH Engineering Services
Troy Canter	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.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1005112-001 - BOBS TRAILERLAND WELL	Source	At the time of inspection, there was no secondary source of water. Provide a secondary source of groundwater. 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
Management	M&R and Data Verification	At the time of the inspection, there were no records on file. 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.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of the inspection, there were no records on file. 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.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	No records have been kept for this system. Start retaining and storing records of written reports, summaries, or communications relating to sanitary surveys. LAC 51:XII.377.A.4 - 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
HD001 - HYDROPNEUMATIC	Finished Water Storage	At the time of inspection, there was no water sight glass present on the hydro pneumatic tank. Provide a water sight glass. **See Attachment #1.** 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 - BOBS TRAILERLAND TREATMENT PLANT	Treatment	At the time of inspection, there was no calibration tube for the sodium hypochlorite chemical feed pump. Provide a calibration tube or mass flow monitor. **See attachment #1 for an additional picture and Attachment #3.** LAC 51:XII 209.D.2.d - Calibration tubes or mass flow monitors which allow for direct physical checking of actual feed rates shall be provided.
FACILITY	CATEGORY	FINDINGS
TP001 - BOBS TRAILERLAND TREATMENT PLANT	Treatment	At the time of inspection, there was no ventilating fan or signal light. Provide a ventilating fan near the floor, air inlets near the ceiling, and a signal light with indicating ventilating fan operation. **See Attachment #2.** LAC 51:XII 209.A.3.d-h. - Feed and storage rooms shall be constructed so as to meet the following requirements: d. a ventilating fan with a capacity to complete one air change per minute when the room is occupied; where this is not appropriate due to the size of the room, a lesser rate may be considered; e. the ventilating fan shall take suction near the floor and as great a distance as is practical from the door and air inlet, with the point of discharge located so as not to contaminate air inlets to any rooms or structures; f. air inlets with corrosion resistant louvers shall be installed near the ceiling; air intake and exhaust louvers shall facilitate airtight closure; 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
TP001 - BOBS TRAILERLAND TREATMENT PLANT	Treatment	At the time of visit, shipping containers were not fully labeled and meeting ANSI/NSF 60 labeling requirements. **See Attachment #3.** LAC 51:XII.205.A - Chemical shipping containers shall be fully labeled to include the following: 1. chemical name, purity and concentration; and 2. supplier name and address.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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: 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 225/242-7598.

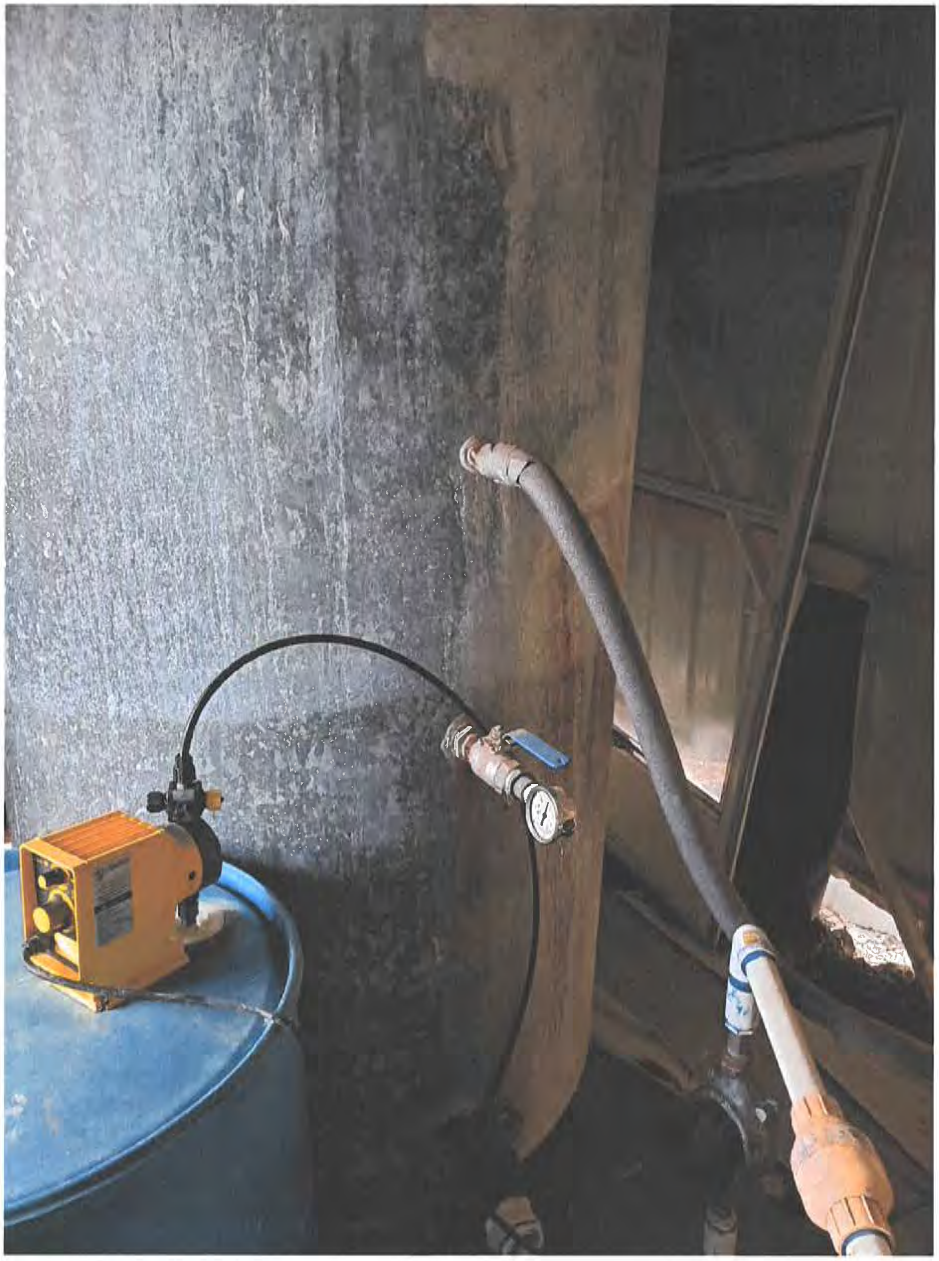
Respectfully,

Teresa Benton

Teresa Benton, R.S.
RTCR Compliance Manager

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

Attachments



Attachment #1

Severity: Minor

Category: Finished Water Storage

Attachment Comments: A sight glass is needed.

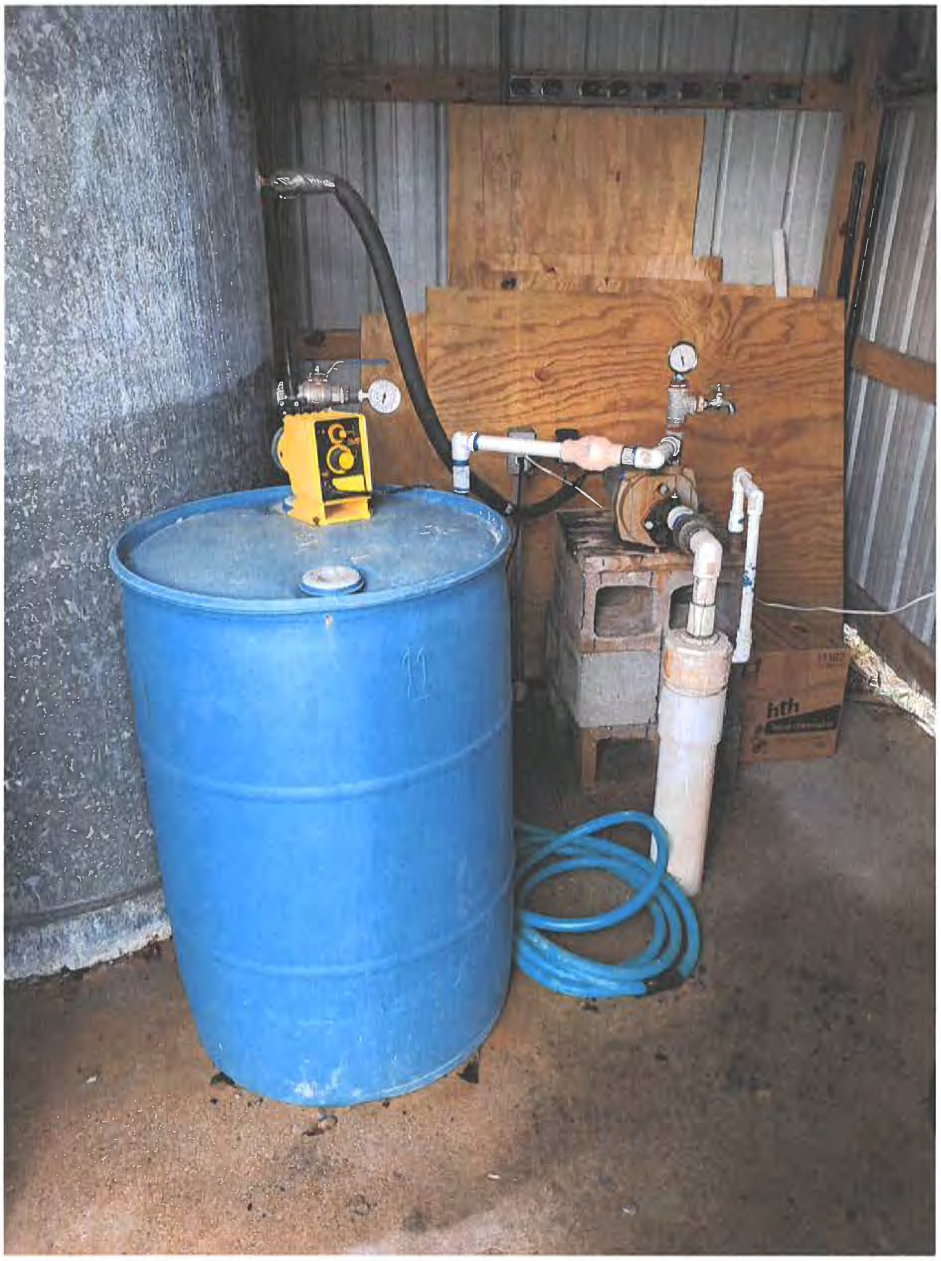


Attachment #2

Severity: Minor

Category: Treatment

Attachment Comments: A ventilating fan near the floor, air inlets near the ceiling, and a signal light with indicating ventilating fan operation is needed.



Attachment #3

Severity: Minor

Category: Treatment

Attachment Comments: All chemicals should be fully labeled and meet ANSI/NSF 60 labeling requirements. Calibration tube for the sodium hypochlorite chemical feed pump is needed.

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 2903)

JUNE 7, 2019

Larry Ponder
FAMILY COURT MOBILE HOME PARK
P O Box 87
St Amant, LA 70774

Re: Class I Sanitary Survey
FAMILY COURT MOBILE HOME PARK Public Water System
PWS ID LA1005118
ASCENSION Parish

Dear Mr. Ponder:

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 FAMILY COURT 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
Ryan Farlow	LDH Engineering District II
Larry Ponder	Family Court 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/14/2014	07/03/2014	Sample collection	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: Not all designated bacteriological sampling taps are smooth nuzzled. Install smooth nuzzled taps at sampling points.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/14/2014	06/04/2014	Sanitary Survey, Finished	Minor	Source	1005118-001-FAMILY COURT MOBILE HOME PARK WELL
Comments: There is no secondary source.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	A valve stated to be used for flushing is positioned in an upright positions and unprotected. 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. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
TP001 - WELL 1 TP	Treatment	Chemical Tank not labeled. 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. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
1005118-001 - FAMILY COURT MOBILE HOME PARK WELL	Source	A second well is on site, but is not connected for service. LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply, 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. **See Attachment #2**

FACILITY	CATEGORY	FINDINGS
1005118-001 - FAMILY COURT MOBILE HOME PARK WELL	Source	Well is capped with an unapproved cap. The valve cap presents a pathway for contamination. **See Attachment #3**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Records were not kept for the required time frame. 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.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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	Exposed wires can cause personal safety or electrical risk. 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, **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

Category: System Management and Operation

Attachment Comments: Exposed wires can cause personal safety or electrical risk.

Office of Public Health • Capitol Region II

P.O. Box 4489 • Baton Rouge, Louisiana 70821

Phone #: 225-342-7499 • Fax #: 225-342-7607 • www.ldh.la.gov

"An Equal Opportunity Employer"



Attachment #2

Severity: Significant

Facility ID: FAMILY COURT MOBILE HOME PARK WELL

Category: Source

Attachment Comments: A second well is on site, but is not connected for service.



Attachment #3

Severity: Significant

Facility ID: FAMILY COURT MOBILE HOME PARK WELL

Category: Source

Attachment Comments: Well is capped with an unapproved cap. The valve cap presents a pathway for contamination.



Attachment #4

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: A valve stated to be used for flushing is positioned in a upright positions and unprotected



Attachment #5

Severity: Significant

Facility ID: WELL 1 TP

Category: Treatment

Attachment Comments: Chemical Tank not labeled.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL:7018 1830 0001 0580 9179

July 23, 2019

Sammy Juneau
PLANTATION MOBILE HOME VILLAGE
12006 River Highlands Drive
St. Amant, LA 70774

Re: Class I Sanitary Survey
PLANTATION MOBILE HOME VILLAGE Public Water System
PWS ID LA1005148
ASCENSION Parish

Dear Mr. Juneau:

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 PLANTATION 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
Clark Broussard	LDH/OPH Region II Engineering
Troy Canter	Plantation Mobile Home Village 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
05/12/2011	05/18/2011	Sanitary Survey, Finished	Minor	Source	1005148-001-PLANTATION MH VILLAGE WELL
Comments: The water system has 1 ground water well. It is not interconnected with another water system.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	During the survey, it was noted that the well was leaking through the well vent. It is possible that this is due to a failed check valve in the well shaft. Repairs to the cause of the leakage should be made as soon as possible. LAC 51:XII.319 requires that 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
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the survey, no cross connection control ordinance or rule was in place at the water system. As called for in 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 - CHLORINATOR	Treatment	During the inspection of the treatment equipment for the water system it was noted that the chemical feed pump settings did not allow for adjustment as at least one of the knobs was turned to maximum. A properly sized pump, as called for in LAC 51:XII.319.D.17, shall be provided for chemical supply to the water system.
FACILITY	CATEGORY	FINDINGS
TP001 - CHLORINATOR	Treatment	The liquid bleach being utilized at the time of inspection was not an NSF certified product. LAC 51:XII.325.A requires that 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
1005148-001 - PLANTATION MH VILLAGE WELL	Source	Plantation Mobile Home Village, at the time of inspection, was only connected to one source of groundwater. As required in LAC 51:XII.169.B.2, when groundwater is the only source of water supply for any

		community water supply 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
1005148-001 - PLANTATION MH VILLAGE 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. It was noted during the survey that the well vent was piped directly into a discharge pipe with no air gap to prevent backflow or backsiphonage into the well casing and ultimately the aquifer. **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Daily operational records and residual test results were not being kept for the Plantation Mobile Home Village Water System. 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.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this

letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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: Significant

Facility ID: PLANTATION MH VILLAGE WELL

Category: Source

Attachment 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. It was noted during the survey that the well vent was piped directly into a discharge pipe with no air gap to prevent backflow or backsiphonage into the well casing and ultimately the aquifer.

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 5751

September 10, 2019

Calvin Stafford
PINE TRAILER PARK
43348 Elmo Cannon Rd
Gonzales, LA 70737

Re: Class I Sanitary Survey
PINE TRAILER PARK Public Water System
PWS ID LA1005152
ASCENSION Parish

Dear Mr. Stafford:

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 PINE 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
Teresa Benton	LDH/OPH District II 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/05/2017	07/12/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: Chlorine residuals shall be taken daily and records maintained on the form approved by the state health officer and maintained for a period of three years. The chlorine residual should be taken at the entry point of the distribution system and point of maximum residence time.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
04/26/2011	05/18/2011	Sanitary Survey, Finished	Significant	System Management and Operation	Management
Comments: There was no daily record of chlorine residual measurements on site at the time of inspection.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
04/26/2011	05/18/2011	Sanitary Survey, Finished	Significant	Treatment	TP001-CHLORINATOR
Comments: There was no approved chlorine test kit on site for measurement of chlorine residual.					

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. At the time of inspection some of your TCR sites needed to be updated in the Monitoring Portal.

FACILITY	CATEGORY	FINDINGS
1005152-001 - PINE TRAILER PARK WELL	Source	A minimum of two sources of groundwater shall be provided. There is only one primary well on site for the water system. Prior to any source being added, plans shall be submitted and approval shall be granted by the District 2 Office.

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 that requires public notification by the public water supply and an administrative enforcement action by the EPA/DHH against the public water supply. At the time of the inspection, Lot 2 and Lot 17 sample taps used for total coliform monitoring had a nozzle that terminates about 6 inches from the ground. Nozzles for all sample taps must terminate at least 12 inches above the ground, floor, or any other surface or object. The taps must allow for filling of sample containers without contaminating the container. **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.

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.

FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of the survey the light in the well/chlorine room was inoperable. Replacement or repair of the light is recommended. **See Attachment #1**
Management	Other	Due to all of the trailers not being occupied it is recommended that you all get an affidavit stating that you all have plugged and abandoned enough sites to no longer meet the definition of a water system *or* that you have tied into and are a customer of an approved PWS.
Management	Other	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.
Management	Other	Develop and implement a written inspection program for the hydro-pneumatic tank. The exterior and interior of large hydro-pneumatic 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.
Management	Other	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 – 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

Violation Number	Violation Date	Analyte	Compliance Period
2003664	08/01/2018	LEAD & COPPER RULE	01/01/2018 - 06/30/2018
2003671	02/11/2019	LEAD & COPPER RULE	07/01/2018 - 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
2003677	06/06/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	06/01/2019 - 06/30/2019
2003656	05/09/2019	FAILURE ADDRESS DEFICIENCY (GWR)	
2003676	05/09/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	05/01/2019 - 05/31/2019
2003675	04/02/2019	CCR REPORT	
2003674	03/19/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	03/01/2019 - 03/31/2019
2003672	02/13/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	02/01/2019 - 02/28/2019
2003670	02/07/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
2003669	12/07/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	
2003668	08/29/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	08/01/2018 - 08/31/2018
2003667	08/28/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	07/01/2018 - 07/31/2018
2003665	08/02/2018	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 225/342-7598.

Respectfully,

Teresa Benton

Teresa Benton, R.S.
District II Compliance Mgr.

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

Attachments



Attachment #1

Severity: Recommendations

Category: Other

Attachment Comments: The light is not working. The bulb needs to be replaced or repaired.





Attachment #2

Severity: Minor

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: The sample taps at lots 2 and 17 need to be at least 12 inches above the ground to allow for filling of sample containers without contaminating the container.

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 3863

September 25, 2019

Ascension Water Company
Marantha Acres Subdivision
P.O. Box 96016
Baton Rouge, LA 70896

Re: Class I Sanitary Survey
MARANATHA ACRES SUBDIVISION Public Water System
PWS ID LA1005153
ASCENSION Parish

Dear Ascension Water Company:

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 MARANATHA ACRES 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
Ryan Farlow	LDH Engineering District II
Lawrence Carr	Baton Rouge 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
08/26/2011	08/26/2011	Sanitary Survey, Finished	Minor	Source	1005153-001-MARANTHA ACRES WELL
Comments: There is only one primary well on site for Marantha Acres Water System. A minimum of two sources of groundwater shall be provided. Prior to any source being added, plans shall be submitted and approval shall be granted by the District 2 Office.					

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.

1. Well slab is in a flood prone area. It is recommended to take measures to prevent well from future flooding.
2. 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.
3. 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 – 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

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health
CERTIFIED MAIL: 7016 0600 0001 0579 3269

March 11, 2019

Fred Robillard
OAK VILLAGE MOBILE HOME PARK WS
15016 Florida Blvd
Baton Rouge, LA 70819
East Baton Rouge

Re: Class I Sanitary Survey
OAK VILLAGE MOBILE HOME PARK WS Public Water System
PWS ID LA1005171
ASCENSION Parish

Dear Mr. Robillard:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 8, 2019 sanitary survey inspection of the public water supply system for OAK VILLAGE MOBILE HOME 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
Ryan Farlow	LDH/ OPH Region 2 Engineering
Raymond Haar	Oak Village Mobile Home Park
John Ramer	LDH/ OPH Region 2 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	At time of the survey, there was evidence of rust of the Hydromantic tank and joints in the well house. Without maintenance there can be failure to the system. **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
Management	System Management and Operation	At time of inspection, no secondary source of power was noted. 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
1005171-001 - OAK VILLAGE MHP WELL	Source	At Time of the survey, only one well was servicing the system without a connection to another water system. 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
Management	System Management and Operation	All electrical work shall conform to the requirements of the National Electric code or to relevant state and/or local codes. **See Attachment #5** LAC 51:XII.133.B - The design of all electrical work for new facilities or modifications to existing facilities shall conform to the applicable requirements of the State Uniform Construction Code, LAC 17:I and any other applicable local code(s) which may have stricter requirements.
FACILITY	CATEGORY	FINDINGS
TP001 - OAK VILLAGE MOBILE HOME	Treatment	A means which is consistent with the nature of chemical solution shall be provided to maintain uniform strength of solution in a day tank. The pathway for contamination into the Chlorine tank needs to eliminated, so that the Chlorine does not degrade from the contamination. **See Attachment #4** **LAC 51:XII.203.I.3** Chemicals shall be stored in covered or unopened shipping containers, unless the chemical is transferred into an approved storage unit.
FACILITY	CATEGORY	FINDINGS
TP001 - OAK VILLAGE MOBILE HOME	Treatment	Tanks and tank refilling line entry points shall be clearly labeled with the name of the chemical contained. **See Attachment #3** **LAC 51:XII.203.K.3.E** - Tanks and tank refilling line entry points shall be clearly labeled with the name of the chemical contained.
FACILITY	CATEGORY	FINDINGS
1005171-001 - OAK VILLAGE MHP 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. **See Attachment #2** **LAC 51:XII.169.H.3.vi -** 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

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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. **See Attachment #6**

Written Response Required

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

Violation Number	Violation Date	Violation Type	Compliance Period
2011116	09/10/2018	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 225-342-9163.

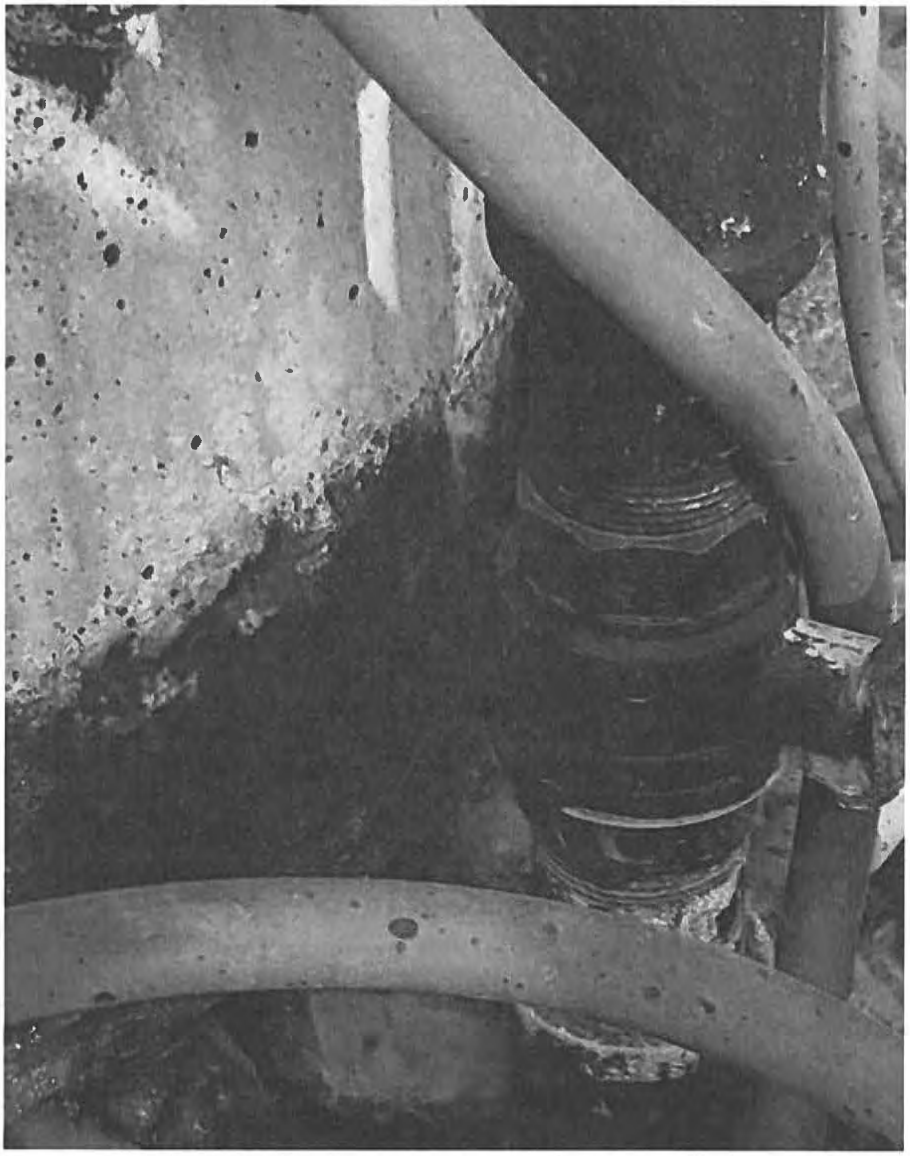
Respectfully,



Ryan Farlow, R.S.
District Compliance

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

Attachments

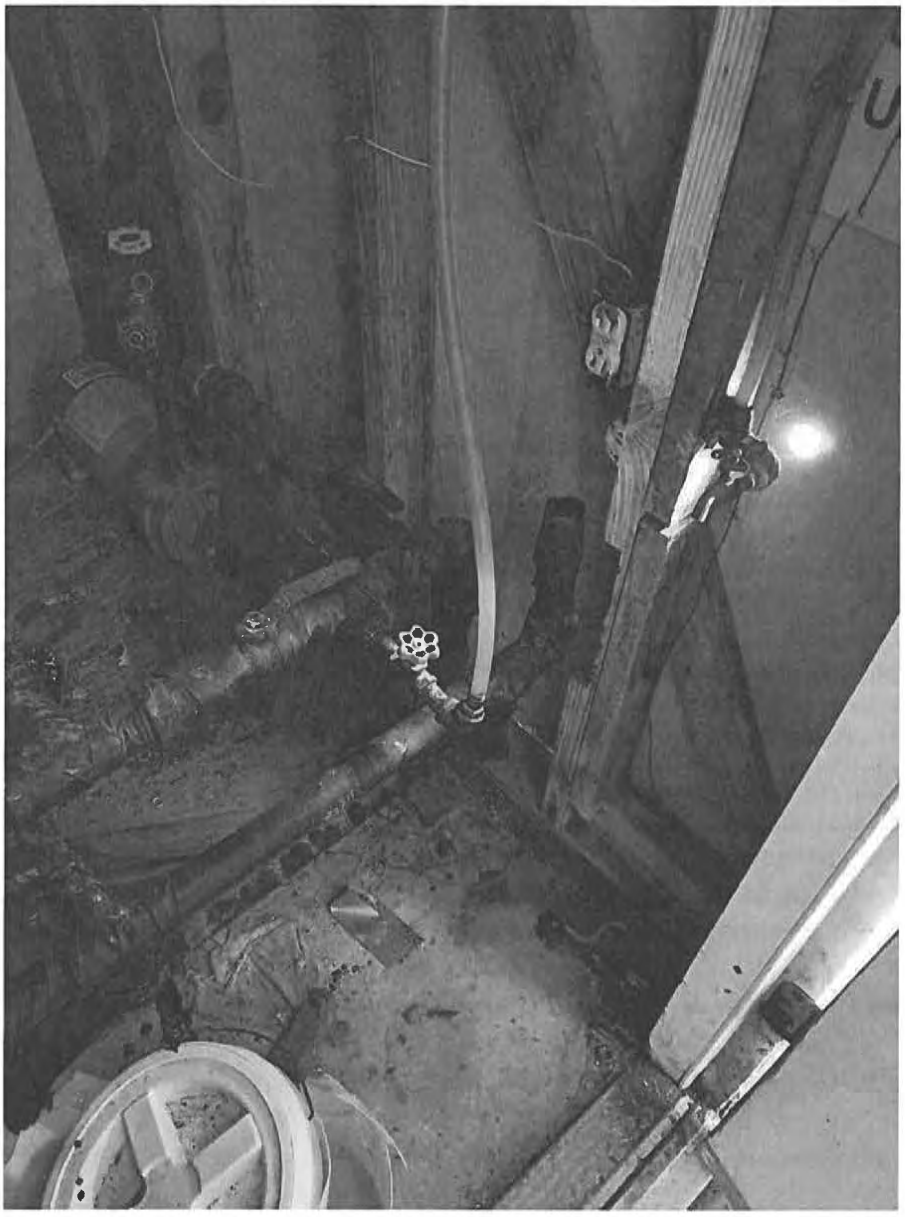


Attachment #1

Severity: Significant

Category: Other

Attachment 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. At time of the survey, there was evidence of rust of the Hydromantic tank and joints in the well house. Without maintenance there can be failure to the system.



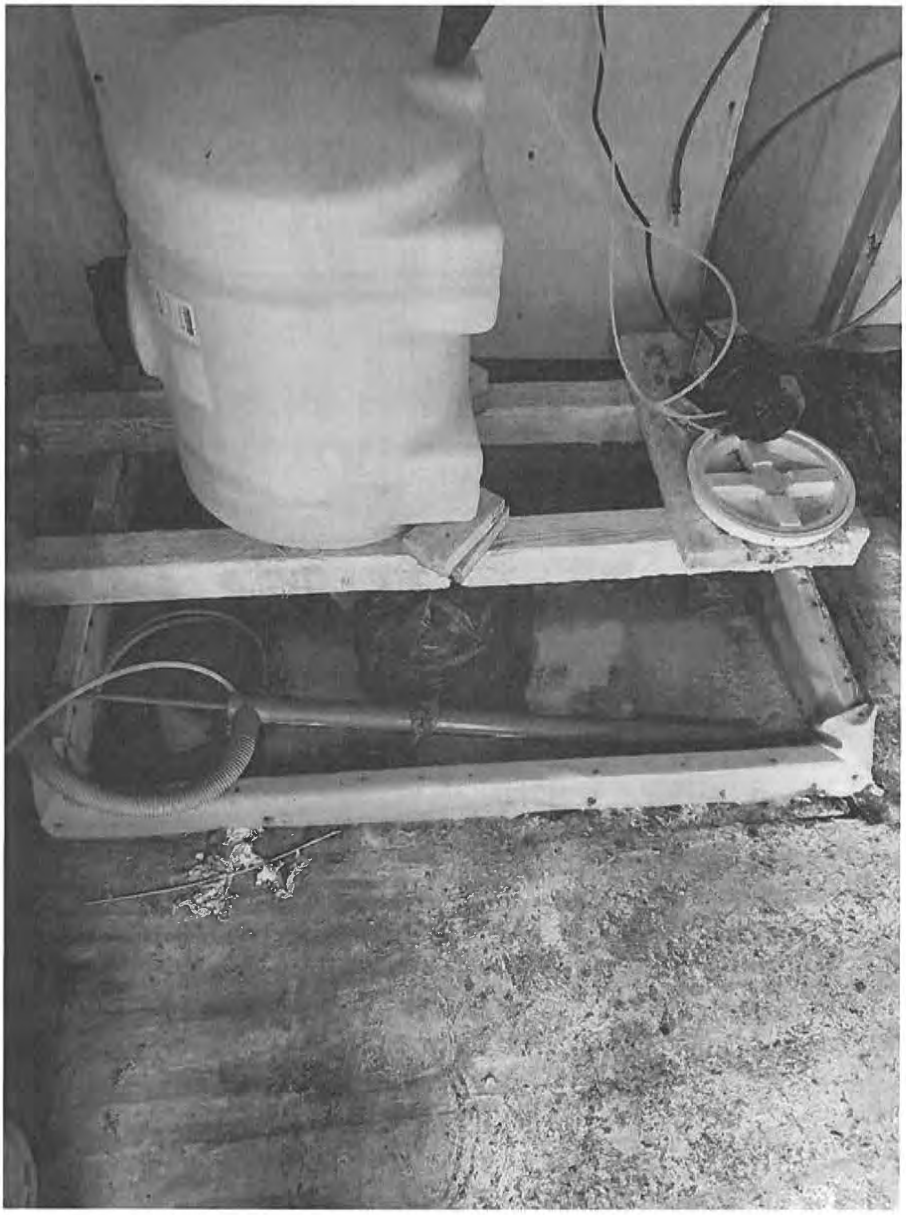
Attachment #2

Severity: Minor

Facility ID: OAK VILLAGE MHP WELL

Category: Source

Attachment Comments: 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.



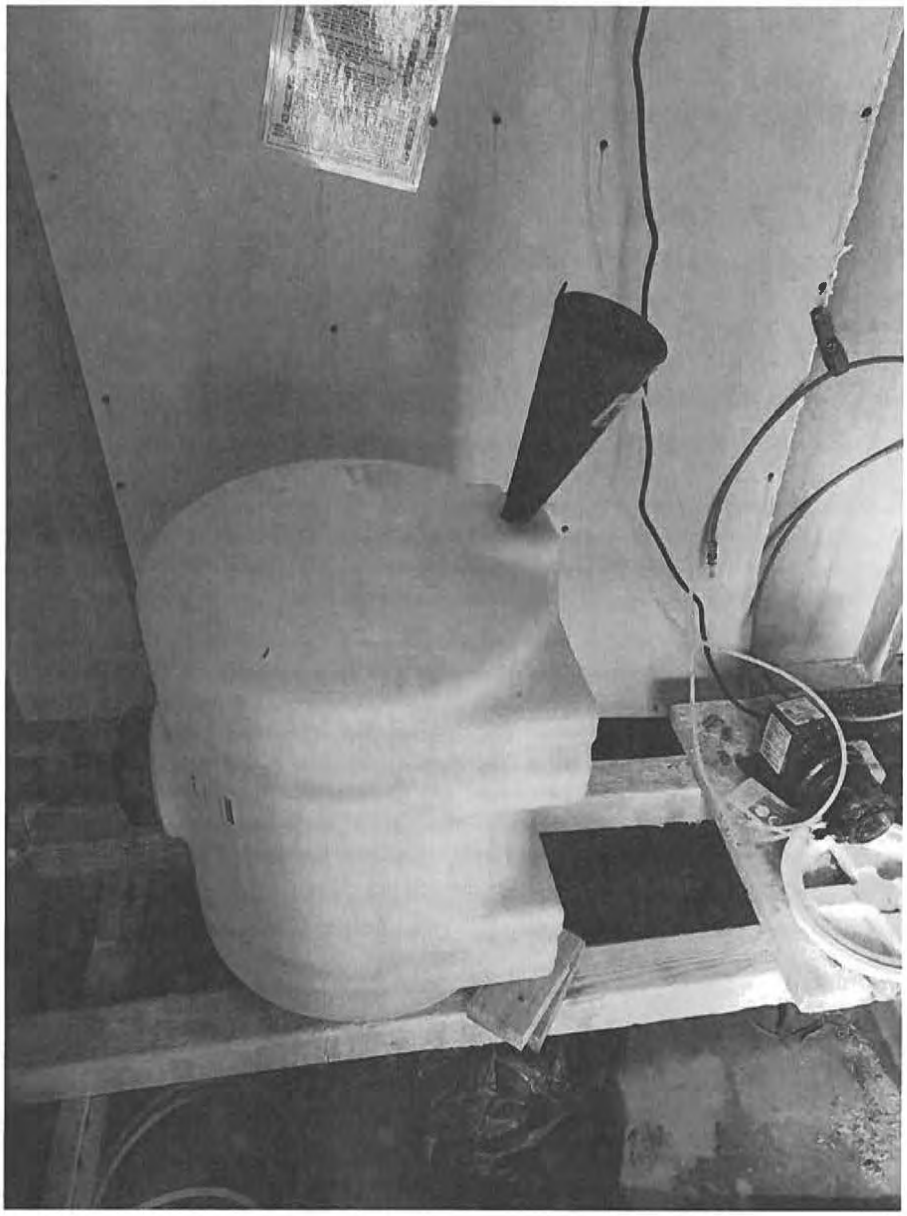
Attachment #3

Severity: Minor

Facility ID: OAK VILLAGE MOBILE HOME

Category: Treatment

Attachment Comments: Tanks and tank refilling line entry points shall be clearly labeled with the name of the chemical contained.



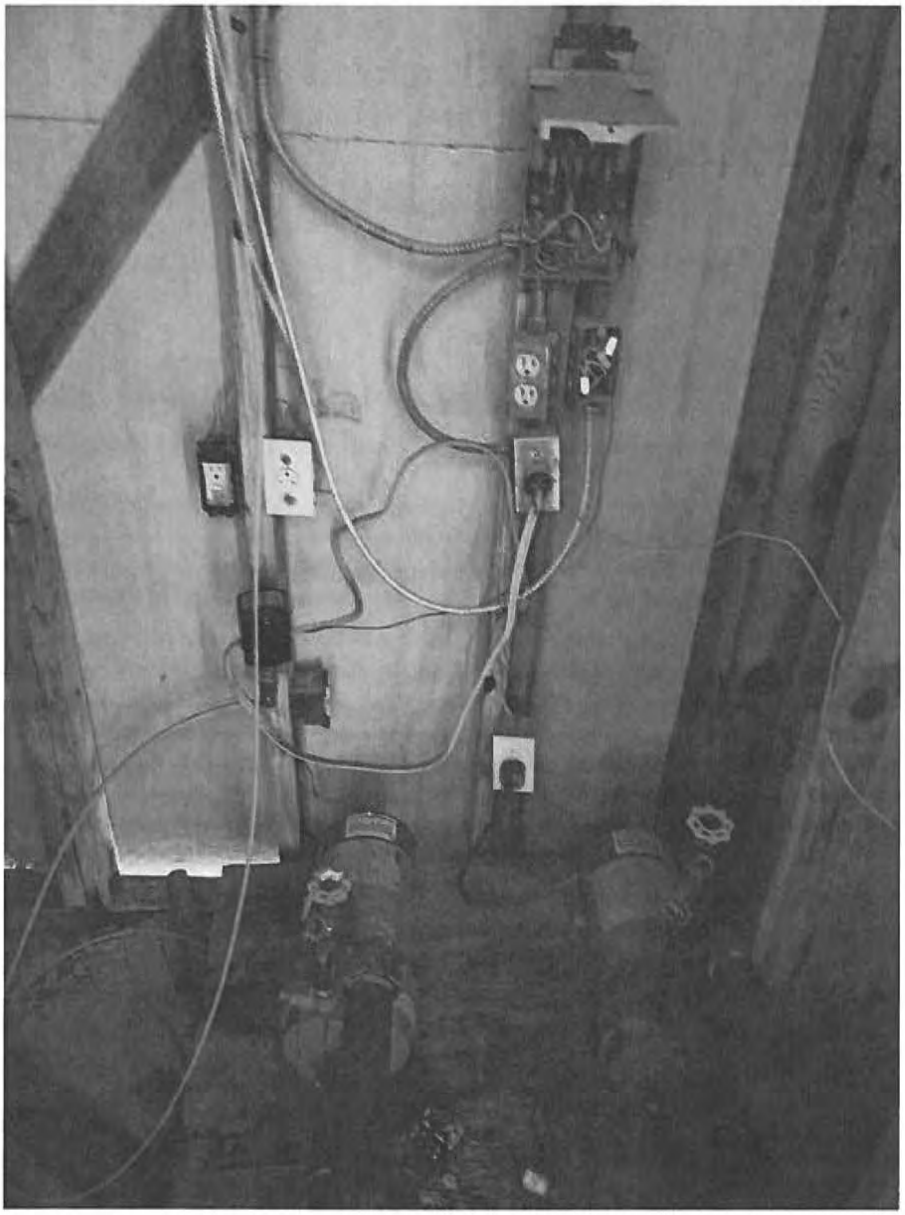
Attachment #4

Severity: Minor

Facility ID: OAK VILLAGE MOBILE HOME

Category: Treatment

Attachment Comments: A means which is consistent with the nature of chemical solution shall be provided to maintain uniform strength of solution in a day tank. The pathway for contamination into the Chlorine tank needs to eliminated, so that the Chlorine does not degrade from the contamination.

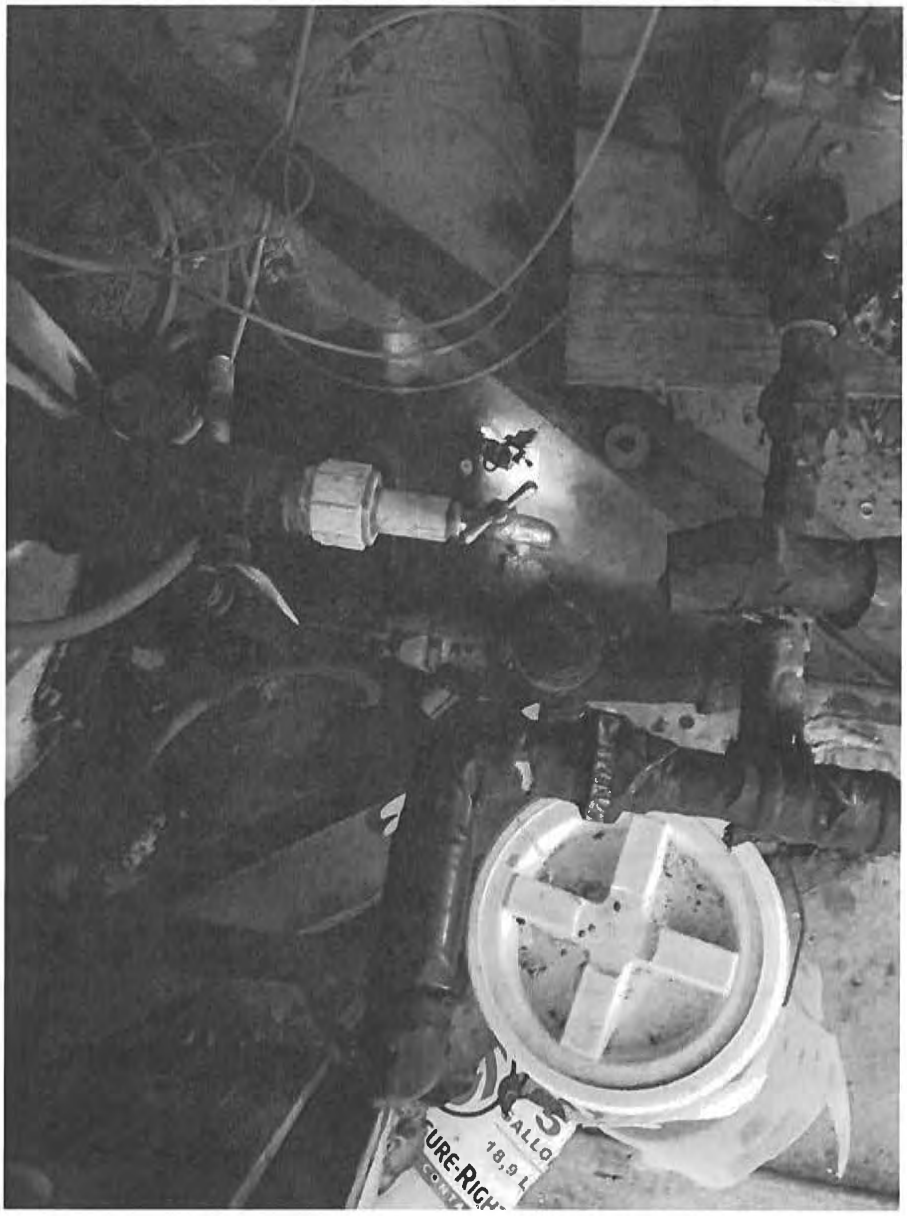


Attachment #5

Severity: Minor

Category: System Management and Operation

Attachment Comments: All electrical work shall conform to the requirements of the National Electric code or to relevant state and/or local codes.



Attachment #6

Severity: Recommendations

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: 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.

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 1005

December 9, 2019

Danny Leblanc
TREYVILLE COURTS TRAILER PARK
P O Box 459
St Amant, LA 70774

Re: Class I Sanitary Survey
TREYVILLE COURTS TRAILER PARK Public Water System
PWS ID LA1005175
ASCENSION Parish

Dear Mr. Leblanc:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 11, 2019 sanitary survey inspection of the public water supply system for TREYVILLE COURTS 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
Teresa Benton	LDH\OPH Engineering Services
Troy Canter	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.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1005175-001 - TREYVILLE COURTS T.P. WELL	Source	At the time of inspection, there was no secondary source of water. Provide a secondary source of groundwater. 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 (if not a second well, connection to another approved water supply of sufficient capacity) shall be provided, unless a LDH-approved annual public notice is provided to customers.
FACILITY	CATEGORY	FINDINGS
1005175-001 - TREYVILLE COURTS T.P. WELL	Source	At the time of the inspection, there was standing water near the piping. Grade the well site to prevent standing water and facilitate drainage away from the well. **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... shall be maintained to prevent the introduction of contamination into the well casing and discharge piping.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	There were no records on file at the time of the inspection. 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.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	There were no records on file at the time of the inspection. 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.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the inspection, some of the sample taps used for total coliform monitoring/DBP collection had a nozzle that terminates about 6 inches from the ground. Nozzles for all sample taps must terminate at least 12 inches above the ground, floor, or any other surface or object. The taps must allow for filling of sample containers without contaminating the container. **See Attachment #2** 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 that requires public notification by the public water supply and an administrative enforcement action by the EPA/DHH against the public water supply.
FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC	Finished Water Storage	At the time of inspection, there was no water sight glass present on the hydro pneumatic tank. Provide a water sight glass. **See Attachment #3** 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	At the time of inspection, there was no calibration tube for the sodium hypochlorite chemical feed pump. Provide a calibration tube or mass flow monitor. **See attachment #4** LAC 51:XII 209.D.2.d - Calibration tubes or mass flow monitors which allow for direct physical checking of actual feed rates shall be provided.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	At the time of inspection, there was no ventilating fan or signal light. Provide a ventilating fan near the floor, air inlets near the ceiling, and a signal light with indicating ventilating fan operation. LAC 51:XII 209.A.3.d-h. - Feed and storage rooms shall be constructed so as to meet the following requirements: d. a ventilating fan with a capacity to complete one air change per minute when the room is occupied; where

		this is not appropriate due to the size of the room, a lesser rate may be considered; e. the ventilating fan shall take suction near the floor and as great a distance as is practical from the door and air inlet, with the point of discharge located so as not to contaminate air inlets to any rooms or structures; f. air inlets with corrosion resistant louvers shall be installed near the ceiling; air intake and exhaust louvers shall facilitate airtight closure; 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
TP001 - TREATMENT PLANT	Treatment	At the time of visit, there were no chemical labels. Ensure shipping containers are fully labeled, meeting ANSI/NSF 60 labeling requirements. **See Attachment #4.** 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.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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, an electrical socket plate was missing. Provide an electrical socket plate. **See Attachment #5.** 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: 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 225/242-7598.

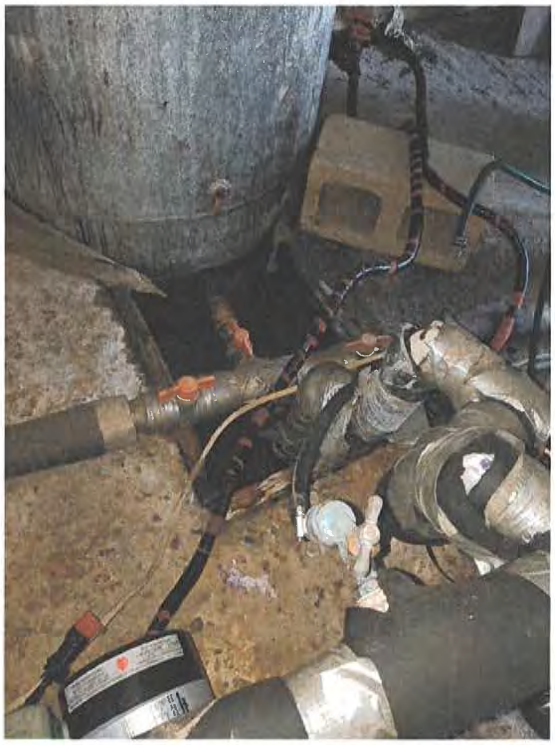
Respectfully,

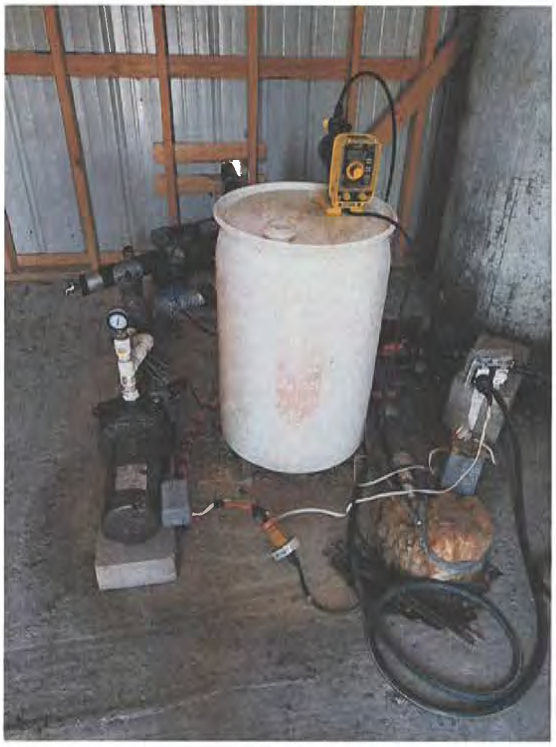
Teresa Benton

Teresa Benton, R.S.
RTCR Compliance Manager

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

Attachments





Attachment #1

Severity: Significant

Category: Source

Attachment Comments: Grade the well site to prevent standing water and facilitate drainage away from the well.



Attachment #2

Severity: Minor

Category: Distribution System

Attachment Comments: Nozzles for all sample taps must terminate at least 12 inches above the ground, floor, or any other surface or object. The taps must allow for filling of sample containers without contaminating the container.

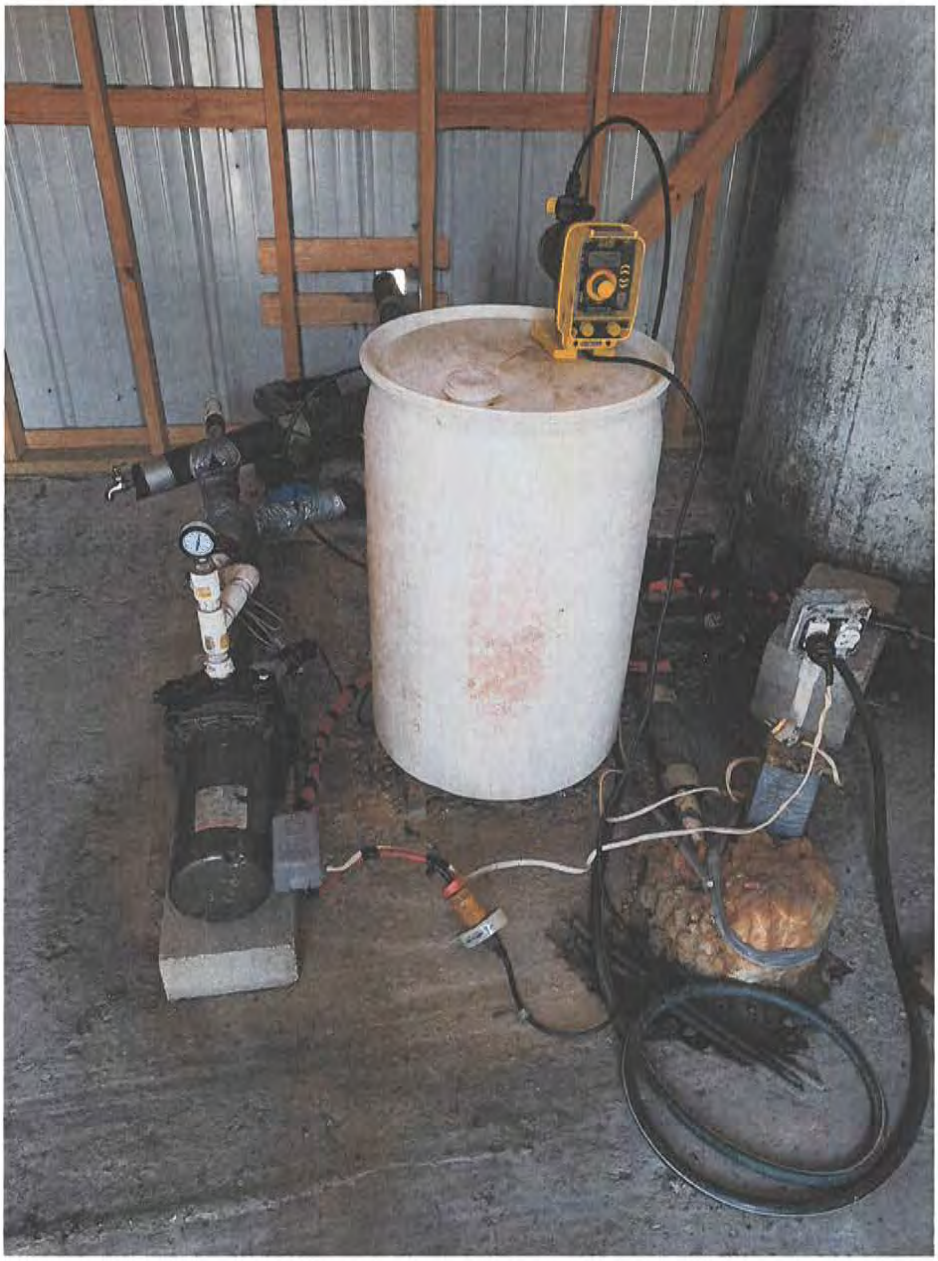


Attachment #3

Severity: Minor

Category: Finished Water Storage

Attachment Comments: There was no water sight glass present on the hydro pneumatic tank.

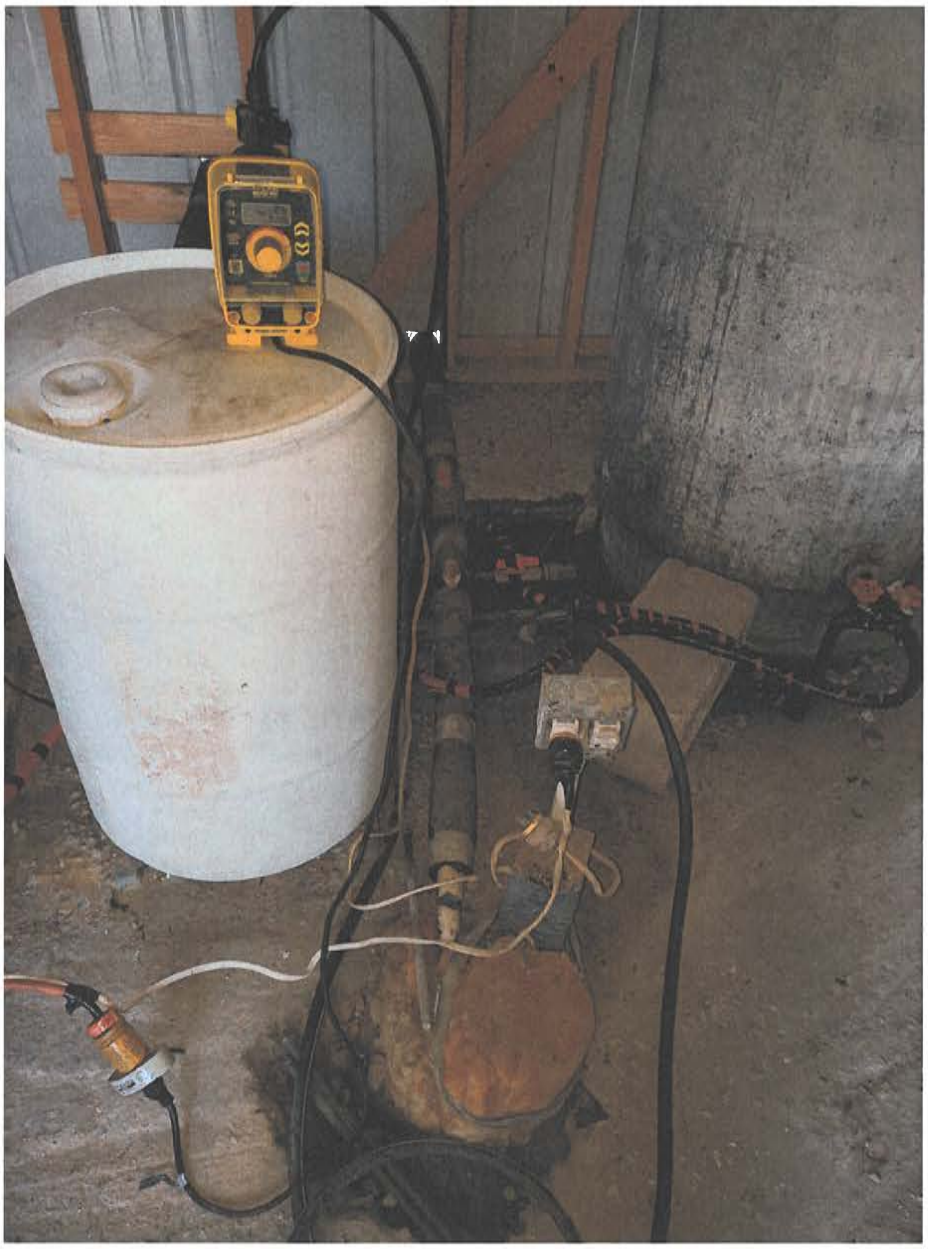


Attachment #4

Severity: Minor

Category: Treatment

Attachment Comments: All chemicals should be fully labeled and meet ANSI/NSF 60 labeling requirements. Calibration tube for the sodium hypochlorite chemical feed pump is needed.



Attachment #5

Severity: Minor

Category: System Management and Operation

Attachment Comments: Electrical Socket Plate is in disrepair.

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 3030)

June 18, 2019

Darell Landry
COUNTRYVIEW MOBILE HOME COURT
38406 West Airline Ave.
Prairieville, LA 70769

Re: Class I Sanitary Survey
COUNTRYVIEW MOBILE HOME COURT Public Water System
PWS ID LA1005202
ASCENSION Parish

Dear Mr. Landry:

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 COUNTRYVIEW MOBILE HOME COURT (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection. At the time of the survey, David Rhodus was making repairs to the well due to the high water table causing flooding of the well. This situation was taken into account during the survey.

Parties Present

Name	Organization
Ryan Farlow	LDH Engineering District II
David Rhodus	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
07/27/2011	08/25/2011	Sanitary Survey, Finished	Minor	Source	1005202-001-COUNTRYVIEW MHP WELL
Comments: There is only one primary well on site for the mobile home court.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	At the time of the survey, no standby power was noticed. 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
1005202-001 - COUNTRYVIEW MHP WELL	Source	At the time of the survey well piping was leaking and when well started water around the leaked area was sucked into the well. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1005202-001 - COUNTRYVIEW MHP WELL	Source	Only one well for system. 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
HD-001 - HYDROPNEUMATIC STORAGE TANK	Finished Water Storage	At the time of the survey no water sight glass or means for adding air were noted 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.
FACILITY	CATEGORY	FINDINGS
1005202-001 - COUNTRYVIEW MHP WELL	Source	At the time of the survey, no flow meter was installed **See Attachment #2** 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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to 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	During the survey electrical box and wires were exposed as repairs were being made. Pole containing the power box was tied to the fence and unsafe. An underground power line to the building or a more secure pole is recommended. **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: 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

Violation Number	Violation Date	Violation Type	Compliance Period
121	02/22/2019	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 225-342-9163.

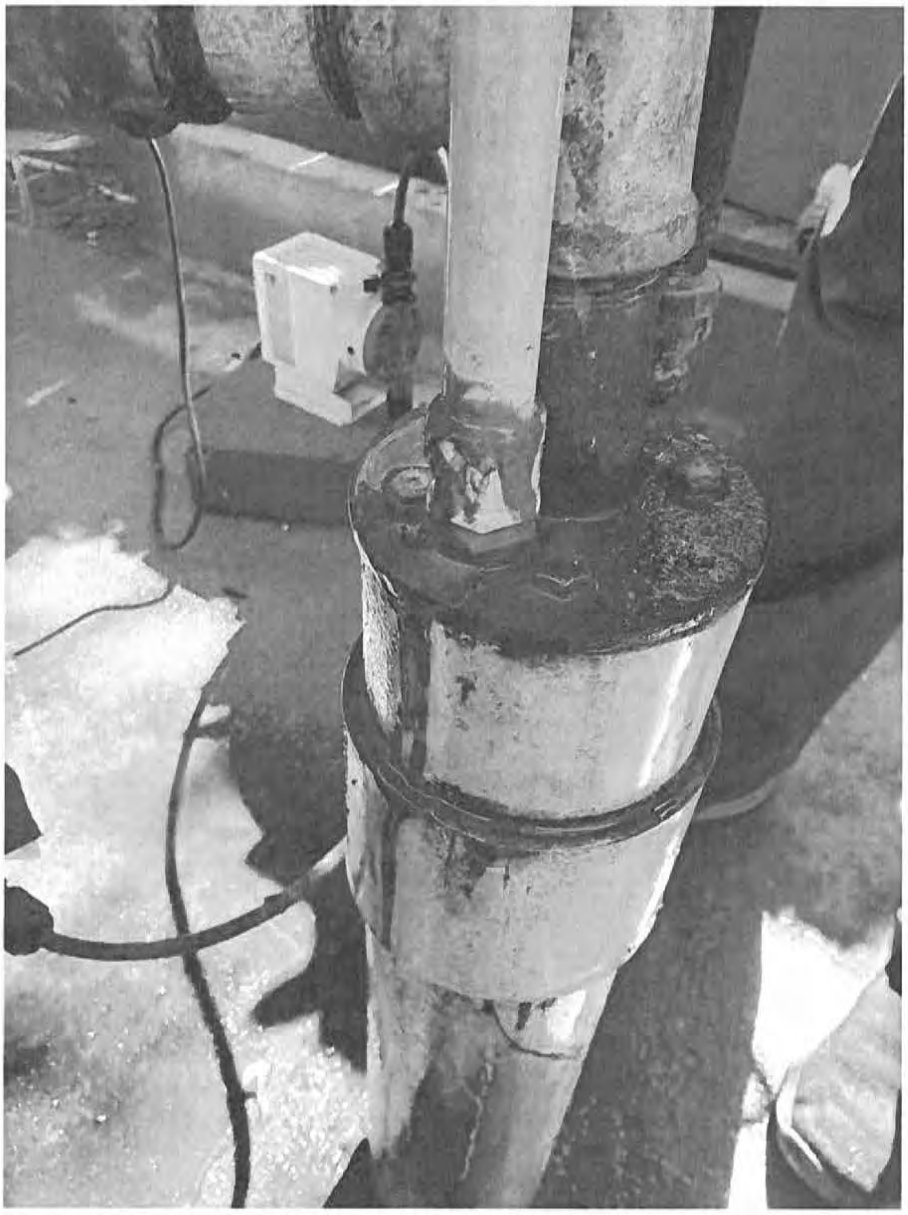
Respectfully,



Ryan Farlow, R.S.
District Compliance

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

Attachments



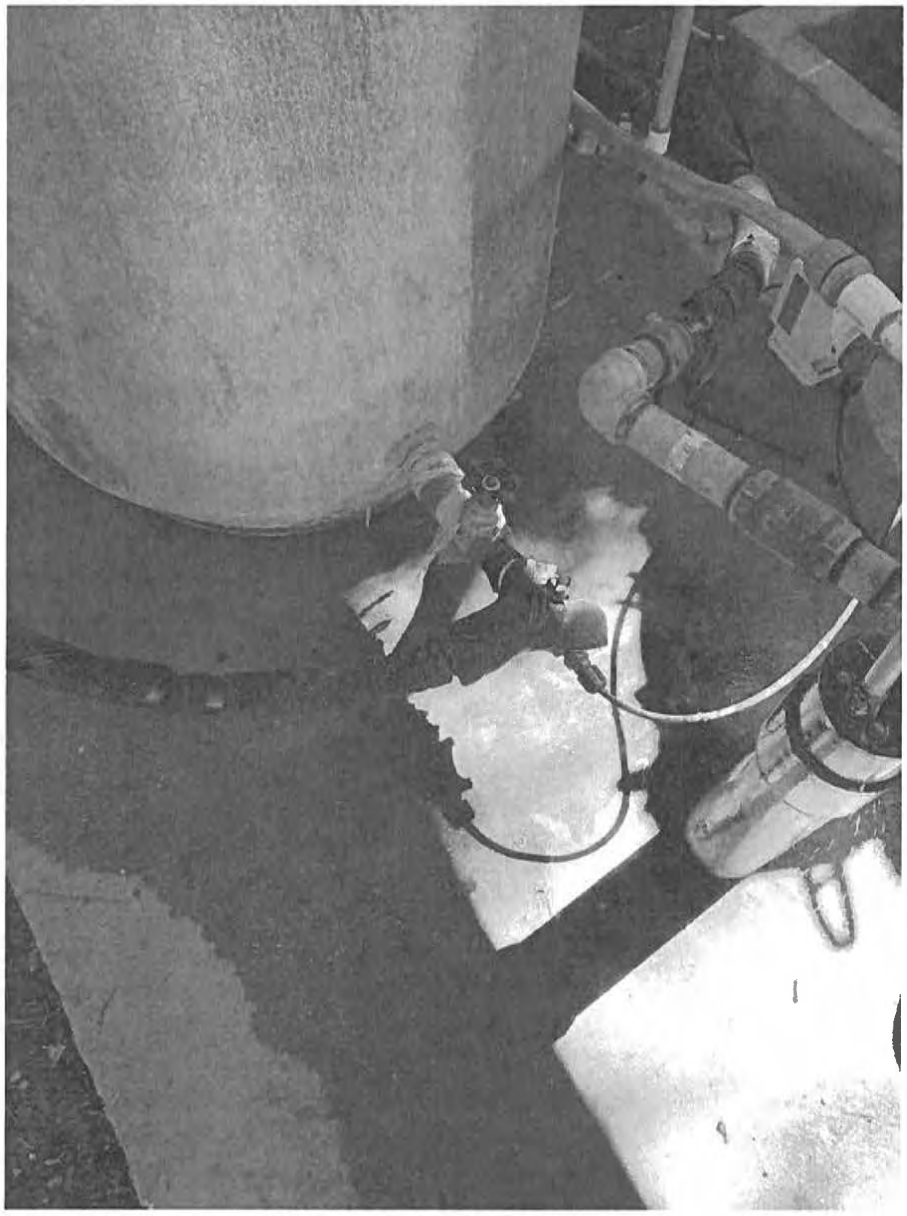
Attachment #1

Severity: Significant

Facility ID: COUNTRYVIEW MHP WELL

Category: Source

Attachment Comments: At the time of the survey well piping was leaking and when well started water around the leaked area was sucked into the well.



Attachment #2

Severity: Minor

Facility ID: COUNTRYVIEW MHP WELL

Category: Source

Attachment Comments: At the time of the survey, no flow meter was installed



Attachment #3

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: During the survey electrical box and wires were exposed as repairs were being made. Pole containing the power box was tied to the fence and unsafe. An underground power line to the building or a more secure pole is recommended.

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 6468

March 28, 2019

Parrish Valega
DIVERSION WATER - RIVER RUN ESTATES
P.O. Box 569
Prairieville, LA 70769

Re: Class I Sanitary Survey
DIVERSION WATER - RIVER RUN ESTATES Public Water System
PWS ID LA1005206
ASCENSION Parish

Dear Mr. Valega:

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 DIVERSION WATER - RIVER RUN 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
Teresa Benton	LDH/OPH/District II Engineering Services
Parrish Valega	Diversion 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.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC STORAGE TANK	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. At the time of the inspection, the sight glass was in disrepair. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
TP001 - RIVER RUN ESTATES TREATMENT PLANT	Treatment	Chemical shipping containers shall be fully labeled to include chemical name, purity and concentration, and supplier name and address. At the time of the inspection the chemical TMB 461 was not labeled correctly. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
TP001 - RIVER RUN ESTATES TREATMENT PLANT	Treatment	There is no calibration column provided for the Sodium Hypochlorite chemical feed pump. This is needed to accurately perform dosage calculations. **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 – 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 225/342-7598.

Respectfully,

Teresa Benton

Teresa Benton, R.S.
District II Compliance Mgr.

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

Attachments



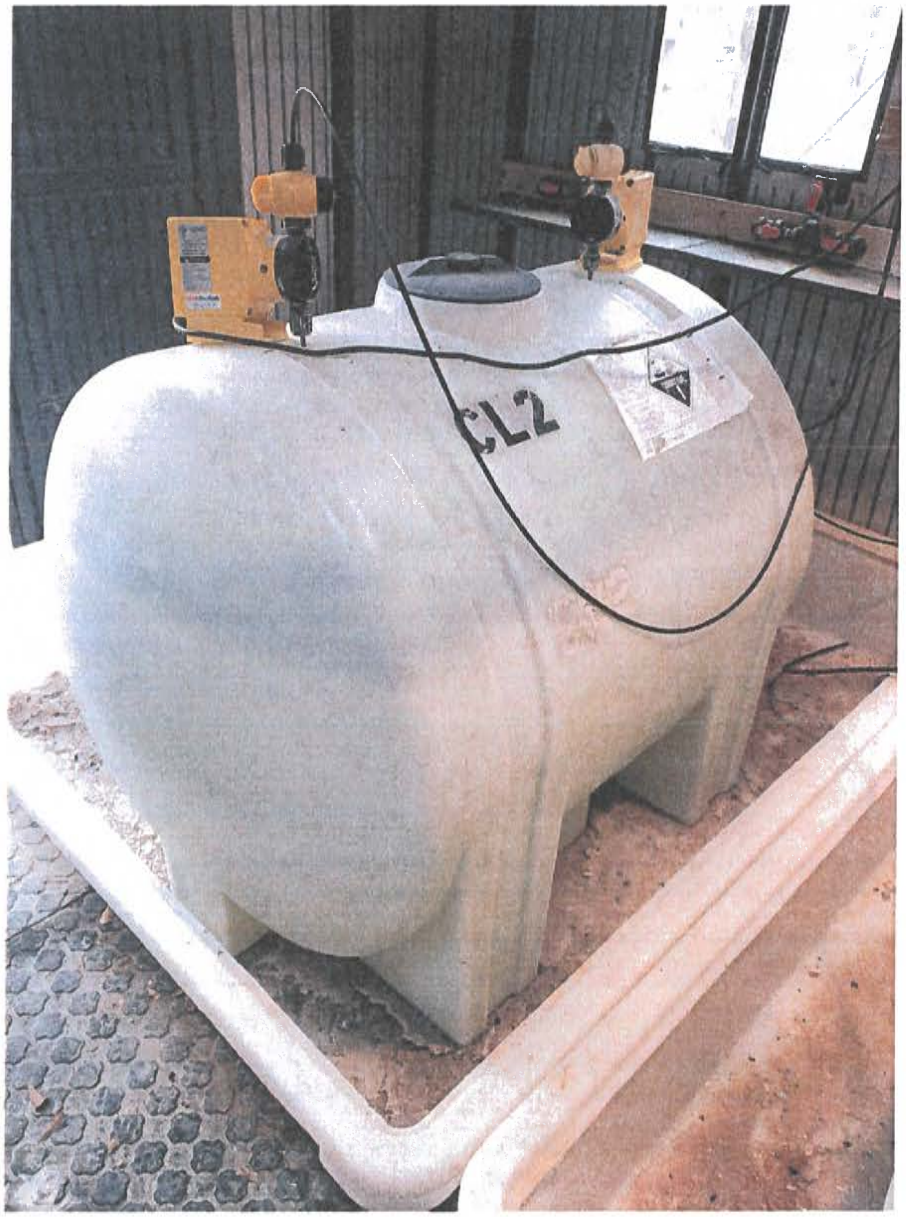
Attachment #1

Severity: Minor

Facility ID: HYDROPNEUMATIC STORAGE TANK

Category: Finished Water Storage

Attachment Comments: The sight glass is in need of repair.



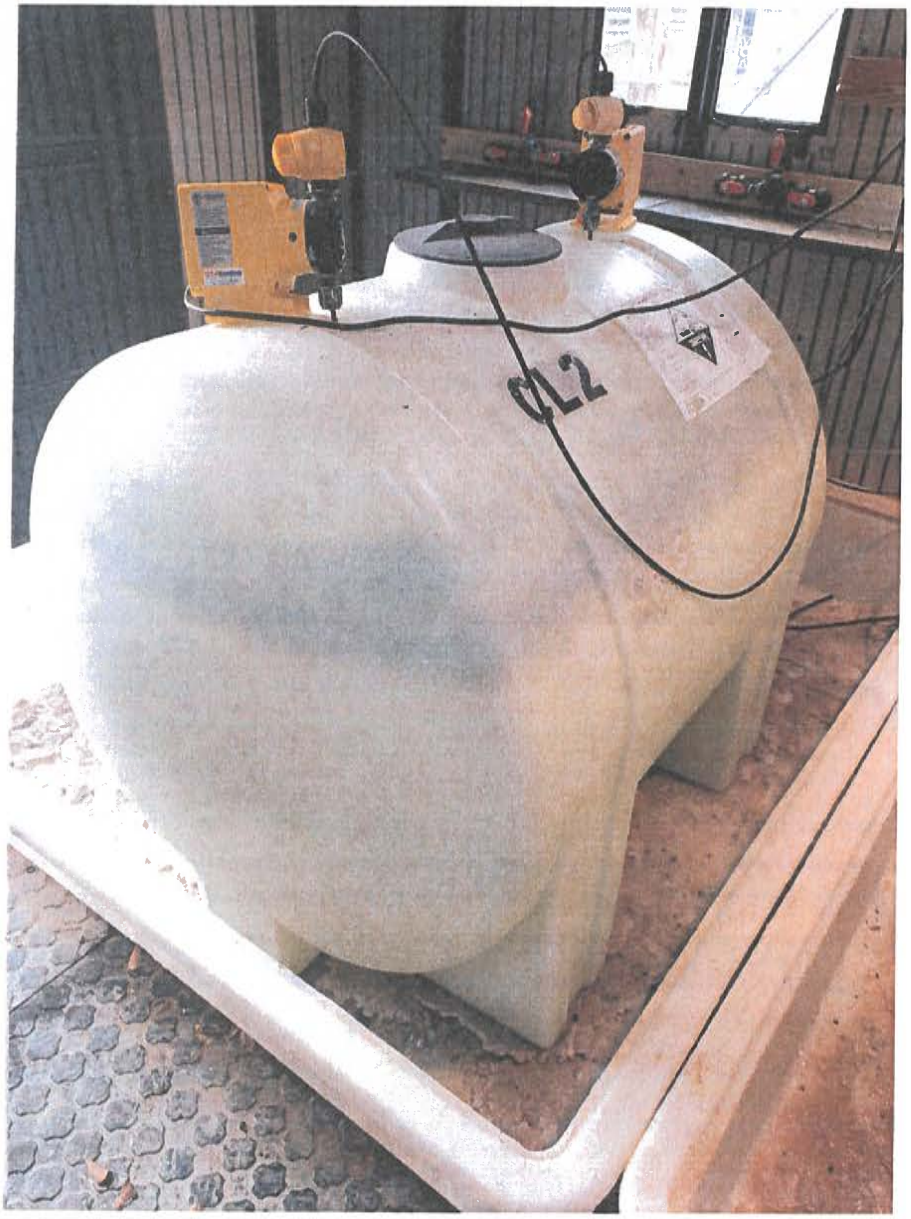
Attachment #2

Severity: Minor

Facility ID: RIVER RUN ESTATES TREATMENT PLANT

Category: Treatment

Attachment Comments: The chemical container needs the correct label on it. It should have TMB 461 on it.



Attachment #3

Severity: Minor

Facility ID: RIVER RUN ESTATES TREATMENT PLANT

Category: Treatment

Attachment Comments: Provisions shall be made for measuring the quantities of chemicals used in order to prevent reaching max dosage of the applied chemical.

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 6475

March 28, 2019

Parrish Valega
DIVERSION WATER - CYPRESS LAKES
P.O. Box 569
Prairieville, LA 70769

Re: Class I Sanitary Survey
DIVERSION WATER - CYPRESS LAKES Public Water System
PWS ID LA1005208
ASCENSION Parish

Dear Mr. Valega:

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 DIVERSION WATER - CYPRESS 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
Teresa Benton	LDH/OPH District II Engineering
Parrish Valega	Diversion 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
1005208-001 - CYPRESS LAKES WELL 001	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 is a pathway for contamination due to the leak around the well casing. **See Attachment #4**

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - CYPRESS LAKES TREATMENT PLANT	Treatment	Chemical shipping containers shall be fully labeled to include chemical name, purity and concentration, and supplier name and address. The Chemical Label will need to be replaced due to fading. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
TP001 - CYPRESS LAKES 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 max dosage of the applied chemical. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1005208-001 - CYPRESS LAKES WELL 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, and a smooth nosed sampling tap located at a point where positive pressure is maintained. At the time of the inspection the pressure gauge and flow meter were in disrepair. **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 – 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 225/342-7598.

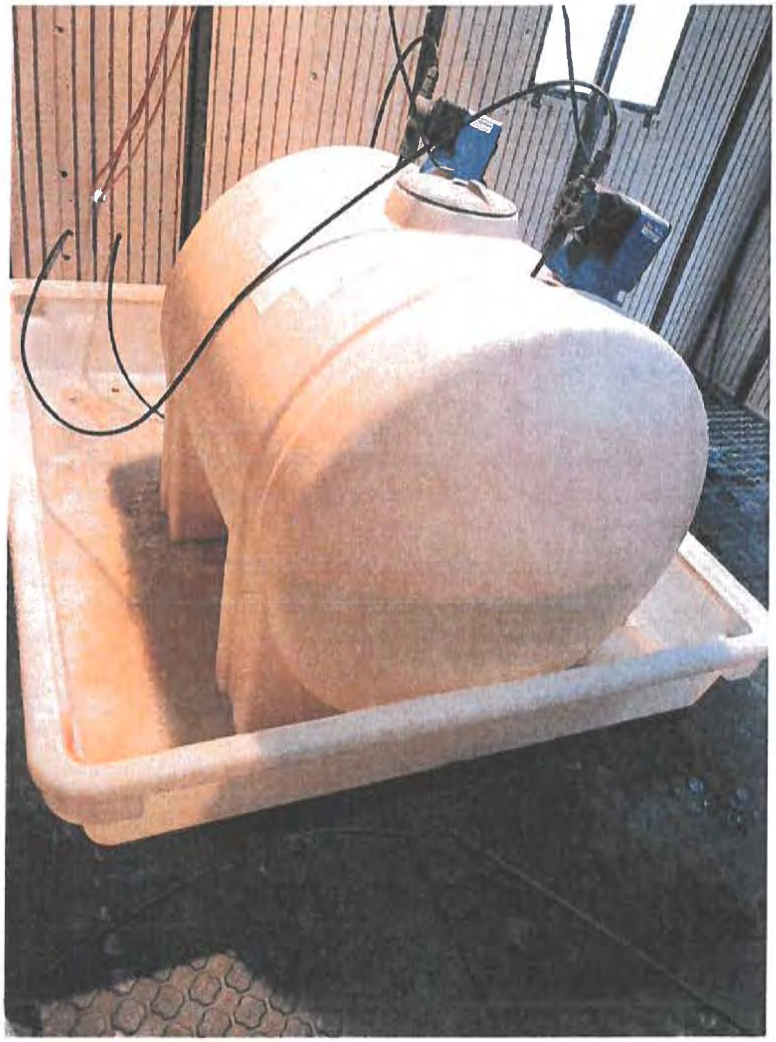
Respectfully,

Teresa Benton

Teresa Benton, R.S.
District II Compliance Manager

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

Attachments



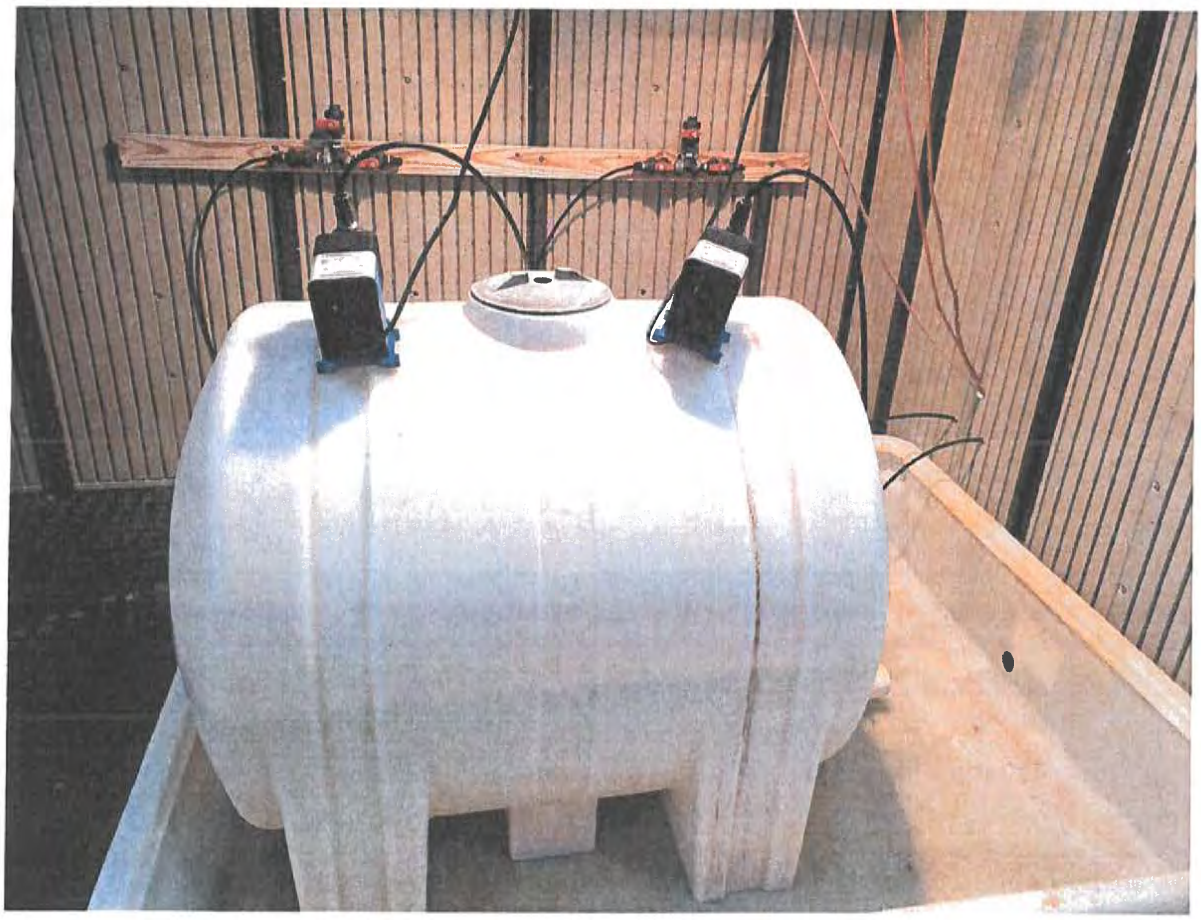
Attachment #1

Severity: Minor

Facility ID: CYPRESS LAKES TREATMENT PLANT

Category: Treatment

Attachment Comments: The chemical label needs to be replaced.



Attachment #2

Severity: Minor

Facility ID: CYPRESS LAKES TREATMENT PLANT

Category: Treatment

Attachment Comments: A calibration tube must be installed to monitor and adjust feeding rates.





Attachment #3

Severity: Minor

Facility ID: DWC -CYPRESS LAKES WELL 001

Category: Source

Attachment Comments: The pressure gauge and flow meter are in disrepair.



Attachment #4

Severity: Significant

Facility ID: CYPRESS LAKES WELL 001

Category: Source

Attachment Comments: Due to the pond being high the well casing is leaking and exposing the sanitary seal to possible contamination.

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 8950

December 11, 2019

Harold Degury
ST AMANT TRAILER PARK
130 East Airline Hwy.
Laplace, LA 70068

Re: Class I Sanitary Survey
ST AMANT TRAILER PARK Public Water System
PWS ID LA1005210
ASCENSION Parish

Dear Mr. Degury:

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 ST AMANT 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
Ryan Farlow	LDH\OPH Engineering Services
Troy Canter	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

None

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1005210-002 - ST AMANT TRAILER PARK WELL 002	Source	LAC 51:XII.319.D 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. No Slab for well. **See Attachment #1**

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. Sample tap is "T" type sample tap. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1005210-001 - ST AMANT TRAILER PARK WELL 001	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. No well vent was noted. **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.

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.

Written Response Required

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: Significant

Facility ID: ST AMANT TRAILER PARK WELL 002

Category: Source

Attachment Comments: Well Head with No Slab



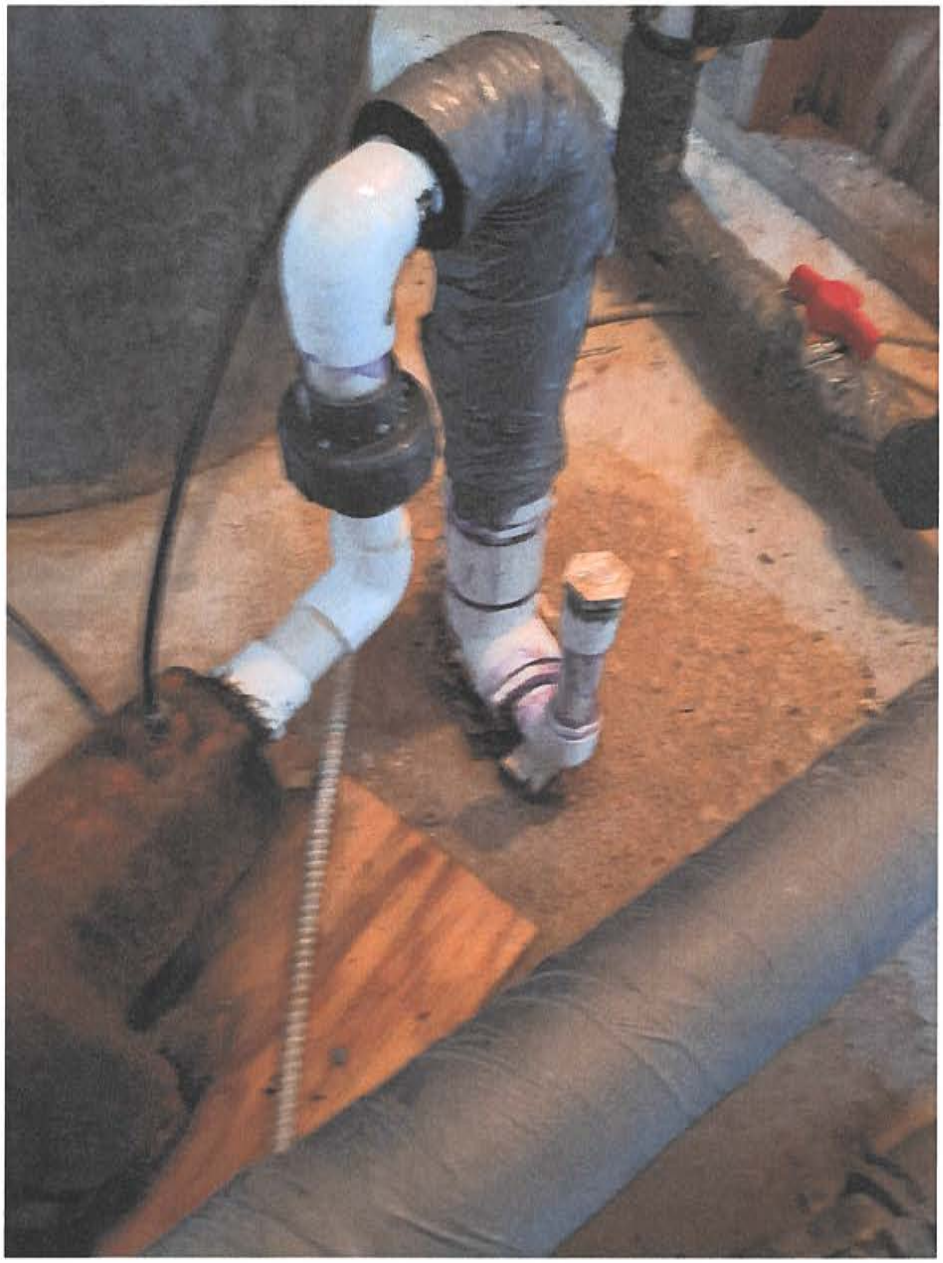
Attachment #2

Severity: Minor

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: "T" Sample Tap



Attachment #3

Severity: Minor

Facility ID: ST AMANT TRAILER PARK WELL 001

Category: Source

Attachment Comments: Well without a Vent

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 7618

May 3, 2019

Eric Hillman
BASF Corporation
P.O. Box 457
Geismar, LA 70734

Re: Class I Sanitary Survey
BASF Corporation Public Water System
PWS ID LA2005003
Ascension Parish

Dear Mr. Hillman:

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 BASF 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
Brian Suberbielle	LDH/OPH Engineering
Eric Hillman	BASF Corporation
Clint Palermo	BASF Corporation

NOTICE OF VIOLATIONS

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

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
2005003-003 - BASF CORPORATION WELL # 16	Source	During the sanitary survey, the raw water tap on Well # 16s discharge line was not in a downturned position. The water system shall replace or adjust the raw water tap on Well # 16, in such a manner that it terminates in a downward direction. 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 #2**
FACILITY	CATEGORY	FINDINGS
2005003-003 - BASF CORPORATION WELL # 16	Source	There shall be no pathway for contamination into the well casing. A water tight sanitary seal at the top of the casing is not provided due to an unsealed pump wire casing entrance. A water tight sanitary seal must be provided at the pump wire casing entrance on Well #16. 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

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	In accordance with the provisions found in Act 292 of the 2018 Regular Session, the BASF Corp. 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.

Written Response Required

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: Significant

Facility ID: BASF CORPORATION WELL # 16

Category: Source

Attachment Comments: A water tight sanitary seal at the top of the casing is not provided due to an unsealed pump wire casing entrance. A water tight sanitary seal must be provided at the pump wire casing entrance on Well #16.



Attachment #2

Severity: Significant

Facility ID: BASF CORPORATION WELL # 16

Category: Source

Attachment Comments: During the sanitary survey, the raw water tap on Well # 16's discharge line was not in a downturned position. The water system shall replace or adjust the raw water tap on Well # 16, in such a manner that it terminates in a downward direction.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL:70190700000059891918

June 12, 2019

Wade Weidman
OCCIDENTAL CHEMICAL CORPORATION
8318 Ashland Road
Geismar, LA 70734

Re: Class I Sanitary Survey
OCCIDENTAL CHEMICAL CORPORATION Public Water System
PWS ID LA2005042
ASCENSION Parish

Dear Weidman:

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 OCCIDENTAL CHEMICAL 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
Corey Harris	LDH-OPH Region IX Engineer
Wade Weidman	Occidental Chemical

NOTICE OF VIOLATIONS

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

The following list 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
06/09/2014	06/12/2014	Sanitary Survey, Finished	Minor	Treatment	TP001-OCCIDENTAL CHEM TREATMENT PLANT WELL 01
Comments: Chlorine gas storage tanks were stored in direct sunlight. A storage room is needed for chlorine gas tank.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/09/2014	06/12/2014	Sanitary Survey, Finished	Minor	Treatment	TP001-OCCIDENTAL CHEM TREATMENT PLANT WELL 01
Comments: Only one feeder is provided at the treatment plant. One backup feeder (or standby unit) shall be provided.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/09/2014	06/12/2014	Sanitary Survey, Finished	Minor	Treatment	TP003-OCCIDENTAL CHEM TREATMENT PLANT WELL 03
Comments: Only one feeder of chlorine gas is provided. Standby feeder on another gas tank is required for this treatment plant.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/09/2014	06/12/2014	Sanitary Survey, Finished	Minor	Treatment	TP003-OCCIDENTAL CHEM TREATMENT PLANT WELL 03
Comments: Chlorine gas was feed and stored in open air under direct sunshine. A storage room for chlorine gas is needed.					

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.

The deficiencies that were identified in the previous survey are still existing at the time of this survey. It is recommended that the system corrects these 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: 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

RECEIVED
JUN 1 9 2019
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

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7018 1830 0001 0580 9063

July 26, 2019

Darin Pensyl
ALMATIS
Highway 22
Burnside, LA 70738

Re: Comprehensive Performance Evaluation (CPE)
ALMATIS Public Water System
PWS ID LA2005165
ASCENSION Parish

Dear Mr. Pensyl:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the Comprehensive Performance Evaluation (CPE) of the public water supply system for ALMATIS (System) which concluded on April 30, 2019. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Alicia Martinez	LDH/OPH Engineering/District I
Clark Broussard	LDH/OPH Engineering/Region II
Julie LeBlanc	LDH/OPH Engineering/Contractor
Todd Barrow	Almatis 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
07/27/2018	08/29/2018	Sanitary Survey, Finished	Minor	Other	Management
Comments: The system lacks basic flow measuring capability. All public water systems shall have an acceptable means of measuring the flow from: each source, the washwater, the recycled water and any blended water of different quality, and the finished water. A meter indicating the instantaneous effluent rate of flow from each filter is required.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/27/2018	08/29/2018	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT PLANT
Comments: The system lacks a means of readily determining the amount of chemicals (DADMAC and rust inhibitor) being dosed. Ideally, a draw down column should be provided and checked daily and when chemical adjustments are made to ensure that NSF max usage limits are not exceeded, and/or to confirm that the chemical feed pump is performing as expected. Scales, loss-of-weight recorders or liquid level (LLI) indicators, accurate to within five percent of the average daily change in reading, are also satisfactory. A treated water flow meter is also required.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Operator Compliance with State Requirements	Plant operators, who are not State Certified Operators, are making changes to the surface water treatment system flows. 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
TP001 - TREATMENT PLANT	Treatment	According to data provided by Almatis, the maximum rate of flow at the plant has exceeded 1,500 GPM. The permitted plate settler, is only permitted for 1,000 GPM. LAC 51.XII.175.H.1.d. - General design criteria for tube or plate settlers is as follows. Application Rates for Plates. A maximum plate loading rate of 0.5 gpm/sqft

		(1.2 m/hr), based on 80 percent of the projected horizontal plate area.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The Lamella plate settler in use during the CPE was installed without a permit from the Office of Public Health. 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
TP001 - TREATMENT PLANT	Treatment	Automatic chemical feeding equipment has been disabled for the chlorine feed and polymer feed equipment. LAC 319.D.1 and 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..
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	During operations to fill the backwash tank the flow of water through the surface water plant, specifically through a single gravity filter, then the clearwell, to the backwash tank, exceeds 550 GPM. Provide a measured maximum flow recorded in backwash operations and then provide a maximum velocity of water throughout the piping within the surface treatment plant. LAC 51.XII.177.4. - Structural Details and Hydraulics. The filter structure shall be designed to provide for: i. maximum velocity of treated water in pipe and conduits to filters of two feet per second.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	During backwash operations, when the backwash tank was being filled, the flow meter for the system was reading a diagnostic error due to the flow of water exceeding the capability of the meter. The water to fill the backwash tank was being drawn from a single gravity filter. A single gravity filter is undersized for peak demand. LAC 51:XII.1131.B.1 - Conventional and direct filtration treatment plants shall be operated at flow rates not to exceed 3 gallons per minute per square foot for gravity filters.
FACILITY	CATEGORY	FINDINGS

TP001 – TREATMENT PLANT	Treatment	Based on the findings of a triggered CPE, primary disinfection requirements for giardia inactivation are not consistently met. The lack of consistent, adequate primary disinfection needs to be evaluated by a professional engineer. The plant may have the capability to meet the performance standard if modifications are implemented. If modifications to design are required, please submit to this office signed, stamped, and dated plans and specifications from a Louisiana licensed professional engineer for review and approval by LDH. LAC 51:XII.355.C - Public water systems which use surface water or ground water under the direct influence of surface water shall meet the requirements of applicable Sections of the surface water Treatment rule (LAC 51:XII.Chapter 11) as it pertains to CT and Giardia, Cryptosporidium, and virus removal/ inactivation/disinfection requirements.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	The backwash tank lacks sufficient capacity to perform a complete backwash in a single operation. LAC 51.XII 177.10.f - Backwash. Provisions shall be made for washing filters as follows… design to prevent rapid changes in backwash water flow.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	There is no flow controlling mechanism for the backwash rate. Variable flow during backwash operations should be provided. LAC 51 XII. 177.A.10.d - Backwash. Provisions shall be made for washing filters as follows… a washwater regulator or valve on the main washwater line to obtain the desired rate of filter wash with the washwater valves on the individual filters open wide.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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. At the time of inspection, there appeared to be a deck washing activity on the Mississippi River that may interfere with raw water quality. It is recommended that Almatis perform a study of all factors which may negatively affect raw water quality and implement protocol for different scenarios.

LAC 51:XII.167 C. - Surface Water Quality. A study shall be made of the factors, both natural and man-made, which may affect water quality in the water supply stream, river, lake or reservoir and shall include, but not be limited to: 3.assessing degree of hazard to the supply posed by agricultural, domestic, industrial, or recreational activities in the watershed, which may generate toxic or harmful substances detrimental to treatment processes.

2. Turbidimeters show spikes occurring frequently in data provided by Almatis. Almatis should perform a special study to determine the causes of the spikes and take action to remediate the spikes and produce a more consistent/accurate turbidity reading.

3. The "online" turbidimeters and the benchtop turbidimeter were shown to have significantly variable readings from each other. A special study should be performed to determine the cause of the variability of the two readings and to develop and implement solutions.

4. Data capping was observed on data provided by Almatis during the CPE. Turbidity data is critical for calibrating water treatment plant processes. Also, all data provided to the state health officer from these turbidimeters is certified by the operator as being true, complete, and accurate. All turbidimeters should have data caps removed and all turbidity data should be re-evaluated. Generally, SCADA systems transmit data using a 4 to 20 mA signal. The 4 mA signal represents the zero value and the 20 mA signal represents the max value. The max value must be $\geq$ 5.10 NTU, typically set from 10 to 40 NTUs. The lower the maximum value the lower the span and the better the data resolution (more accurate the data).

5. Plant management and staff appear to treat drinking water quality produced by the surface water treatment plant as unimportant due to the belief that, "no one drinks the water." During the course of the CPE site visit, it was observed that plant staff use the water for showers, cleaning dishes, washing hands, and for other sanitary purposes. It is strongly recommended that management and drinking water staff review the state health code referring to drinking water requirements and not dismiss the importance of having a fully compliant surface water plant that provides potable drinking water in full compliance with EPA/Louisiana potable drinking water standards.

LAC 51.XII.369.A - It shall be the duty of the owner or manager of any premises occupied as a … factory… to provide a safe supply of potable water for human consumption and for sanitary purposes.

6. Water treatment and water quality are not prioritized for staff. Staff duties pertaining to the industrial processes are emphasized over water treatment and water quality. It is recommended to have water treatment staff only responsible for running the water treatment plant.

7. There are no policies for consistent operational procedure or written water quality goals. Almatis staff must decide what actions to put into place when turbidity rises to above 0.35 NTU as well as deciding on consistent operational procedures for treating water under different conditions.

8. During the CPE it was discovered that the flow meter was not calibrated for the full range of flows it was being used to determine. It is recommended that all data from flowmeters be reviewed for "capping" and appropriately sized/calibrated flow meters be utilized.

9. Flow to the turbidimeters was noticeably slowed during backwash tank filling operations. It is recommended that the turbidimeter flow be investigated during backwash tank filling operations.

10. The Major Unit Process Evaluation presented in the CPE shows that the water treatment plant is undersized with respect to sedimentation, filtration, and disinfection. It is recommended that Almatis perform a study to determine if it is possible to run the water treatment plant in a way that makes it possible to meet all of these goals. If it is determined that modifications to the plant are necessary, please submit to this office signed, stamped, and dated plans and specifications from a Louisiana licensed professional engineer for review and approval by LDH.

11. The water treatment plant is in a dilapidated state. There are numerous wires, or power lines, which criss-cross the open area between the water plant building and the water treatment components. The old lamella clarifier is stabilized by rotting wood and there appears to be "temporary" scaffolding to reach the top of the clarifier. There are pipes on the ground with tow straps tied around them. This creates a safety issue. It is strongly recommended that Almatis promptly review and remedy these safety issues.

Written Response Required

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: Jacob Haffner,
P. O. Box 4489, Bin #10, Box #7 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

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
11/05/2018	65 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
11/05/2018	81 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
08/16/2018	97 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
2082656	03/28/2019	MONTHLY COMB. FILTER EFFLUENT (SWTR	02/01/2019 - 02/28/2019
2082658	02/12/2019	SINGLE COMB FLTR EFFLUENT (IESWTR/LT1)	02/01/2019 - 02/28/2019
2082657	02/07/2019	SINGLE COMB FLTR EFFLUENT (IESWTR/LT1)	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 225-324-7363

Respectfully,



Jacob Haffner, P.E.

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

ec: John Williams, P.E., Deputy Chief Engineer, LDH-OPH-Engineering Field Operations
Alicia Martinez, P.E., District I Engineer, LDH-OPH-Engineering District I
Clark Broussard, P.E., Engineer Intern, LDH-OPH-Engineering Region 2
Julie LeBlanc, P.E., Engineer, LDH-OPH-Engineering Contractor
Todd Barrow, Almatis Compliance

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL: 7018 1830 0001 0580 6727

February 5, 2019

Danny Leblanc
LEBLANCS TRIPLE S
44437 Hwy 429
St Amant, LA 70774

Re: Class I Sanitary Survey
LEBLANCS TRIPLE S Public Water System
PWS ID LA2005214
ASCENSION Parish

Dear Mr. Leblanc:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 23, 2019 sanitary survey inspection of the public water supply system for LEBLANCS TRIPLE 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
Teresa Benton	OPH District II Engineering
Troy Canter	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
Management	Security	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. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
2005214-001 - LEBLANCS WELL 001	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. **See Attachment #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of survey the facility could not produce the daily chlorine residual results, bacteriological results, chemical records, lead & copper reports and Consumer confidence reports for all of the required time frame that records are required to be kept. This facility was affected by the 2016 flood.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	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. Some of the sample taps are not smooth nozzle taps. Operator uses an attachable tap for some of these sample taps.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	Sodium hypochlorite shall be stored in the original shipping containers or in sodium hypochlorite compatible containers. **See Attachment #4**
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. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
2005214-001 - LEBLANCS WELL 001	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.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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	The chemical feed pump was not secure at the time of the inspection. The pump should be installed per manufacturer's recommendations.

Written Response Required

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 225/342-7598.

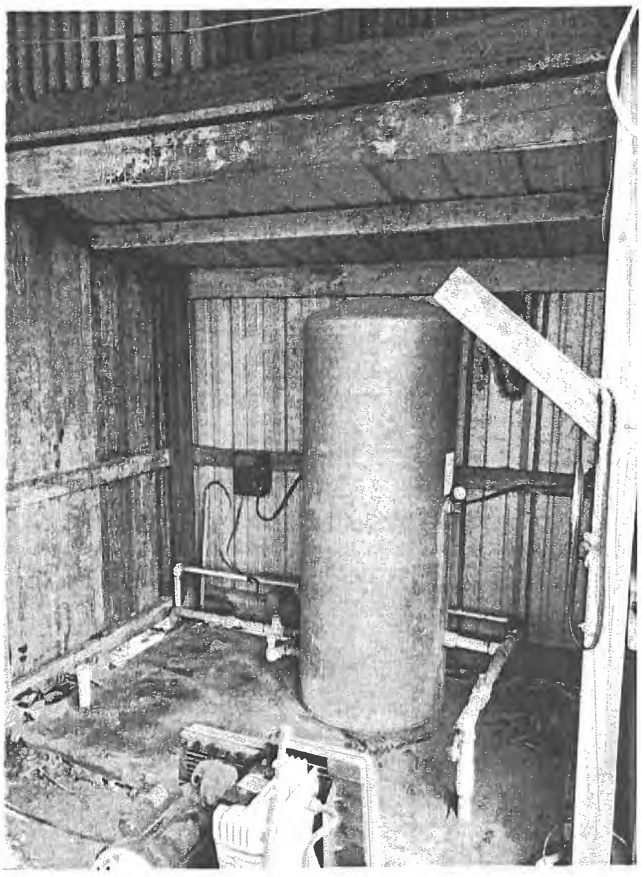
Respectfully,

Teresa Benton, R.S.
District II Compliance Manager

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

Attachments





Attachment #1

Severity: Significant

Category: Security

Attachment Comments: A lockable fence is needed around your well and tank.



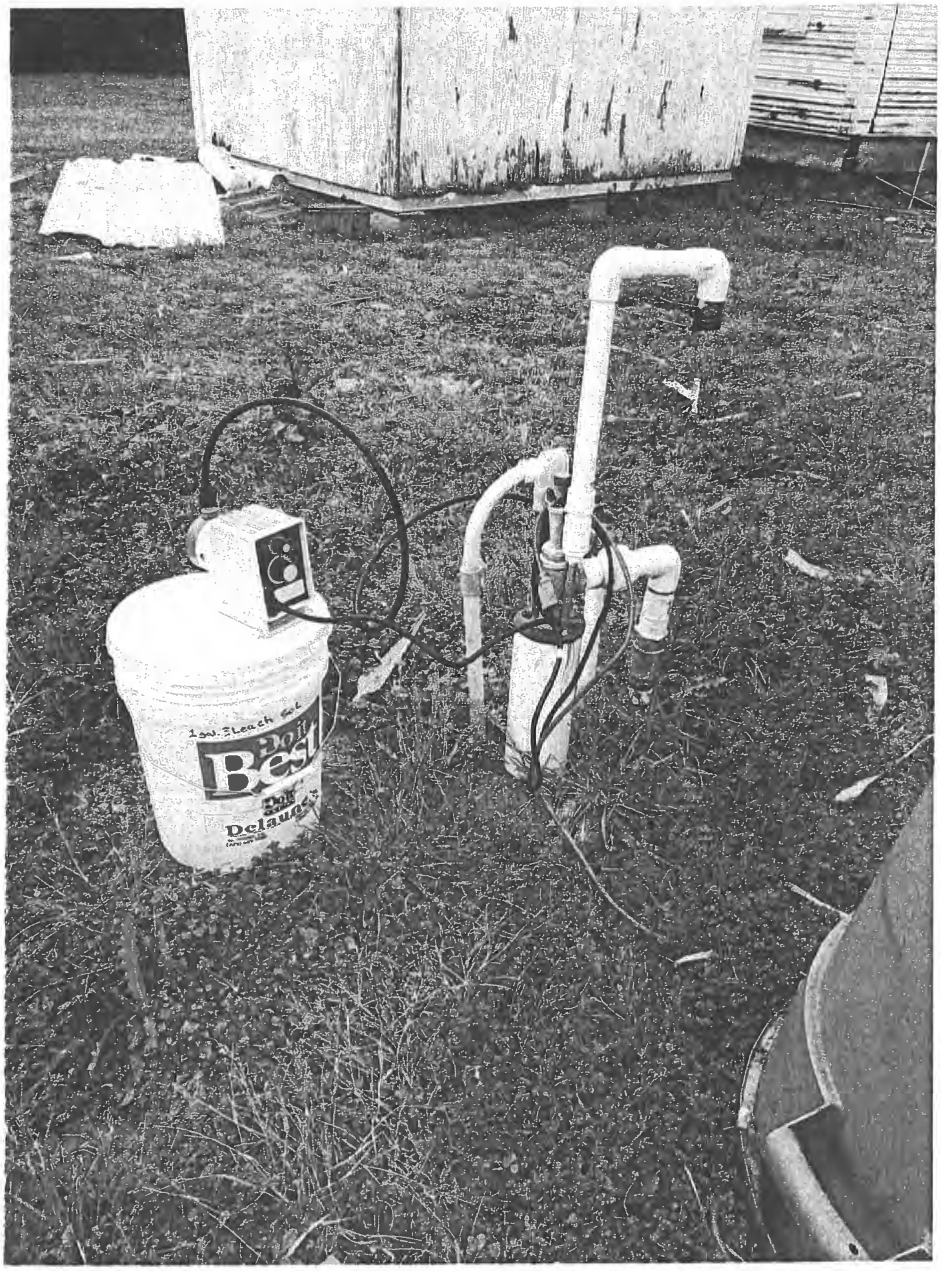
Attachment #2

Severity: Significant

Facility ID: LEBLANCS WELL 001

Category: Source

Attachment Comments: The sanitary seal is not lying flat



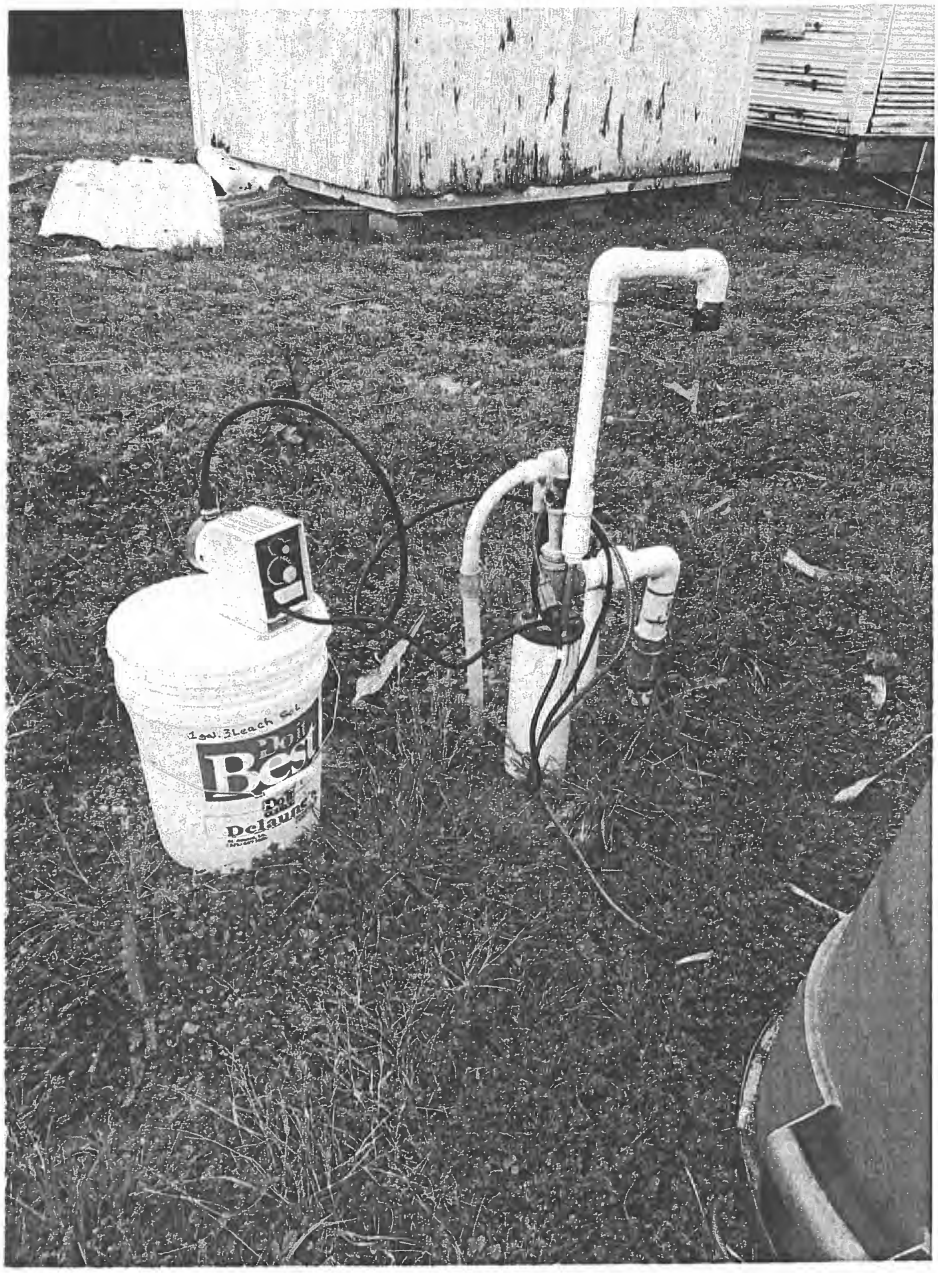
Attachment #3

Severity: Minor

Facility ID: TREATMENT PLANT

Category: Treatment

Attachment Comments: Chemicals must be stored out of direct sunlight.



Attachment #4

Severity: Minor

Facility ID: TREATMENT PLANT

Category: Treatment

Attachment Comments: The original shipping containers or sodium hypochlorite compatible containers are needed.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL: 7018 1830 0001 0580 6710

February 5, 2019

Jeff Melancon
SORRENTO LUMBER COMPANY
P.O. Box 400
St. Amant, LA 70774

Re: Class I Sanitary Survey
SORRENTO LUMBER COMPANY Public Water System
PWS ID LA2005255
ASCENSION Parish

Dear Mr. Melancon:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 23, 2019 sanitary survey inspection of the public water supply system for SORRENTO LUMBER 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
Teresa Benton	OPH District II Engineering
Devin Martin	Sorrento Lumber Company, 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
Management	Security	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. A fence is needed to protect the pressure tank. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC STORAGE TANKS	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. **See Attachment #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	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. Daily chlorine records

		must be kept on file for 10 years: POE and MRT (taken and recorded daily) and the ACR (taken and recorded monthly).
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	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). This facility was affected by the 2016 Flood.
FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC STORAGE TANKS	Finished Water Storage	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 - TREATMENT PLANT 001	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 provide sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank. Secondary containment is needed. **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 – 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 225/342-7598.

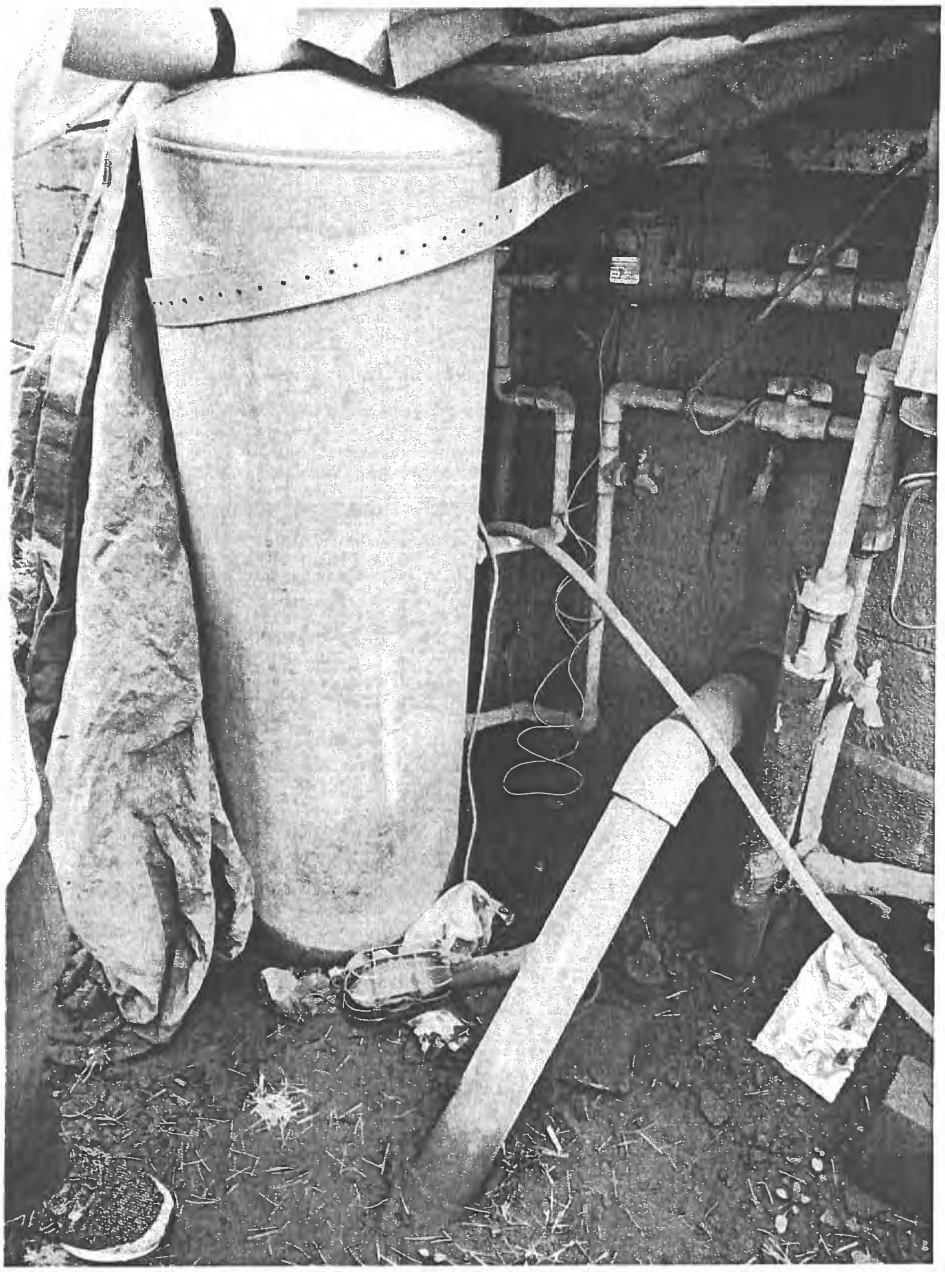
Respectfully,

Teresa Benton

Teresa Benton, R.S.
District II Compliance Mgr.

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

Attachments



Attachment #1

Severity: Significant

Category: Security

Attachment Comments: The pressure tank should be protected by a fence.



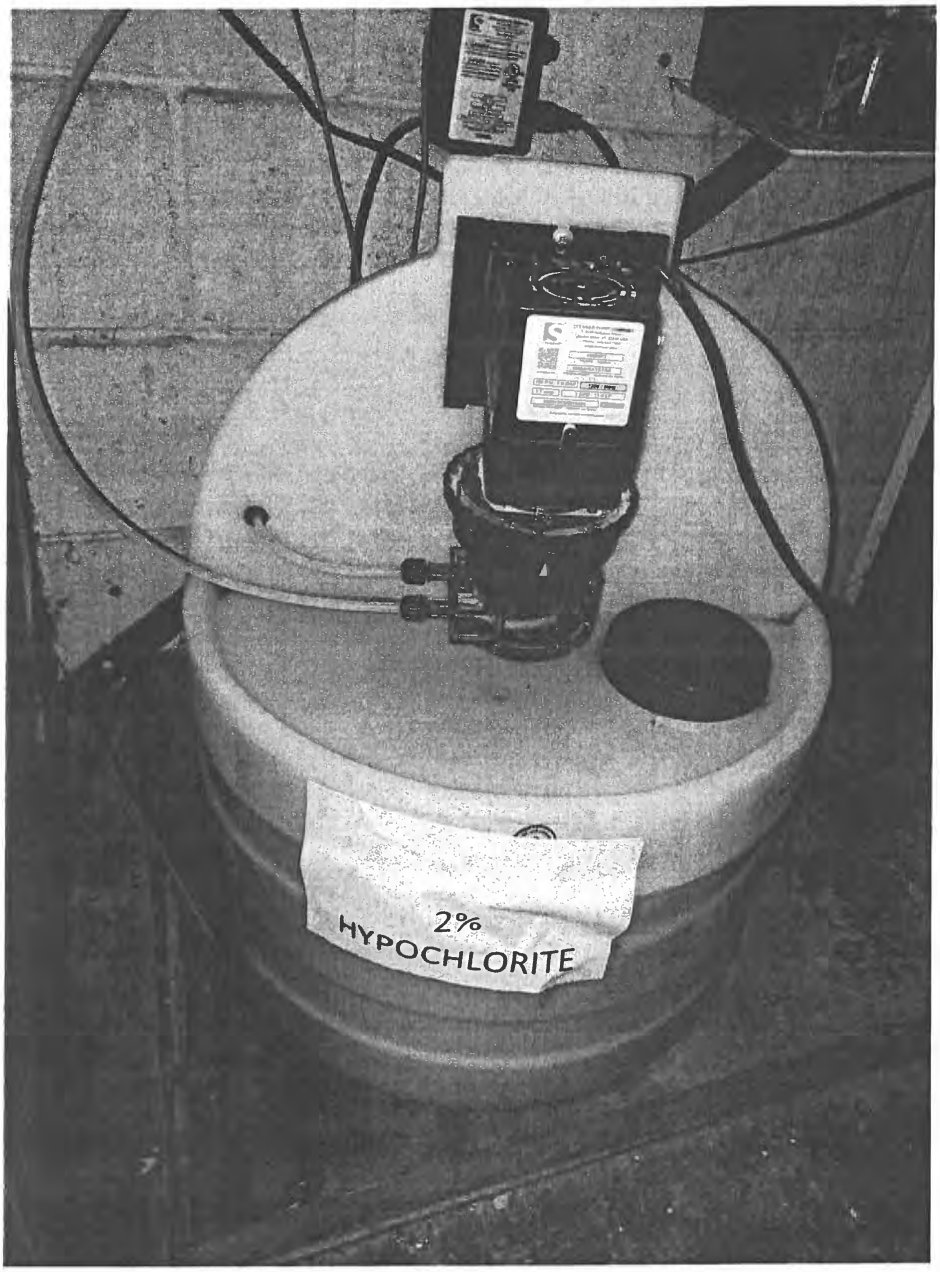
Attachment #2

Severity: Significant

Facility ID: HYDROPNEUMATIC STORAGE TANKS

Category: Finished Water Storage

Attachment Comments: This pressure tank should be elevated at least 2 feet off of the ground and not allow entrance of insects, dust or other contaminating material.



Attachment #3

Severity: Minor

Facility ID: TREATMENT PLANT 001

Category: Treatment

Attachment Comments: Secondary containment is needed in case of any spills.

John Bel Edwards
GOVERNOR



Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

July 10, 2019

John Bruner
AIR LIQUIDE GEISMAR UTILITY SERVICES
PO Box 488
Geismar, LA 70734

Re: Class I Sanitary Survey
AIR LIQUIDE GEISMAR UTILITY SERVICES Public Water System
PWS ID LA2005256
ASCENSION Parish

Dear Mr. Bruner:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 18, 2019 sanitary survey inspection of the public water supply system for AIR LIQUIDE GEISMAR UTILITY SERVICES (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
John Bruner	Air Liquide Geismar 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 – 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
10	09/10/2018	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 985-449-5007 ext. 345.

Respectfully,

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: 7019 0700 0000 8664 1012

December 9, 2019

Randal Brown
BABY BEGINNINGS
44055 Stringer Bridge Rd
St. Amant, LA 70774

Re: Class I Sanitary Survey
BABY BEGINNINGS Public Water System
PWS ID LA2005265
ASCENSION 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 November 12, 2019 sanitary survey inspection of the public water supply system for BABY BEGINNINGS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
Teresa Benton	LDH/OPH Engineering Services
Troy Canter	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.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	At the time of inspection, the fence around the tank was climbable and the fence lock was damaged. Provide a non-climbable fence and functioning fence lock. **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.
FACILITY	CATEGORY	FINDINGS
2005265-001 - BABY BEGINNINGS WELL 001	Source	At the time of inspection, there were ants surrounding the discharge piping and the wellhead was in disrepair. Remove all sources of possible contaminations. **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 slab ... shall be maintained to prevent the introduction of contamination into the well casing and discharge piping.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	No records have been kept for this system. Start recording residual disinfectant concentration. 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.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	There were no records on file at the time of the inspection. 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.

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	There were no records on file at the time of the inspection. LAC 51:XII.377.A.4 - 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
HD001 - BABY BEGINNINGS HYDRONUMATIC	Finished Water Storage	At the time of inspection, there was no water sight glass present on the hydro pneumatic tank. Provide a water sight glass. **See Attachment #3.** 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 - BABY BEGINNINGS TREATMENT PLANT	Treatment	At the time of inspection, there was no calibration tube for the sodium hypochlorite chemical feed pump. Provide a calibration tube or mass flow monitor. **See attachment #4** LAC 51:XII 209.D.2.d - Calibration tubes or mass flow monitors which allow for direct physical checking of actual feed rates shall 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 require you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to 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: 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 225/342-7598.

Respectfully,

Teresa Benton

Teresa Benton, R.S.
RTCR Compliance Manager

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

Attachments





Attachment #1

Severity: Significant

Category: Security

Attachment Comments: Provide a non-climbable fence and functioning fence lock.





Attachment #2

Severity: Significant

Category: Source

Attachment Comments: All sources of possible contamination will need to be removed.



Attachment #3

Severity: Minor

Category: Finished Water Storage

Attachment Comments: A sight glass is needed.



Attachment #4

Severity: Minor

Category: Treatment

Attachment Comments: A calibration tube is needed for the sodium hypochlorite chemical feed pump.

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 6024

April 8, 2019

Tom Moore
NEESE INDUSTRIES, INC
P.O. Box 1059
Gonzales, LA 70707

Re: Class I Sanitary Survey
NEESE INDUSTRIES, INC Public Water System
PWS ID LA2005267
ASCENSION Parish

Dear Mr. Moore:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 8, 2019 sanitary survey inspection of the public water supply system for NEESE INDUSTRIES, 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
Teresa Benton	LDH/OPH District II Engineering Services
Lester Clark	Neese Industries

NOTICE OF VIOLATIONS

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

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

The following list 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	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 inspection, the vent was leaking due to the MS River being high. There was also a leak at the well discharge piping. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
2005267-001 - WELL NEESE INDUSTRIES,INC.	Source	A minimum of two sources of groundwater shall be provided or the water system would have to have a consecutive connection with another water system.
FACILITY	CATEGORY	FINDINGS
2005267-001 - WELL NEESE INDUSTRIES,INC.	Source	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. The POE is in need of a smooth nozzle tap. **See Attachment #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 - NEESE INDUSTRIES, INC	Finished Water Storage	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

		inspection, rusting was noticed around the pump. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
TP001 - NEESE INDUSTRIES,INC.	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 was 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. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
TP001 - NEESE INDUSTRIES,INC.	Treatment	Chemical shipping containers shall be fully labeled to include chemical name, purity and concentration, and supplier name and address. At the time of the inspection, the chemical drum was not labeled. **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 – 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

Violation Number	Violation Date	Violation Type	Compliance Period
7	09/10/2018	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 225-342-7598.

Respectfully,

Teresa Benton

Teresa Benton, R.S.
District 2 Compliance Manager

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

Attachments



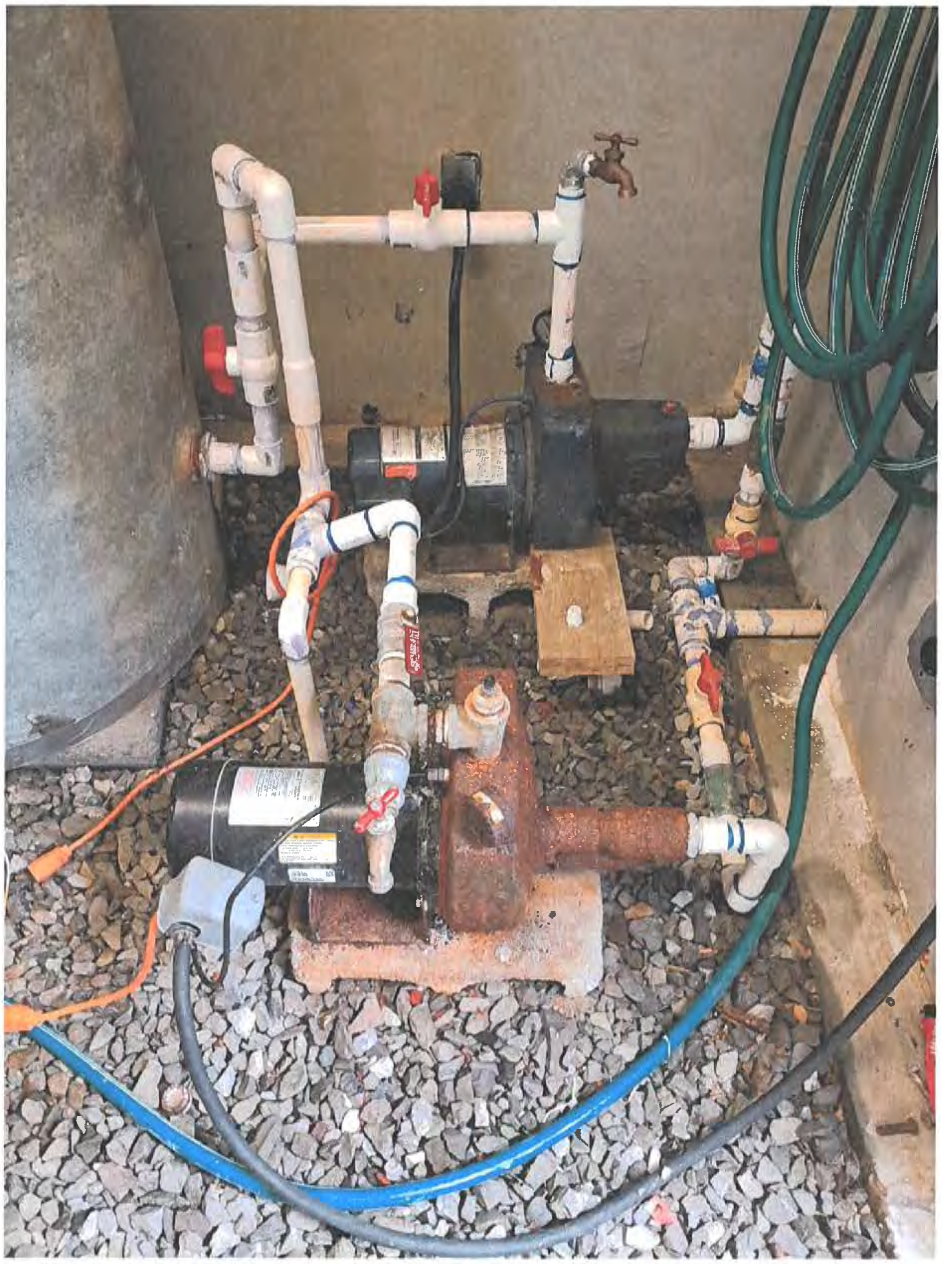
Attachment #1

Severity: Minor

Facility ID: NEESE INDUSTRIES, INC

Category: Finished Water Storage

Attachment Comments: Rust or Corrosion was observed around the pump.



Attachment #2

Severity: Significant

Facility ID: WELL NEESE INDUSTRIES, INC.

Category: Source

Attachment Comments: The sample tap should have a smooth nose.



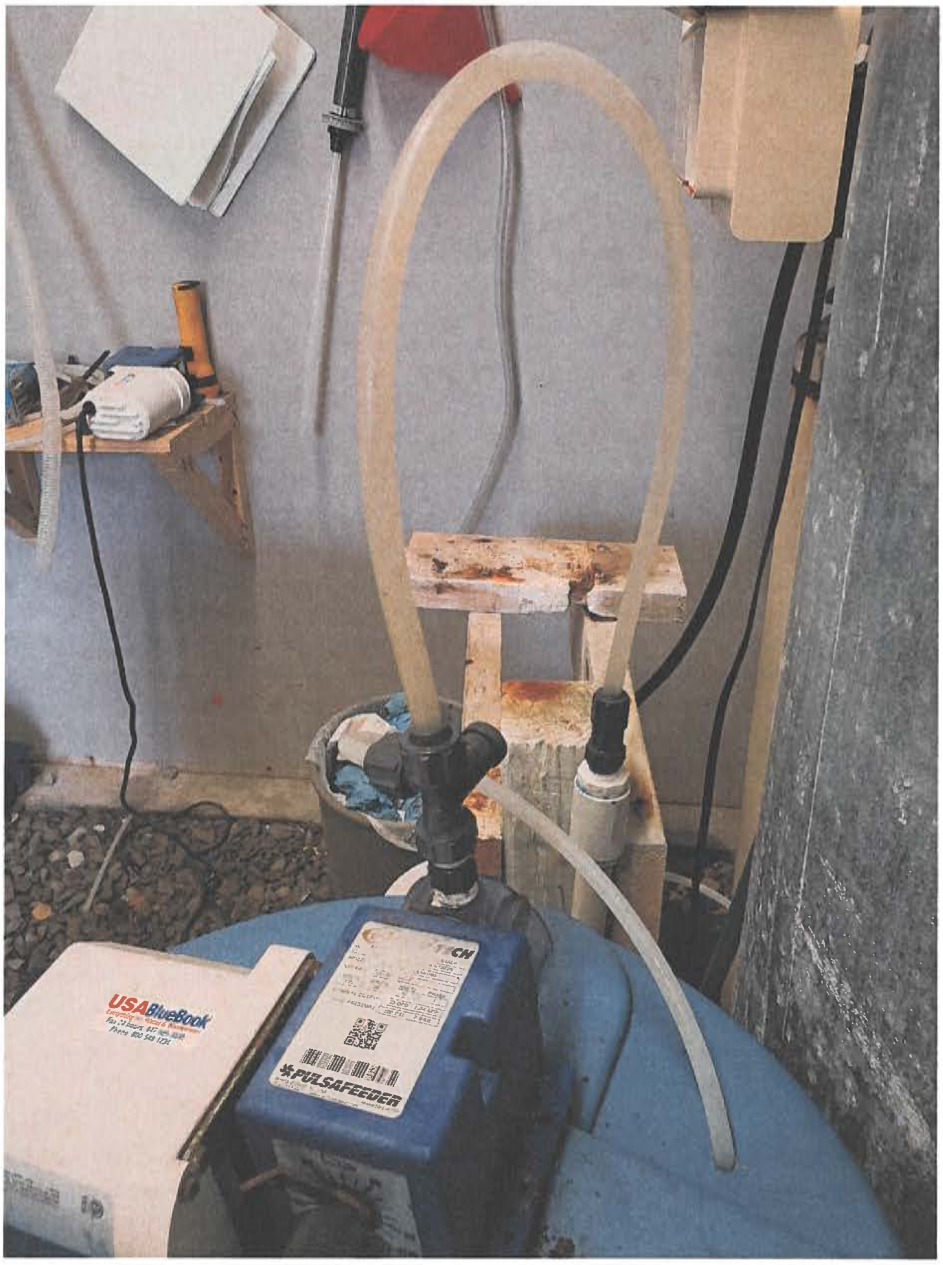
Attachment #3

Severity: Minor

Facility ID: NEESE INDUSTRIES, INC.

Category: Treatment

Attachment Comments: Chemical drums should be labeled.



Attachment #4

Severity: Minor

Facility ID: NEESE INDUSTRIES, INC.

Category: Treatment

Attachment Comments: A calibration tube shall be installed to monitor and adjust feeding rates.



Attachment #5

Severity: Significant

Category: Other

Attachment Comments: The system has a few areas that are leaking: vent area and 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 1830 0001 0580 5157

March 28, 2019

Ronnie Templet
ST AMANT BAPTIST CHURCH SCHOOL
10414 Acy Road
St Amant, LA 70774

Re: Class I Sanitary Survey
ST AMANT BAPTIST CHURCH SCHOOL Public Water System
PWS ID LA2005268
ASCENSION Parish

Dear Mr. Templet:

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 ST AMANT BAPTIST CHURCH 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
Teresa Benton	LDH/OPH/ District II Engineering
Ronnie Templet	St. Amant Baptist School

NOTICE OF VIOLATIONS

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

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

The following list 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
2005268-001 - WELL ST. AMANT BAPTIST CHURCH SCHOOL	Source	LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply, 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	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. At the time of the inspection, forms were not provided for review.

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

Violation Number	Violation Date	Violation Type	Compliance Period
38	03/19/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	03/01/2019 - 03/31/2019
37	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 225/342-7598.

Respectfully,

Teresa Benton

Teresa Benton, R.S.
District II Compliance Manager

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

May 23, 2019

Bernard J Francis
Assumption Parish Water District #1
4633 Highway 1
Napoleonville, LA 70390

Re: Level 2 Assessment
ASSUMPTION PARISH WW DISTRICT 1 Public Water System
PWS ID LA1007001
ASSUMPTION Parish

Dear Mr. Francis:

The Louisiana Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 13, 2019 RTCR Level 2 Assessment of the public water supply system for Assumption Parish Water District #1. 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 interfere 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
Alicia Martinez	LDH OPH Engineering Services District 1
Melissa Favorth	LDH OPH Engineering Services District 1
Bernard J Francis	Assumption Water Works
Ginger Rushing	Assumption Water Works
Rickey Mollere	Assumption Water Works

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 April 16, 2019. The response is due on June 22, 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.

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 – District 1
Attn: Alicia K. Martinez, P.E.
1450 Poydras St., Suite 1825
New Orleans, LA 70112

Your 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 1 Engineer
LDH/OPH, Engineering Services

CC: John Williams, P.E. Deputy Chief Engineer
David Boggs, E.I. Region 3 Engineer
Melissa Favorth District Sanitarian

Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: Assumption Parish WW District 1		PWS ID#: 1007001
Contact Name: Ginger Rushing		Phone #: 985-369-6156
PWS Address: 4633 LA 1		E-mail: Grushing@apwwla.com
Name of Lead Assessor: Alicia Martinez, P.E.		Date Completed: 5/13/2019
Level 2 Trigger	*E. coli* Positive: YES ☐NO ☐	If yes, which sample(s) from Section II?
	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#:026	Sample POC Name: TCR
Sample Date: 04/16/2019	Name of Sample Collector: CHANA C.	
Chlorine Residual: Free ☐ Total X Not Measured ☐		2.2 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#:028	Sample POC Name: TCR
Sample Date: 04/16/2019	Name of Sample Collector: CHANA C.	
Chlorine Residual: Free ☐ Total X Not Measured ☐		2.7 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?				
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:

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? ***Bayou Lafourche – 2 intakes (blended)*** **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: Alicia Martinez, P.E.

C. Treatment Processes

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

Assessor Name: Alicia Martinez, P.E.

D. Distribution System

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

Assessor Name: Alicia Martinez, 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?	✓			
2. Are all vents and overflow pipes screened?		✓		
3. Is the tank maintained and free of rust, holes and leaks?	✓			
4. Are there any unsealed openings in the storage facility such as access doors, vents or joints?		✓		
5. Are signs of vandalism visible?		✓		
6. Are roof hatches and manhole openings tightly covered and locked?	✓			
7. Do downspouts and overflow pipes drain water away from structure?	✓			
8. Have all storage tanks been inspected and cleaned within the last 5 years?	✓			
9. Were there any repair activities associated with the storage tanks?		✓		

Assessor Name: Alicia Martinez, P.E.

F. Water Quality Data Table

Parameter	Number of Each Sample Type Collected		
	TCR-013	TCR-029	TCR-030
Chlorine Residual (mg/L)	2.53	2.95	2.56
Monochloramine (mg/L)	2.25	2.31	2.24
Free Ammonia (mg/L)	Under range	0.35	0.49
Other (specify below)			

Parameter	Number of Each Sample Type Collected		
	TCR-026	TCR-023	TCR-028
Chlorine Residual (mg/L)	2.42	2.95	2.64
Monochloramine (mg/L)	2.13	2.51	2.3
Free Ammonia (mg/L)	0.20	0.10	0.40
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
TCR-028 had high grass around the sampling point and the sample cover box had numerous snails inside.	

Issue Description (list section letter and #)	Corrective Action
E.2. - Ground storage tanks and elevated storage tanks have a duckbill on overflow, but no screen.	

Issue Description (list section letter and #)	Corrective Action
C.8. – CT is calculated using the bench top method and not based on results of a tracer study.	

Issue Description (list section letter and #)	Corrective Action
D.7. – Backflow devices within the distribution system have not all been tested within the past year.	

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): Alicia Martinez, P.E.

Lead Assessor's Name Signature: Alicia Martinez **Date:** 5/23/2019

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

Department of Health
Office of Public Health

August 5, 2019

Bernard J Francis
ASSUMPTION PARISH WW DISTRICT 1
4633 Hwy1
Napoleonville, LA 70390

Re: Class I Sanitary Survey
ASSUMPTION PARISH WW DISTRICT 1 Public Water System
PWS ID LA1007001
ASSUMPTION Parish

Dear Francis:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 3, 2019 sanitary survey inspection of the public water supply system for ASSUMPTION PARISH WW 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
David Boggs	LDH Engineering Region 3
Ginger Rushing	Assumption 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
1007001-002 - INTAKE 2	Source	LAC 51:XII.217.A - Where necessary to meet minimum system requirements such as pressure, at least two pumping units shall be provided. With any pump out of service, the remaining pump or pumps shall be capable of providing the maximum design capacity of that station. There is one inoperable pump at the upstream raw water intake. **See Attachment #1**

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
B1902285-004	Routine	6/4/2019			2.460
B1901496-009	Routine	4/16/2019			2.290
B1901496-011	Routine	4/16/2019			2.720
B1901321-007	Routine	4/2/2019			3.120
B1900586-011	Routine	2/11/2019			3.520
B1803713-007	Routine	8/21/2018			2.000

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
1058	05/08/2019	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	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 985-449-5007 ext. 345.

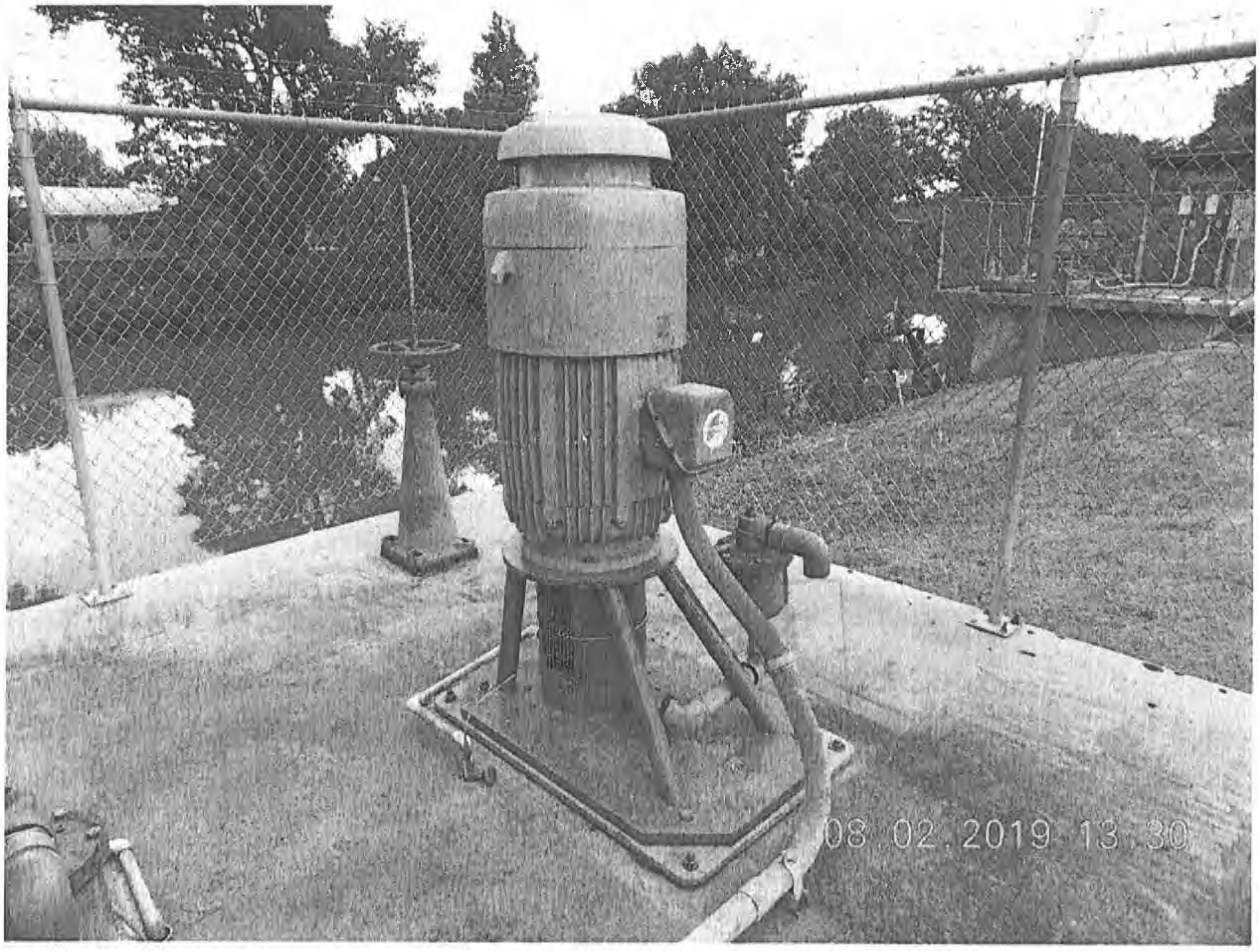
Respectfully,

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: INTAKE 2

Category: Source

Attachment Comments: Rehabilitated raw water intake pump.

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 6538

October 24, 2019

William Scott
TOWN of COTTONPORT WATER SYSTEM
PO Box 118
Cottonport, LA 71327

Re: Class I Sanitary Survey
TOWN of COTTONPORT WATER SYSTEM Public Water System
PWS ID LA1009005
AVOYELLES Parish

Dear Mr. Scott:

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 TOWN of COTTONPORT 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
Penn LeMoine	Avoyelles Water Commission

NOTICE OF VIOLATIONS

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

The following list 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	10/29/2016	Sanitary Survey, Finished	Minor	Source	1009005-002-WELL 2
Comments:					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/29/2016	10/29/2016	Sanitary Survey, Finished	Minor	Treatment	TP001-DISINFECTION PLAUCHEVILLE PUMP STATION
Comments:					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/29/2016	10/29/2016	Sanitary Survey, Finished	Minor	Treatment	TP002-DISINFECTION COTTONPORT PUMP STATION
Comments:					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/29/2016	10/29/2016	Sanitary Survey, Finished	Minor	Treatment	TP002-DISINFECTION COTTONPORT PUMP STATION
Comments:					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/29/2016	10/29/2016	Sanitary Survey, Finished	Minor	Treatment	TP007-TREATMENT FOR WELL 2
Comments:					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1009005-002 - WELL 2	Source	Well 2: There is a barrel of unknown liquid at the well site that needs to be removed to prevent the pathway for contamination. **See Attachment 1.**

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
Management	M&R and Data Verification	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
TP002 - DISINFECTION COTTONPORT PUMP STATION	Treatment	TP002: The fan is currently not operational, either the motor is burned out or there is an electrical issue. The chlorine room must be equipped with a working light and fan. **See Attachment 2.**
FACILITY	CATEGORY	FINDINGS
1009005-005 - WELL 5	Source	Well 5: 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 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
GR001 - GROUND TANK AT PLAUCHEVILLE STATION	Finished Water Storage	GR001 GROUND TANK AT PLAUCHEVILLE STATION: Ladder doesn't have a guard to limit access to the Ground Storage Tank. **See Attachment 4.**
FACILITY	CATEGORY	FINDINGS
TP001 - DISINFECTION PLAUCHEVILLE PUMP STATION	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 by individually with either a single device with multiple fastening points, or multiple restraining devices. **See Attachment 5.**
FACILITY	CATEGORY	FINDINGS
TP002 - DISINFECTION COTTONPORT PUMP STATION	Treatment	TP002: 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 6.**
FACILITY	CATEGORY	FINDINGS
TP007 - TREATMENT FOR WELL 2	Treatment	TP007: 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 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 – 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 .

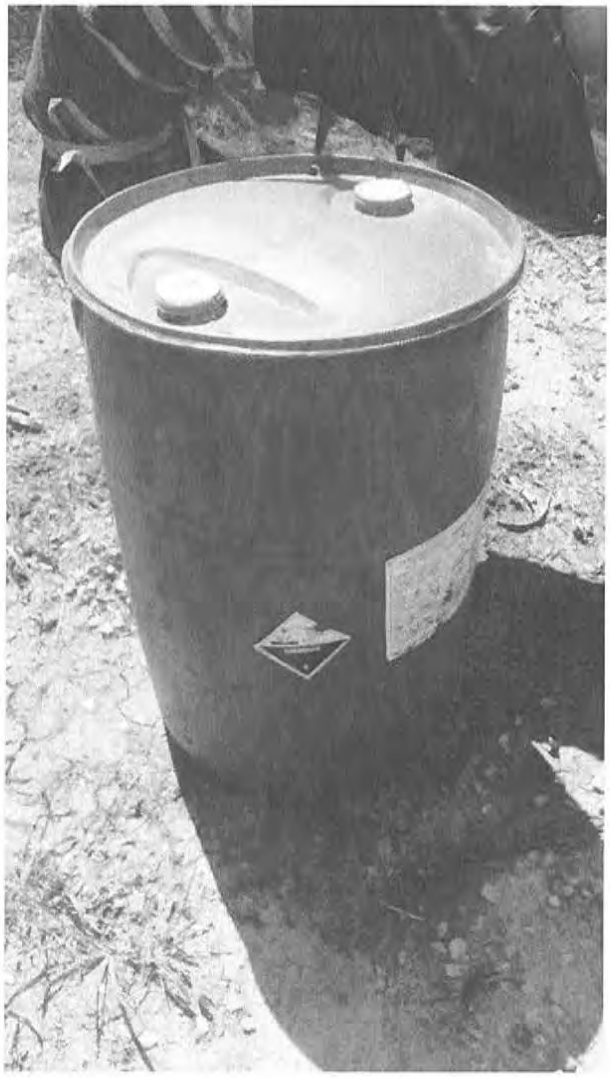
Respectfully,

William Charlot

William Charlot,

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

ATTACHMENTS



Attachment #1

Severity: Significant

Facility ID: 1009005-002 - WELL 2

Category: Source

Attachment Comments: Well 2: There is a barrel of unknown liquid at the well site that needs to be removed to prevent the pathway for contamination



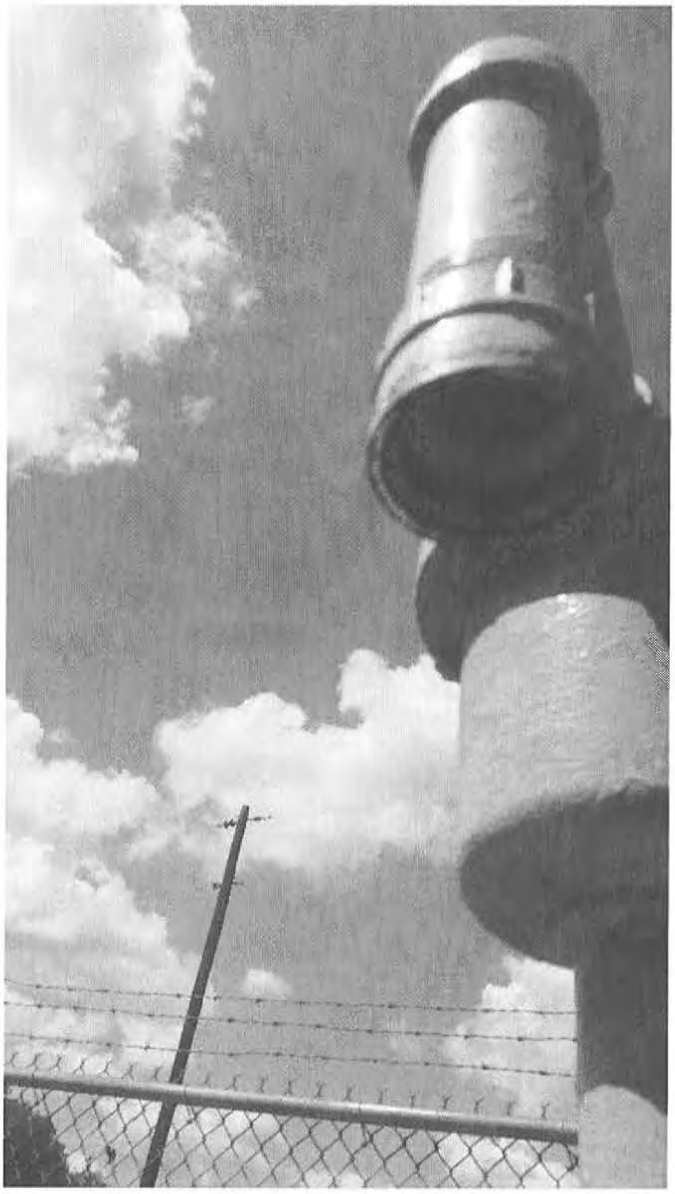
Attachment #2

Severity: Minor

Facility ID: TP002 - DISINFECTION COTTONPORT PUMP STATION

Category: Treatment

Attachment Comments: TP002: The fan is currently not operational, either the motor is burned out or there is an electrical issue. The chlorine room must be equipped with a working light and fan



Attachment #3

Severity: Minor

Facility ID: 1009005-005 - WELL 5

Category: Source

Attachment Comments: Well 5: 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.



Attachment #4

Severity: Recommendation

Facility ID: GR001 - GROUND TANK AT PLAUCHEVILLE STATION

Category: Finished Water Storage

Attachment Comments: GR001 GROUND TANK AT PLAUCHEVILLE STATION: Ladder doesn't have a guard to limit access to the Ground Storage Tank.



Attachment #5

Severity: Recommendation

Facility ID: TP001 - DISINFECTION PLAUCHEVILLE PUMP STATION

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 by individually with either a single device with multiple fastening points, or multiple restraining devices.



Attachment #6

Severity: Recommendation

Facility ID: TP002 - DISINFECTION COTTONPORT PUMP STATION

Category: Treatment

Attachment Comments: TP002: 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.



Attachment #7

Severity: Recommendation

Facility ID: TP007 - TREATMENT FOR WELL 2

Category: Treatment

Attachment Comments: TP007: 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 5296

September 26, 2019

John M. Armand
TOWN of EVERGREEN WATER SYSTEM
PO Box 85
Evergreen, LA 71333

Re: Class I Sanitary Survey
TOWN of EVERGREEN WATER SYSTEM Public Water System
PWS ID LA1009006
AVOYELLES Parish

Dear Mr. Armand:

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 TOWN of EVERGREEN 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
Wilson Moses	Town Of Evergreen 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
03/16/2017	03/29/2017	Sanitary Survey, Finished	Minor	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: Considerable amount of rust needing to be removed at all wells and WT facility; treat with rust inhibitor and paint with UV, weather resistant coating.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/16/2017	03/29/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED TANK #1, OFFICE
Comments: Should have splash pad installed to prevent erosion of soil.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/16/2017	03/29/2017	Sanitary Survey, Finished	Minor	Source	1009006-001-WELL #2
Comments: Considerable amount of rust needing to be removed; treat with rust inhibitor and paint with UV, weather resistant coating.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/16/2017	03/29/2017	Sanitary Survey, Finished	Minor	Source	1009006-002-WELL #3
Comments: Considerable amount of rust needing to be removed; treat with rust inhibitor and paint with UV, weather resistant coating.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/16/2017	03/29/2017	Sanitary Survey, Finished	Minor	Source	1009006-003-WELL #4
Comments:					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/16/2017	03/29/2017	Sanitary Survey, Finished	Minor	Source	1009006-003-WELL #4
Comments: Considerable amount of rust needing to be removed; treat with rust inhibitor and paint with UV, weather resistant coating.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/16/2017	03/29/2017	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT PLANT @ WELL #2
Comments: Chlorine storage at the Ground Storage Tank does not have operating vent fan for drawing out Chlorine gas nor is there a working light.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/16/2017	03/29/2017	Sanitary Survey, Finished	Minor	Treatment	TP002-TREATMENT PLANT @ WELL #3
Comments: Chlorine storage does not have operating vent fan for drawing out Chlorine gas nor is there a working light.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/16/2017	03/29/2017	Sanitary Survey, Finished	Minor	Treatment	TP003-TREATMENT PLANT @ WELL #4
Comments: Chlorine storage does not have operating vent fan for drawing out Chlorine gas nor is there a working light.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/16/2017	03/29/2017	Sanitary Survey, Finished	Minor	Treatment	TP007-TREATMENT PLANT @ BOOSTER STATION
Comments: Chlorine storage at the Ground Storage Tank does not have operating vent fan for drawing out Chlorine gas nor is there a working light.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/20/2013	01/08/2014	Formal Enforcement	Minor	Finished Water Storage	EL002-ELEVATED TANK #2, BOOSTER STATION
Comments: There was no splash pad under the overflow piping. A splash pad shall be provided underneath the overflow pipe at the tank site.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/20/2013	01/08/2014	Formal Enforcement	Minor	Finished Water Storage	GR001-GROUND STORAGE TANK
Comments: There was some rust on the overflow piping. The rust shall be removed from the piping, and the piping shall be painted to hinder the development of additional corrosion.					

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.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TANK #1, OFFICE	Finished Water Storage	EL001 OFFICE: The overflow pipe is not screened. The overflow pipe must be screened with 4 mesh non-corrodible screen. See **Attachment 1.**
FACILITY	CATEGORY	FINDINGS
EL002 - ELEVATED TANK #2, BOOSTER STATION	Finished Water Storage	EL002 COLLEGE STREET: The overflow pipe is not screened. The overflow pipe must be screened with 4 mesh non-corrodible screen. See **Attachment 2**.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE TANK	Finished Water Storage	GR001 COLLEGE STREET Overflow Pipe: 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. See **Attachment 3**.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE TANK	Finished Water Storage	GR001 COLLEGE STREET: The overflow pipe is not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen. See **Attachment 4**.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT @ WELL #2	Treatment	TP001 at Well 2: 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 5**.
FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT PLANT @ WELL #3	Treatment	TP002 at Well 3: 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 6**.
FACILITY	CATEGORY	FINDINGS
TP003 - TREATMENT PLANT @ WELL #4	Treatment	TP003 at Well 4: 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 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.

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,

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

ATTACHMENTS



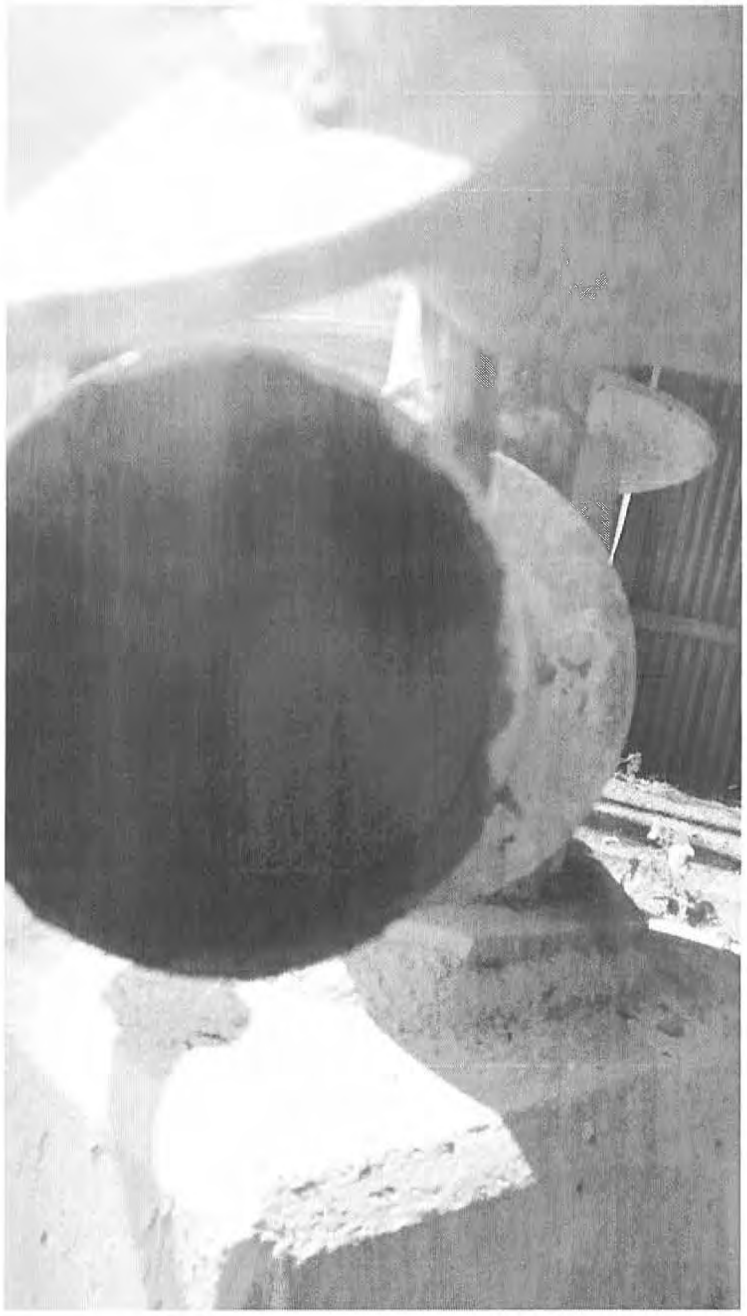
Attachment #1

Severity: Minor

Facility ID: EL001 - ELEVATED TANK #1, OFFICE

Category: Finished Water Storage

Attachment Comments: EL001 OFFICE: The overflow pipe is not screened. The overflow pipe must be screened with 4 mesh non-corrodible screen.



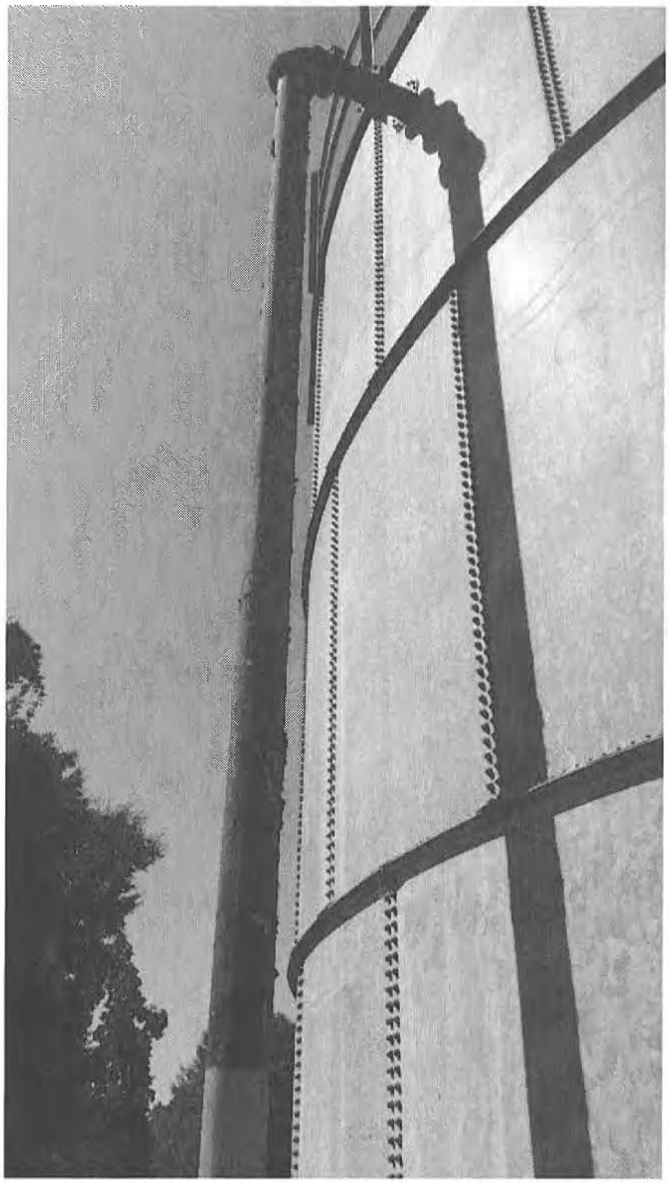
Attachment #2

Severity: Minor

Facility ID: EL002 - ELEVATED TANK #2, BOOSTER STATION

Category: Finished Water Storage

Attachment Comments: EL002 COLLEGE STREET: The overflow pipe is not screened. The overflow pipe must be screened with 4 mesh non-corrodible screen.



Attachment #3

Severity: Minor

Facility ID: GR001 - GROUND STORAGE TANK

Category: Finished Water Storage

Attachment Comments: GR001 COLLEGE STREET Overflow Pipe: 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.



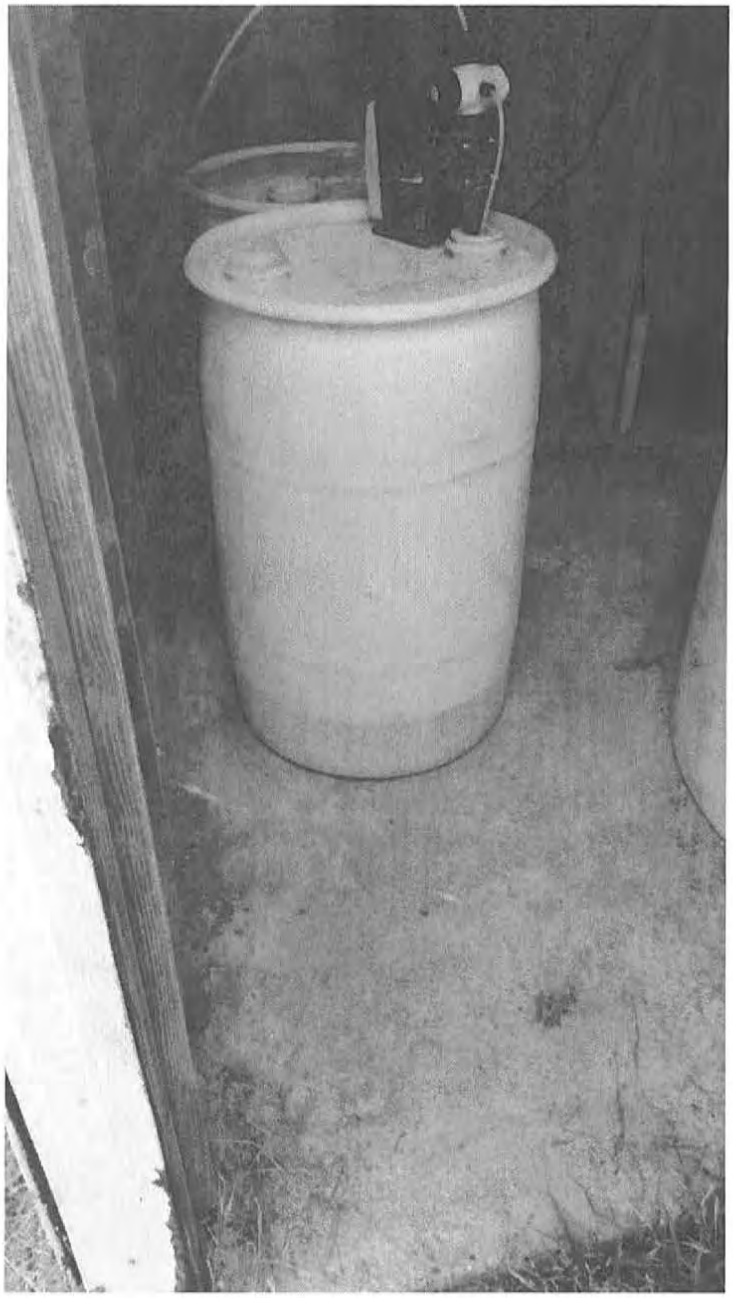
Attachment #4

Severity: Minor

Facility ID: GR001 - GROUND STORAGE TANK

Category: Finished Water Storage

Attachment Comments: GR001 COLLEGE STREET: The overflow pipe is not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen.



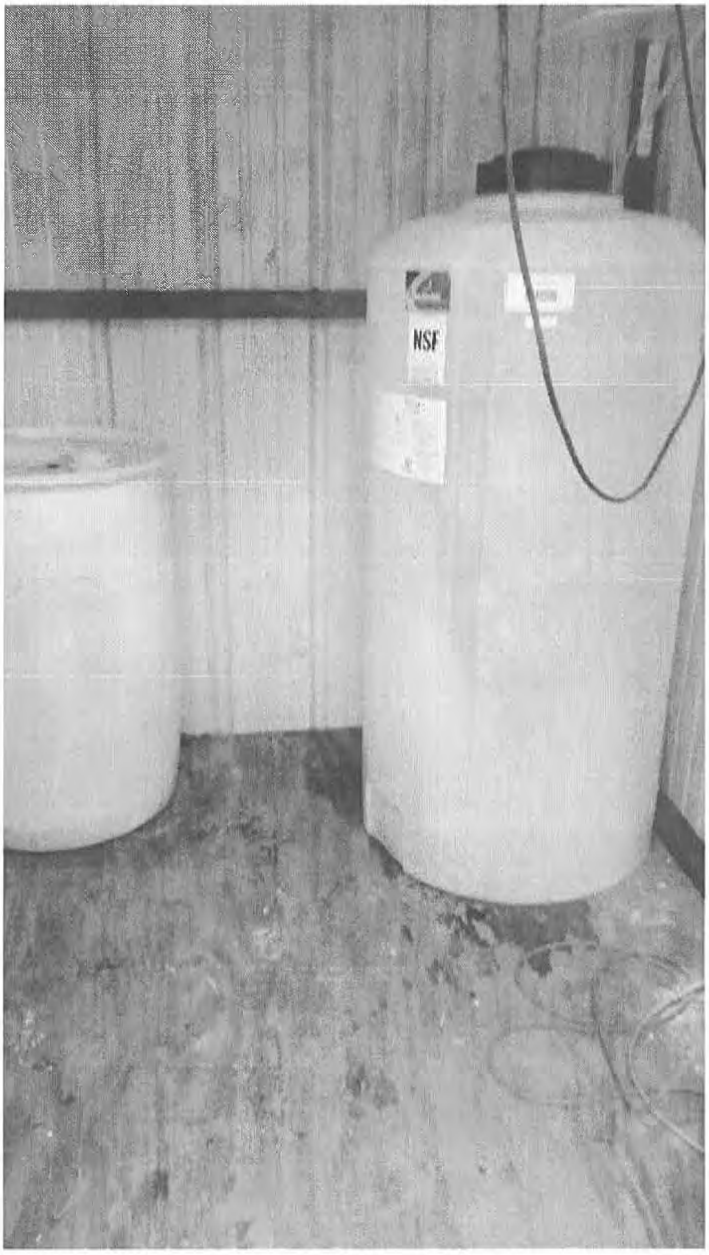
Attachment #5

Severity: Minor

Facility ID: TP001 - TREATMENT PLANT @ WELL #2

Category: Treatment

Attachment Comments: TP001 at Well 2: 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 #6

Severity: Minor

Facility ID: TP002 - TREATMENT PLANT @ WELL #3

Category: Treatment

Attachment Comments: TP002 at Well 3: 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 #7

Severity: Minor

Facility ID: TP003 - TREATMENT PLANT @ WELL #4

Category: Treatment

Attachment Comments: TP003 at Well 4: 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.

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 5944

May 9, 2019

William E. Edrington, III
LAWCO Mansura
P.O. Box 66396
Baton Rouge, LA 70896

Re: Class I Sanitary Survey
LAWCO Mansura
PWS ID LA1009010
Avoyelles 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 2, 2019 sanitary survey inspection of the public water supply system for LAWCO Mansura. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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 Engineering Services
William Charlot	LDH OPH Engineering Services
Donald Darbonne	Lawco
Mitchell Yeager	Lawco Mansura

NOTICE OF VIOLATIONS

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

The following list 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
03/16/2017	03/22/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED
Comments: Beginning to show signs of corrosion developing. Remove and treat with rust preventative; paint with UV and weather resistant coating as appropriate and per maintenance schedule.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/16/2017	03/22/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED
Comments: Remove and treat with rust preventative; paint with UV and weather resistant coating.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/16/2017	03/22/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GROUND
Comments: Remove and treat with rust preventative; paint with UV and weather resistant coating.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	The GST is not fully enclosed inside the fenced area, and part of the fencing is damaged causing gaps in the fence. The water system shall enclose the GST, and repair damaged areas of the fencing.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The formal cross connection plan that was adopted has not been fully implemented. The water system shall fully implement the CCCP.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The daily chlorine residual forms were not complete for each month. The water system shall take daily chlorine residuals, and transcribe the results on the proper state forms. **See Attachment #3 and #4**
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The MRT is located at the Elevated Storage Tank. The water system shall relocated the MRT sample tap. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	The EST overflow is not at an elevation of 12 and 24 inches above the ground. The water system shall provide an overflow which is between 12 and 24 inches from the ground surface. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	The ground storage tank had water pooling around the tank. The water system shall grade the area around the tank to prevent water from standing within 50 feet of it. **See Attachment #5 and #6**
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	The GST has evidence of corrosion and damage to the outside surface. The water system will inspect and repair the corrosion and damage to the outside surface of the GST.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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) 487-5282 x250.

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

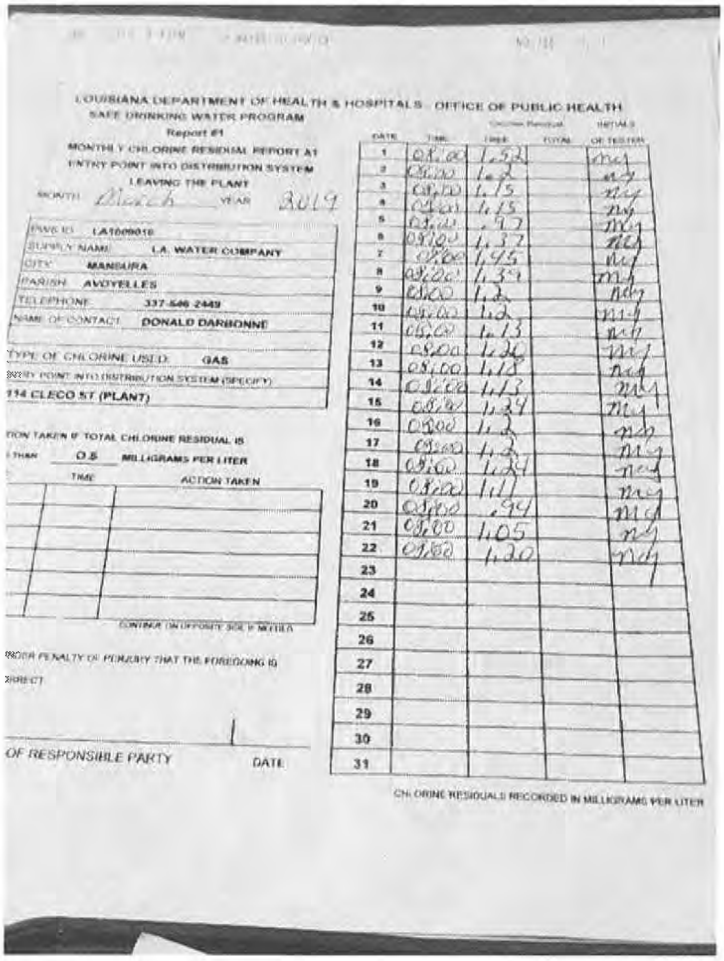
Office of Public Health



Attachment #1
Severity: Minor
Facility ID: DISTRIBUTION SYSTEM
Category: Distribution System
Attachment Comments: The MRT sample tap is not accessible and located on the EST.



Attachment #2
Severity: Minor
Facility ID: ELEVATED
Category: Finished Water Storage
Attachment Comments: The overflow is not at least 12 inches from the ground surface.



LOUISIANA DEPARTMENT OF HEALTH & HOSPITALS - OFFICE OF PUBLIC HEALTH
SAFE DRINKING WATER PROGRAM
Report #1
MONTHLY CHLORINE RESIDUAL REPORT AT
ENTRY POINT INTO DISTRIBUTION SYSTEM
LEAVING THE PLANT
MONTH: March YEAR: 2019

PWS ID: LA1009010
SUPPLY NAME: LA. WATER COMPANY
CITY: MANSURA
PARISH: AVOYELLES
TELEPHONE: 337-546-2449
NAME OF CONTACT: DONALD DARBONNE

TYPE OF CHLORINE USED: GAS
ENTRY POINT INTO DISTRIBUTION SYSTEM (SPECIFY)
114 CLECO ST (PLANT)

ACTION TAKEN IF TOTAL CHLORINE RESIDUAL IS
LESS THAN 0.5 MILLIGRAMS PER LITER

TIME	ACTION TAKEN

CONTINUE ON OPPOSITE SIDE IF NEEDED

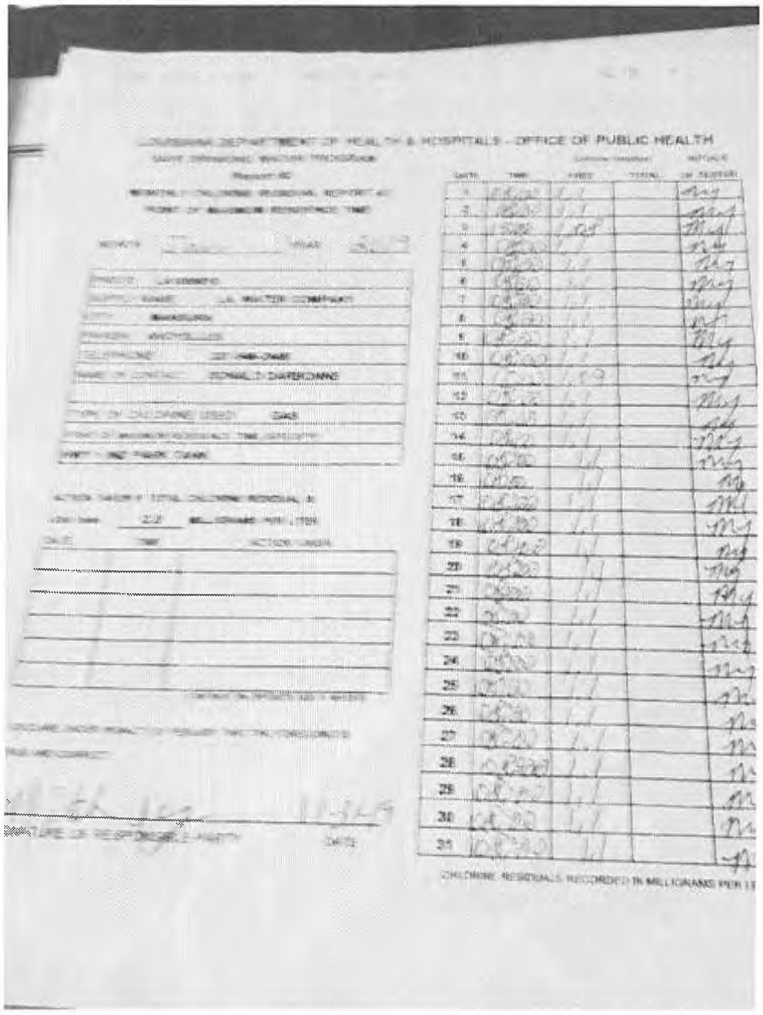
UNDER PENALTY OF PERJURY THAT THE FOREGOING IS CORRECT

OF RESPONSIBLE PARTY DATE

DATE	TIME	CHLORINE RESIDUAL	TOTAL	INITIALS OF TESTER
1	08:00	1.52		MG
2	08:00	1.2		MG
3	08:00	1.15		MG
4	08:00	1.15		MG
5	08:00	.97		MG
6	08:00	1.37		MG
7	08:00	1.45		MG
8	08:00	1.39		MG
9	08:00	1.2		MG
10	08:00	1.2		MG
11	08:00	1.13		MG
12	08:00	1.26		MG
13	08:00	1.18		MG
14	08:00	1.13		MG
15	08:00	1.34		MG
16	08:00	1.2		MG
17	08:00	1.2		MG
18	08:00	1.21		MG
19	08:00	1.11		MG
20	08:00	.94		MG
21	08:00	1.05		MG
22	08:00	1.30		MG
23				
24				
25				
26				
27				
28				
29				
30				
31				

CHLORINE RESIDUALS RECORDED IN MILLIGRAMS PER LITER

Attachment #3
Severity: Minor
Category: M&R and Data Verification
Attachment Comments: Example of missing daily residual results.



Attachment #4
Severity: Minor
Category: M&R and Data Verification
Attachment Comments: Inaccurate completion of report form #2 MRT.



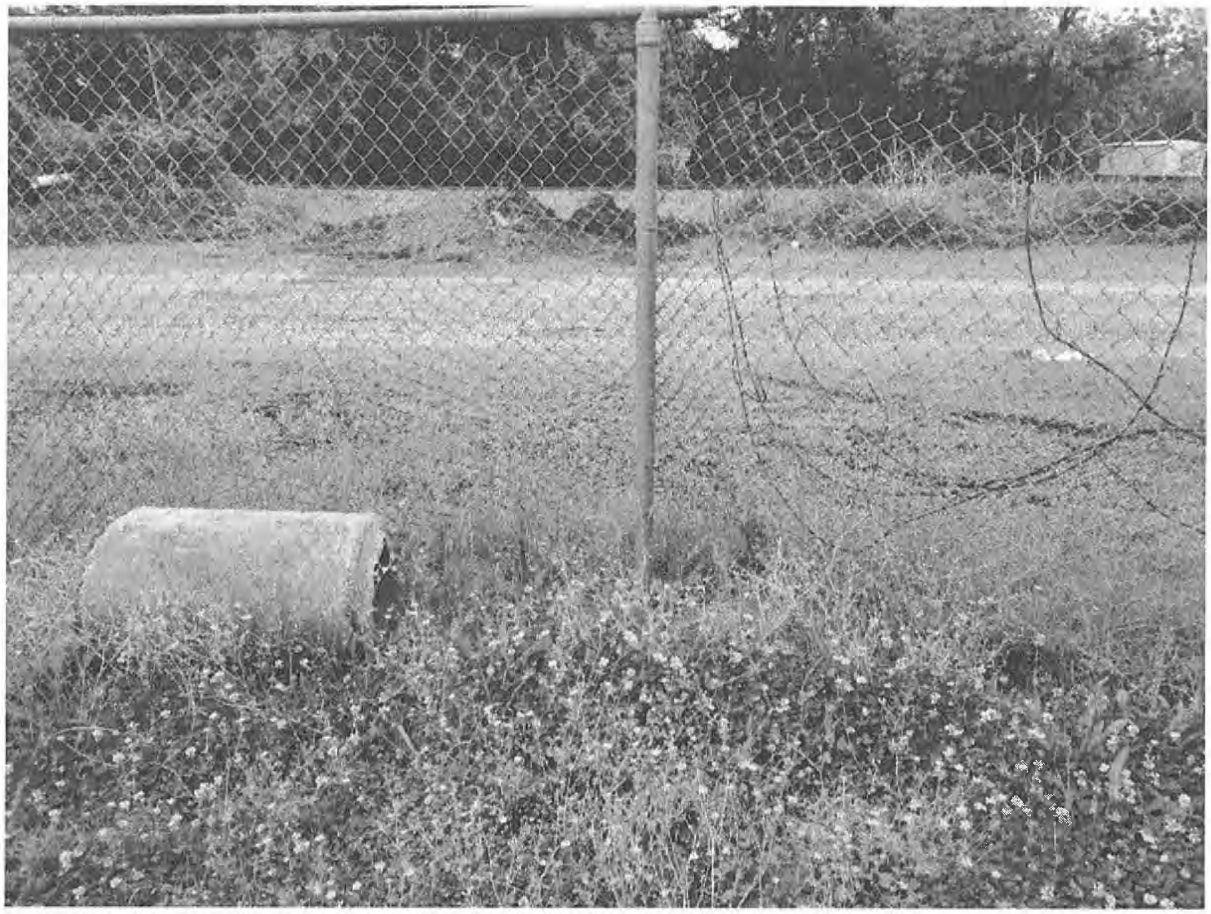
Attachment #5
Severity: Minor
Facility ID: GROUND
Category: Finished Water Storage
Attachment Comments: Water standing around GST.



Attachment #6
Severity: Minor
Facility ID: GROUND
Category: Finished Water Storage
Attachment Comments: Corrosion and damage to outside surface.



Attachment #7
Severity: Significant
Category: Security
Attachment Comments: GST is not fully enclosed in the fenced in area.



Attachment #8
Severity: Significant
Category: Security
Attachment Comments: Gaps in fencing.

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 6545

October 30, 2019

Leslie Draper III
TOWN of SIMMESPORT WATER SYSTEM
Simmesport, LA 71369

Re: Class I Sanitary Survey
TOWN of SIMMESPORT WATER SYSTEM Public Water System
PWS ID LA1009014
AVOYELLES Parish

Hello Mayor Draper III:

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 TOWN of SIMMESPORT 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
Charles Carter	Town Of Simmesport Water Sys

NOTICE OF VIOLATIONS

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

The following list 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	09/28/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED TANK #1
Comments: Elevated tank needs to be repainted					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/29/2016	09/28/2016	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: Records should be kept in office for a ten year period due to chlorine residual results					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/29/2016	09/28/2016	Sanitary Survey, Finished	Minor	Source	1009014-001-WELL 1 MAIN
Comments: Piping is in need of sanding and a new coat of paint.					

Significant Deficiencies

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.

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	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
EL001 - ELEVATED TANK #1	Finished Water Storage	EL001: The overflow pipe is not screened. The overflow pipe must be screened with 4 mesh non-corrodible screen. **See Attachment 1.**
FACILITY	CATEGORY	FINDINGS
TP002 - DISINFECTION WELL 2	Treatment	TP002 DISINFECTION WELL 2: 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 2.**
FACILITY	CATEGORY	FINDINGS
1009014-001 - WELL 1 MAIN	Source	WELL 1 MAIN: 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 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 - DISINFECTION WELL 1	Treatment	TP001 - DISINFECTION WELL 1: 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 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 – 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

Violation Number	Violation Date	Violation Type	Compliance Period
6004527	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:

Respectfully,

William Charlot

William Charlot,

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

ATTACHMENTS



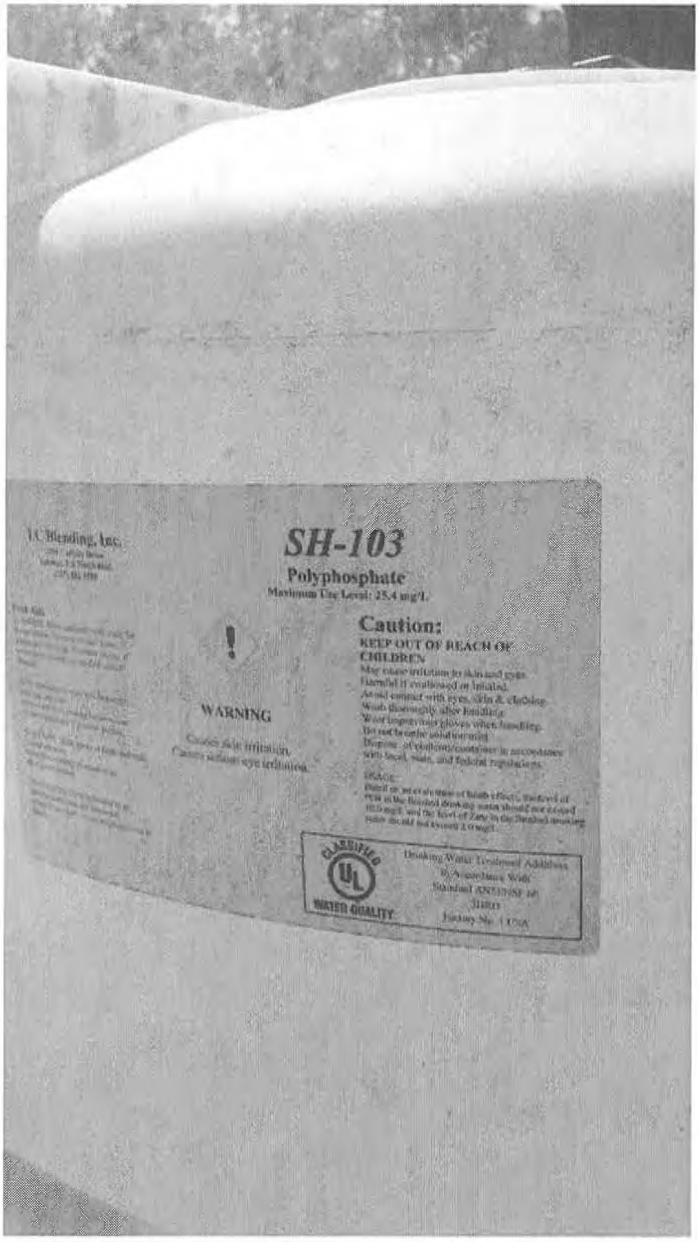
Attachment #1

Severity: Minor

Facility ID: EL001 - ELEVATED TANK #1

Category: Finished Water Storage

Attachment Comments: EL001: The overflow pipe is not screened. The overflow pipe must be screened with 4 mesh non-corrodible screen.



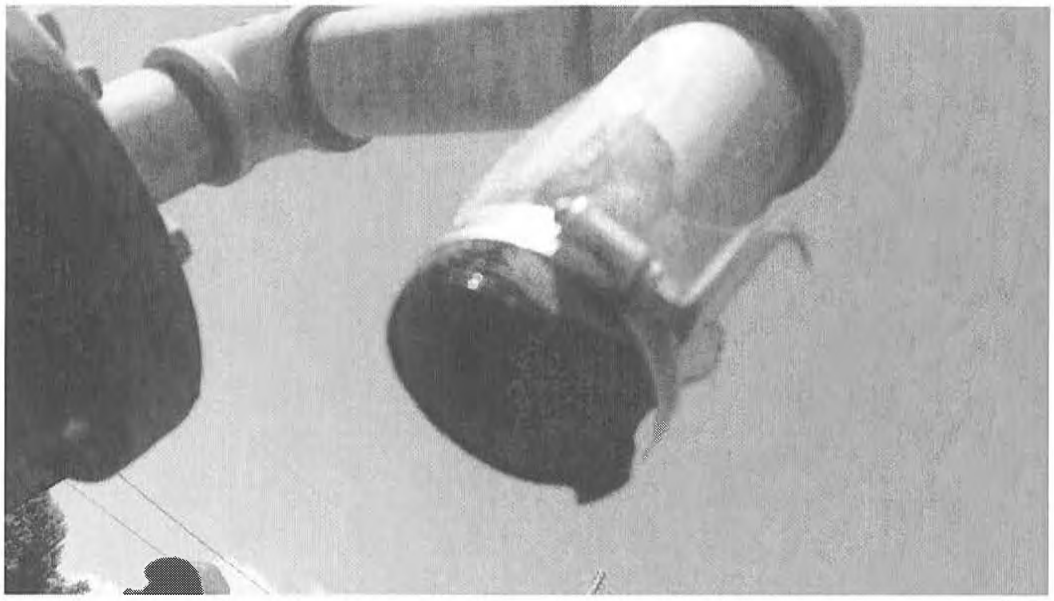
Attachment #2

Severity: Minor

Facility ID: TP002 - DISINFECTION WELL 2

Category: Treatment

Attachment Comments: TP002 DISINFECTION WELL 2: 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 #3

Severity: Minor

Facility ID: 1009014-001 - WELL 1 MAIN

Category: Source

Attachment Comments: WELL 1 MAIN: 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.



Attachment #4

Severity: Recommendation

Facility ID: TP001 - DISINFECTION WELL 1

Category: Treatment

Attachment Comments: TP001 - DISINFECTION WELL 1: 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 5272

October 17, 2019

Jimmy Moss
AVOYELLES WARD ONE WATER SYSTEM INC
162 Hayes Cemetery Road
Effie, LA 71331

Re: Class I Sanitary Survey
AVOYELLES WARD ONE WATER SYSTEM INC Public Water System
PWS ID LA1009016
AVOYELLES Parish

Hello Mr. Moss:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 13, 2019 sanitary survey inspection of the public water supply system for AVOYELLES WARD ONE 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
David LaPrarie	Avoyelles Ward 1 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	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
GR001 - GROUND TANK	Finished Water Storage	GR001: The overflow for the ground storage tank is not at a level 12-24in above the 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
TP002 - TREATMENT PLANT	Treatment	TP002: Full and empty cylinders of chlorine gas should be restrained individually to prevent falling. **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 – 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: Autumn Permenter, P. E., District Engineer, LDH-OPH-Engineering

ATTACHMENTS



Attachment #1

Severity: Minor

Facility ID: GR001 - GROUND TANK

Category: Finished Water Storage

Attachment Comments: GR001: The overflow for the ground storage tank is not at a level 12-24in above the splash plate.

ATTACHMENTS



Attachment #2

Severity: Recommendations

Facility ID: TP002 - TREATMENT PLANT

Category: Treatment

Attachment Comments: TP002: Full and empty cylinders of chlorine gas should be restrained individually to prevent falling.

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 6065

May 23, 2019

Jerry Cooley
BEAUREGARD DISTRICT NO 2 WARD NO 5
P.O. Box 97
Singer, LA 70660

Re: Class I Sanitary Survey
BEAUREGARD DISTRICT NO 2 WARD NO 5 Public Water System
PWS ID LA1011012
BEAUREGARD Parish

Dear Mr. Cooley:

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 BEAUREGARD DISTRICT NO 2 WARD NO 5 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Jeremy Joffrion	Beauregard District 2 Ward 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

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1011012-004 - WELL #4 - STANLEY SMITH (WEST)	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 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.

It was discussed that hose bibs would be added to well piping to support maintenance activities. These hose bibs must be properly protected with atmospheric vacuum breakers. If a hose with a control valve, can void this protective measure. It is best that all hoses used in maintenance activities, with or without a control valve, are removed when from the hose bib with activities have been completed.

Previous tank inspections were conducted using remote operated vehicles. Subsequent cleaning was conducted by this unit while valved off from the distribution system. LDH supports remote operated vehicles and diver inspections, but require cleaning measures involving properly draining the tank. Once cleaning is completed, the tank is filled, disinfected, sampled, and cleared before being returned to service. Cleaning by remote operate vehicles and divers can be approved by LDH in special circumstance, but are generally not allowed due to fear of inadvertent contaminant from disturbed debris that may not be completely removed.

Written Response Required

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 Engineer

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

Attachments:

Attachment A.1. **Corrosion Control**
Facility ID: **1011012-004 - WELL #4 - STANLEY SMITH (WEST)**
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 1830 0000 9275 0713 – Return Receipt Requested

June 13, 2019

Jerry Simpson
ALABAMA WATER SYSTEM
596 Nicholson Road
Arcadia, LA 71001

Re: Class I Sanitary Survey
ALABAMA WATER SYSTEM Public Water System
PWS ID LA1013001
BIENVILLE Parish

Dear Mr. Simpson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 3, 2019 sanitary survey inspection of the public water supply system for ALABAMA 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
Clyde Aycock	Alabama Water System
Jerry Simpson	Alabama 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	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. The check valve in the filter room was leaking a fair amount of water. The check valve shall be replaced so as to prevent the entrance of harmful contaminants into the water piping. **See Attachment #3.**
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. There was a gap below the security gate that was able to be crawled under at the Deer Creek site. The gap shall be filled so as to prevent any unauthorized access into the well site.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE 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 level gauge was no longer in use and shall be plugged to prevent the entrance of insects into the ground storage tank. The vent for the aeration system was not screened. A screen shall be added to prevent the entrance of insects into the water piping and storage tank. **See Attachment #1 and #2**
FACILITY	CATEGORY	FINDINGS
1013001-006 - 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. The air release valve was missing a screen. A screen shall be added to prevent a pathway for contamination.
FACILITY	CATEGORY	FINDINGS
1013001-003 - WELL #3 REMOTE (DEER CREEK)	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 that could lead to a pathway for contamination. The holes shall be sealed.
FACILITY	CATEGORY	FINDINGS
1013001-004 - WELL #4 (BACK	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

FORTY RD.)		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 that could lead to a pathway for contamination. The holes shall be sealed.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP003 - CHLORINATION @ WELL #3	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. There was no fan or light in the chlorine building. A fan and light shall be added and shall be made to operate on a single switch controlling both the fan and the light.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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 - MAIN PLANT BACK FORTY RD	Treatment	Adequate housing must be provided for the chlorination equipment and for storing the chlorine. The light was broken at the chlorine building and 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 – 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



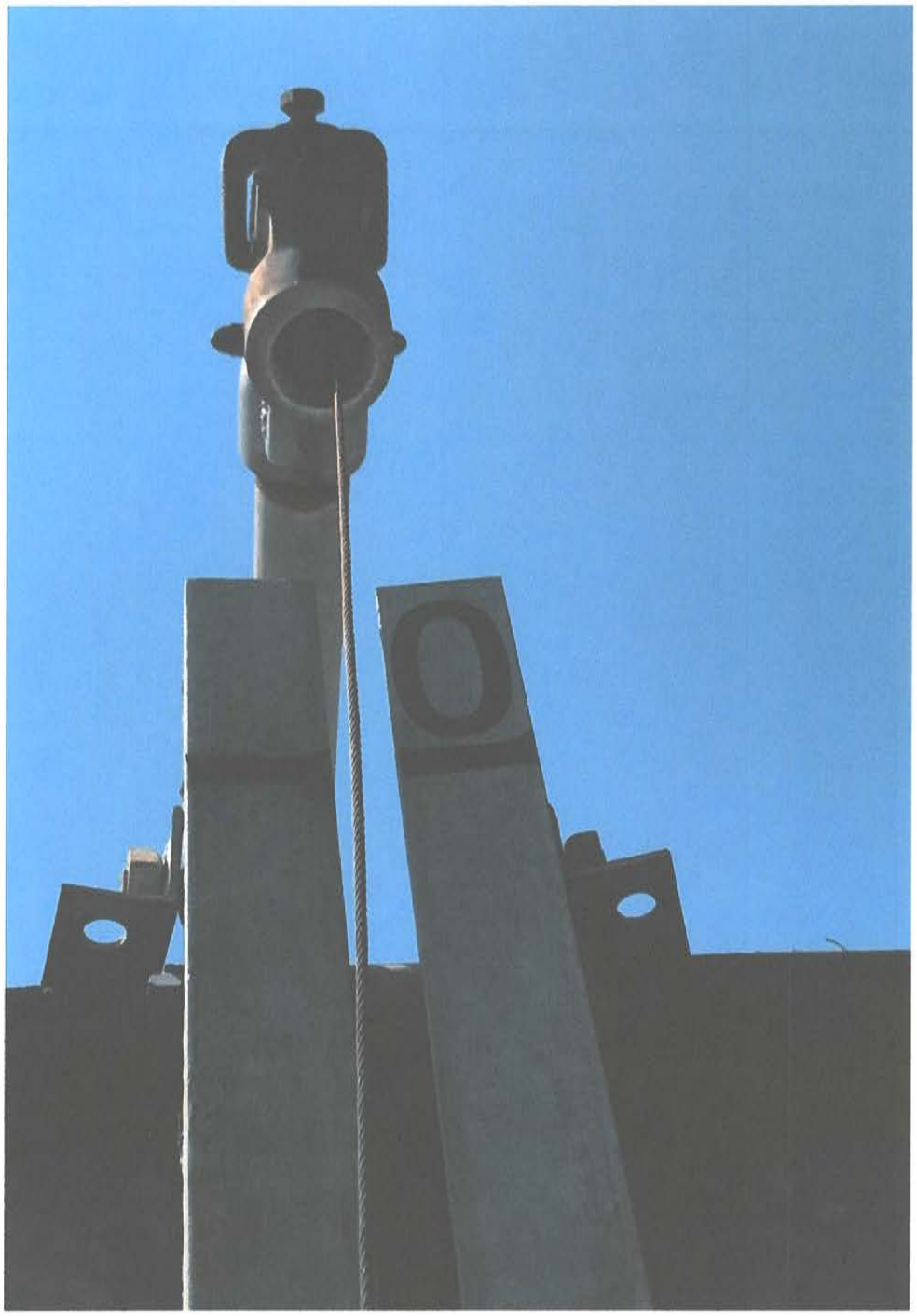
Attachment #1

Severity: Significant

Facility ID: GROUND STORAGE TANK

Category: Finished Water Storage

Attachment Comments: Vent Not Screened

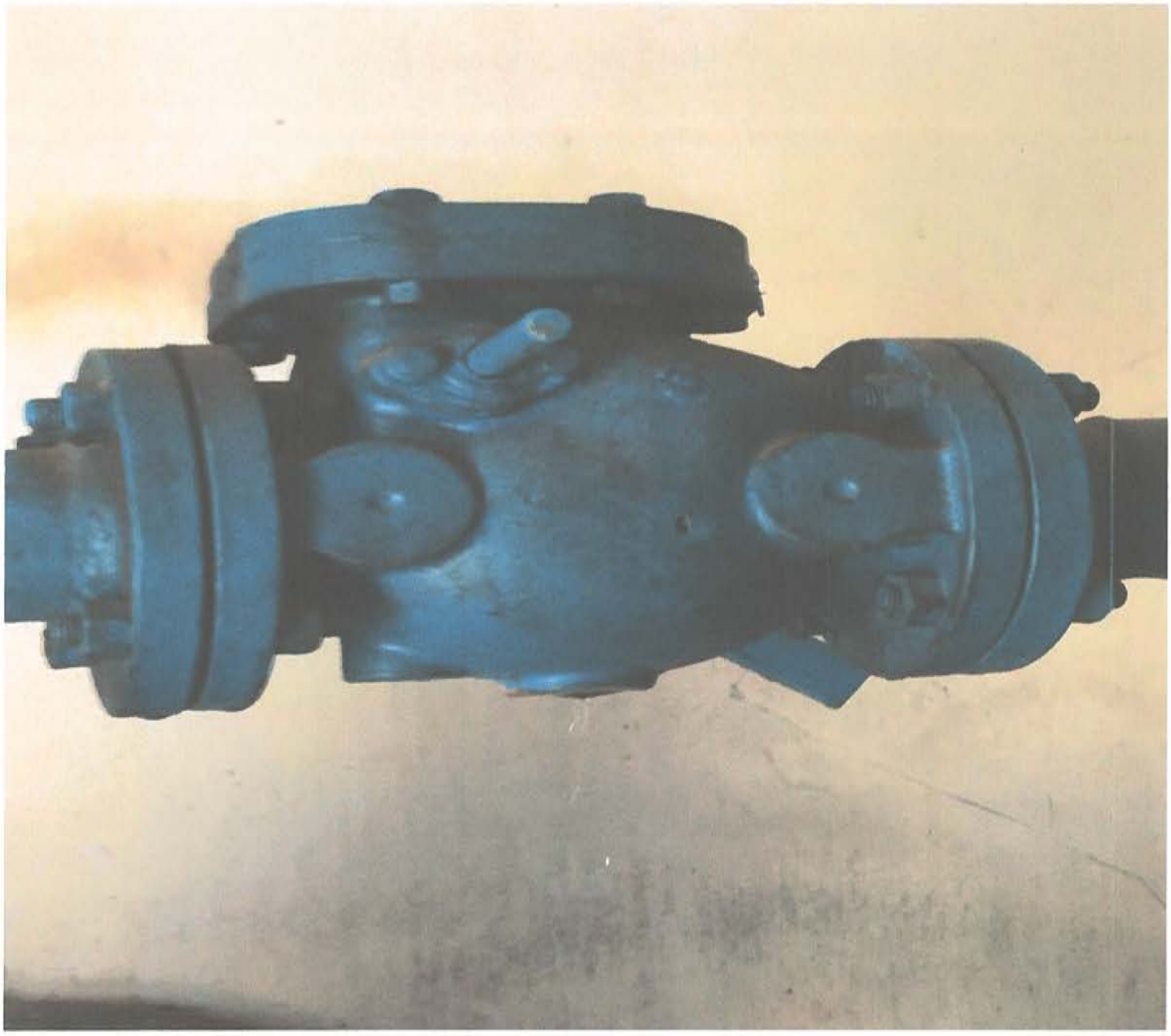


Attachment #2

Severity: Significant

Category: Finished Water Storage

Attachment Comments: Level Gauge open to atmosphere and should be screened



Attachment #3

Severity: Significant

Category: M&R and Data Verification

Attachment Comments: Check Valve was leaking

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 0843- Return Receipt Requested

September 16, 2019

Scott Yarnell
ALBERTA WATER SYSTEM
P.O. Box 145
Castor, LA 71016-0145

Re: Class I Sanitary Survey
ALBERTA WATER SYSTEM Public Water System
PWS ID LA1013002
BIENVILLE Parish

Dear Mr. Yarnell:

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 ALBERTA 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
Andy Freeman	Red River Power 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/14/2017	03/20/2017	Formal Enforcement	Minor	Treatment	TP001-MAIN PLANT ROYTOWN
Comments: The chlorine building didn't have a fan installed. An exhaust fan must be installed near the floor of the building.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	The fence at the Roytown Plant had a hole in it that could be entered into. The fence shall be repaired to prevent unauthorized access into the treatment facility.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	There was no formal cross connection control program in place at the time of the inspection. A cross connection control program shall be drafted, approved and implemented. 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
GR002 - GST #2, BYRD	Finished Water Storage	There was no screen on the overflow and the level gauge was open to the atmosphere at the time of the inspection. A screen shall be added to the overflow and the level gauge should be sealed from the atmosphere prevent the entrance of birds, insects and other contaminants into the ground storage tank.
FACILITY	CATEGORY	FINDINGS
GR001 - GST #1, ROYTOWN	Finished Water Storage	There was no screen on the overflow at the time of the inspection. A screen shall be added to prevent the entrance of birds, insects and other contaminants into the ground storage tank. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
1013002-003 - WELL #3, BYRD STATION	Source	There was a gap between the electrical conduit and where it screws into the well casing and there was no screen on the well vent. The conduit shall be screwed in properly and a screen shall be added to the vent to prevent the entrance of contamination into the well. **See Attachment #1 and #2**
FACILITY	CATEGORY	FINDINGS
1013002-001 - WELL #1,	Source	There was a hole in the well slab and there were holes in the back of the electrical box at the time of the inspection. It hole in the slab

ROYTOWN		shall be plugged and the holes in the electrical box shall be sealed to prevent a pathway for contamination into the well. **See Attachment #4 and #3**
FACILITY	CATEGORY	FINDINGS
1013002-005 - WELL #5, J.B. LEE	Source	There was an open drawdown tube and a gap in the well casing at the time of the inspection. The drawdown tube and gap shall be sealed to prevent the entrance of contaminants into the well. **See Attachment #6**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	There were no records available for review at the time of the inspection. All records shall be made available to the inspector at the time of the inspection.
FACILITY	CATEGORY	FINDINGS
1013002-004 - WELL #4, HOLLOWELL	Source	The pressure gauge on the well was rusty. A new pressure gauge shall be installed. **See Attachment #8**
FACILITY	CATEGORY	FINDINGS
1013002-005 - WELL #5, J.B. LEE	Source	The well was starting to show signs of corrosion and shall be repainted to protect the discharge piping form contamination. **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
Management	System Management and Operation	The chemical room at the Roytown Plant was cluttered at the time of the inspection. The grass was overgrown at the JB Lee Well and the Hollo Well. The chemical room should be cleaned up and the grass should be cut.

FACILITY	CATEGORY	FINDINGS
TP002 - BYRD TREATMENT PLANT	Treatment	The chlorine gas cylinders were not individually chained at the time of the inspection. The chlorine gas cylinders should be individually chained to prevent upset.
FACILITY	CATEGORY	FINDINGS
TP002 - BYRD TREATMENT PLANT	Treatment	The light and fan in the chlorine room were inoperable at the time of the inspection. The light and fan should be brought back to working order.
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT ROYTOWN	Treatment	The light was out in the chlorination building at the time of the inspection. A light should be added to the room.

Written Response Required

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

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
06/24/2019	0.134 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2019 - 06/30/2019
06/24/2019	0.142 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2019 - 06/30/2019
06/24/2019	0.155 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
06/24/2019	0.199 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
03/26/2019	0.182 MG/L	0.060 MG/L	TOTAL HALOACETIC	01/01/2019 - 03/31/2019

			ACIDS (HAA5)	
03/26/2019	0.144 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
03/26/2019	0.142 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
03/26/2019	0.186 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
12/10/2018	0.182 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
12/10/2018	0.134 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
12/10/2018	0.139 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
12/10/2018	0.174 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
09/21/2018	143 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
09/21/2018	169 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
09/21/2018	127 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
09/21/2018	111 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
215	08/22/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	08/01/2019 - 08/31/2019
214	08/07/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2019 - 07/31/2019
201	12/04/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	11/01/2018 - 11/30/2018
200	10/04/2018	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 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

Attachments



Attachment #1

Severity: Significant

Facility ID: WELL #3, BYRD STATION

Category: Source

Attachment Comments: Well vent screen is torn.

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 #3, BYRD STATION

Category: Source

Attachment Comments: Hole where conduit has detached.



Attachment #3

Severity: Significant

Facility ID: WELL #1, ROYTOWN

Category: Source

Attachment Comments: Unknown hole going into well slab.



Attachment #4

Severity: Significant

Facility ID: WELL #1, ROYTOWN

Category: Source

Attachment Comments: Holes in the back of the electrical box.



Attachment #5

Severity: Significant

Facility ID: GST #1, ROYTOWN

Category: Finished Water Storage

Attachment Comments: Screen on overflow is torn.



Attachment #6

Severity: Significant

Facility ID: WELL #5, J.B. LEE

Category: Source

Attachment Comments: Open hole in casing and open drawdown tube.



Attachment #7

Severity: Minor

Facility ID: WELL #5, J.B. LEE

Category: Source

Attachment Comments: Well needs repainting.



Attachment #8

Severity: Minor

Facility ID: WELL #4, HOLLOWELL

Category: Source

Attachment Comments: Well needs repainting.

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 0850- Return Receipt Requested

September 20, 2019

Mr. Wesley Boddie, Mayor
Bienville Water System
P.O. Box 207
Bienville, LA 71008

Re: Class I Sanitary Survey
Bienville Water System
PWS ID LA1013004
Bienville Parish

Dear Mayor Boddie:

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 Bienville 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
Clyde Aycock	Bienville Water System
Mary Ann Brunston	Bienville 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
Management	Security	The ladder guard on Ground Storage Tank #2 was not capable of being locked. The ladder shall either be removed 6 feet off of the ground or shall be equipped with a ladder guard that is capable of being locked when not in use.
FACILITY	CATEGORY	FINDINGS
GR002 - Ground Storage Tank	Finished Water Storage	There was no screen on the overflow at the time of the inspection. A screen shall be added to prevent the entrance of birds, insects or other contaminants into the treated drinking water.
FACILITY	CATEGORY	FINDINGS
TP001 - Main Plant Main Street	Treatment	At the time of the inspection, the chemical feed pumps were not properly secured which could result in the interruption of treatment if the pumps are disrupted. The chemical feed pumps shall be secured to a stable surface to ensure continuous treatment is not interrupted.
FACILITY	CATEGORY	FINDINGS
1013004-001 - Well #1	Source	The check valve on the well discharge piping was broken at the time of the inspection. The check valve shall be repaired or replaced.
FACILITY	CATEGORY	FINDINGS
1013004-002 - Well #2	Source	The check valve on the well discharge piping was broken at the time of the inspection. The check valve shall be repaired or replaced.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1013004-001 - WELL #1	Source	At the time of the inspection, there was no flow meter on the well. A flow meter shall be added.

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

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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

CERTIFIED MAIL: 7018 1830 0000 9275 0683 – Return Receipt Requested

June 12, 2019

Aundria S. Loe
BRYCELAND WATER SYSTEM
100 Fire Station Road #7
Bienville, LA 71108

Re: Class I Sanitary Survey
BRYCELAND WATER SYSTEM Public Water System
PWS ID LA1013005
BIENVILLE Parish

Dear Mayor Loe:

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 BRYCELAND 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
Clyde Aycock	Bryceland Water System
Aundria S. Loe	Bryceland 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
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The Water System did not have a formal cross connection control program in place. A cross connection control program shall be implemented for the water 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.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE 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 did not have a screen on it under the flapper valve. A screen shall be added to prevent the entrance of insects and small animals into the ground storage tank. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT HWY 9	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. The potassium permanganate feeder was sitting on the top of the mixing tank and was not properly secured. This feeder could fall of the tank and become disconnected, and shall be secured to prevent this. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1013005-002 - WELL #2	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.
FACILITY	CATEGORY	FINDINGS
1013005-002 - 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. There was no screen on the air release valve, and there was a sizable hole at the base of the vent where it connects to the well casing. These could both provide a direct pathway for contamination into the well casing. A screen shall be added to the air release valve and the hole at the bottom of the vent shall be repaired. **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
1013005-002 - WELL #2	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 flow meter on the discharge piping for the well. A flow meter shall be added.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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: 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
S1806540-001	Routine	11/13/2018		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
4092998	12/04/2018	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 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 #2

Category: Source

Attachment Comments: There was a sizable hole in the base of the vent.



Attachment #2

Severity: Significant

Facility ID: GROUND STORAGE TANK

Category: Finished Water Storage

Attachment Comments: There was not screen on the overflow valve



Attachment #3

Severity: Significant

Facility ID: MAIN PLANT HWY 9

Category: Treatment

Attachment Comments: The chemical pump was not secured

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 2677**

May 8, 2019

Vanessa Reed
EDWARDS MILLCREEK WATER SYSTEM
P.O. Box 125
Bienville, LA 71008

Re: Class 2 Follow-Up Sanitary Survey Site Visit
EDWARDS MILLCREEK WATER SYSTEM Public Water System
PWS ID LA1013010
BIENVILLE Parish

Dear Ms. Reed:

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 11, 2019 Follow-Up Sanitary Survey inspection of the public water supply EDWARDS MILLCREEK 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**
Danny Mortimer	OPH Region VII Engineering
Tommy Thompson	Edwards Millcreek Water System

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1804072-	Routine	7/16/2018		0.750	

002					

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
4055379	11/05/2018	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

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
04/25/2013	05/07/2013	Formal Enforcement	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: The water system must create a formal cross connection program.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
04/25/2013	05/07/2013	Formal Enforcement	Significant	System Management and Operation	Management
Comments: The water system must record the chlorine residual daily. This will help determine when chlorine residuals are low from Bienville Water System.					

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: Danny Mortimer, 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 318-676-7485.

Respectfully,

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

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: 7018 1830 0001 0572 3338

November 27, 2019

Charlie Andrews
Mt Lebanon Water System
P. O. Box 742
Gibsland, LA 71028

Re: Class I Sanitary Survey
Mt Lebanon Water System Public Water System
PWS ID LA1013011
Bienville Parish

Dear Mr. Andrews:

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 Mt Lebanon 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	LDH-OPH Engineering Services
Clyde Aycock	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
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 existing fence line shall be cleaned to remove all vegetation and/or trees (see Photo 1).

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT HWY 154	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 light is currently not working and shall be repaired to be fully functioning.
FACILITY	CATEGORY	FINDINGS
1013011-002 - WELL #2	Source	The discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage and freezing. All deteriorated piping insulation shall be replaced to ensure this protection (see Photo 2 & 3).
FACILITY	CATEGORY	FINDINGS
1013011-002 - WELL #2	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 current flow meter is currently inoperable and shall be replaced (see Photo 4).


Photo 1


Photo 2


Photo 3


Photo 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
GR001 - GROUND STORAGE TANK	Finished Water Storage	All ladders shall be terminated least six (6') for the ground.

Written Response Required

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

Violation Number	Violation Date	Violation Type	Compliance Period
7008824	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 318-676-7489.

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 9275 0454- Return Receipt Requested

January 29, 2019

Kathy Robinson
MT OLIVE WATER SYSTEM
17657 Hwy 4
Bienville, LA 71008

Re: Class I Sanitary Survey
MT OLIVE WATER SYSTEM Public Water System
PWS ID LA1013012
BIENVILLE Parish

Dear Ms. Robinson:

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 of the public water supply system for MT OLIVE 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
Jerry Robinson	Bear Creek 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
02/29/2016	03/04/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	GR002-GST #2 @ SAND HILL
Comments: Fill and level area around tank to prevent standing water					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/29/2016	03/04/2016	Sanitary Survey, Finished	Minor	Source	1013012-002-WELL #2, SAND HILL
Comments: Well needs a new pressure gauge installed					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The filters at the Mt Olive and Sand Hill sites were extremely corroded. The Mt Olive Filter was leaking and a plywood board had to be put up to stop the water from spraying across the filter room. The operator expressed concern that the filters could fail soon due to their dilapidated state. The filters should be repaired or replaced to ensure that continuous filtration of the water is not lost. The sample tap on the piping coming from the filters at the Mt Olive site was loose and could fall out soon. The sample tap should be re-sealed or replaced to protect the finished water quality. **See Attachment #8, #11, #10 and #9**
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The Water System did not have any means of 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 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	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
GR001 - GST #1 @ MT. OLIVE	Finished Water Storage	The old level gauge had been abandoned and there is a hole where the wire used to run. The hole goes directly into the ground storage tank and should be plugged to prevent the entrance of small insects into the tank. There was no screen on the overflow piping, which could allow for the entrance of insects and small animals into the storage tank. A 24-mesh screen should be added to the overflow piping. 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 and #6**
FACILITY	CATEGORY	FINDINGS
GR002 - GST #2 @ SAND HILL	Finished Water Storage	The overflow piping did not have a screen on it which could provide the entrance of insect or small animals into the 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.
FACILITY	CATEGORY	FINDINGS
TP002 - SANDHILL PLANT	Treatment	The caustic feed pump was resting on top of the caustic drum and was not secure. If the caustic feeder were to fall off of the drum and disconnect, there would be no dosing of the chemical until the operator returned to the site and saw the problem. The feed pump shall be secured in a fixed position. 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
TP001 - MT OLIVE PLANT	Treatment	The caustic feed pump was resting on top of the caustic drum and was not secure. If the caustic feeder were to fall off of the drum and disconnect, there would be no dosing of the chemical until the operator returned to the site and saw the problem. The feed pump shall be secured in a fixed position. 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 #12**
FACILITY	CATEGORY	FINDINGS

1013012-001 - WELL #1, MT. OLIVE	Source	The electrical conduit was exposed to the atmosphere. There was an large open pipe coming directly out of the well slab. The conduit could provide a pathway for contamination into the well and should be re-sealed to the electrical box. The open pipe stemming from the well slab is a direct pathway for contamination and should be removed and the hole. The pipe used to be should be sealed to prevent the entrance of harmful contaminants into the well. 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 #1**
FACILITY	CATEGORY	FINDINGS
1013012-002 - WELL #2, SAND HILL	Source	The electrical conduit was exposed to the atmosphere. There was a large open pipe coming directly out of the well slab. There was also a disinfection tube going into the well casing that was open to the atmosphere. The conduit could provide a pathway for contamination into the well and should be re-sealed to the electrical box. The disinfection tube should be capped or removed. The open pipe stemming from the well slab is a direct pathway for contamination and should be removed. The hole where the pipe used to be should be sealed to prevent the entrance of harmful contaminants into the well. **See Attachment #4, #3 and #5**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The Water System did not have their Consumer Confidence Report (CCR) available at the time of the inspection. 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 is public water system identification number (PWS ID #).
FACILITY	CATEGORY	FINDINGS
GR002 - GST #2 @ SAND HILL	Finished Water Storage	The ground storage tank was starting to look dirty and show mild signs of corrosion. The tank shall be cleaned and repainted to prevent further corrosion. Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both.
FACILITY	CATEGORY	FINDINGS
GR001 - GST #1 @ MT. OLIVE	Finished Water Storage	The overflow piping extended outwards from the bottom of the tank horizontally and did not have 24-mesh screen on it. 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.

FACILITY	CATEGORY	FINDINGS
GR001 - GST #1 @ MT. OLIVE	Finished Water Storage	There was no splash pad for the overflow piping. A splash pad shall be added. 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
TP002 - SANDHILL PLANT	Treatment	There was no switch or light for the chlorine gas building. A light 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. A signal light indicating fan operation shall be provided at each entrance when the fan can be controlled from more than one point.
FACILITY	CATEGORY	FINDINGS
TP001 - MT OLIVE PLANT	Treatment	There was no switch or light for the chlorine gas building. A light 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. 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.

The water system should implement a storage tank maintenance program that includes inspection, cleaning, repairs, and, if needed, painting of storage tanks on a 3-5 year cycle.

Written Response Required

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
S1804741-001	Routine	8/13/2018		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

Violation Number	Violation Date	Violation Type	Compliance Period
7009121	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 318-676-5422.

Respectfully,

James Soileau

James Soileau III, E.I.
LDH-OPH Region 7 Engineering Services

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, MT. OLIVE

Category: Source

Attachment Comments: Conduit Exposed

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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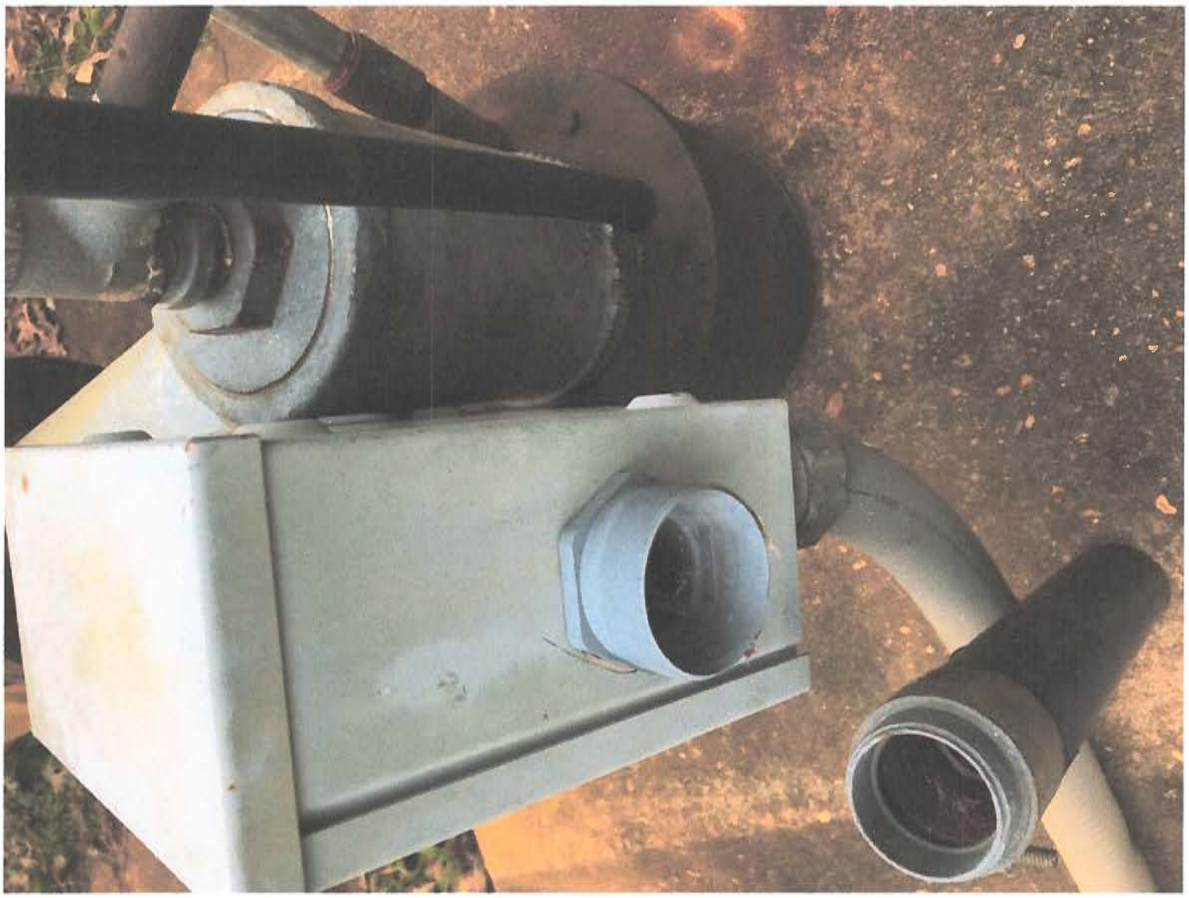
Attachment #2

Severity: Significant

Facility ID: WELL #1, MT. OLIVE

Category: Source

Attachment Comments: Pipe coming out of well slab



Attachment #3

Severity: Significant

Facility ID: WELL #2, SAND HILL

Category: Source

Attachment Comments: Hole in electrical box + Pipe coming out of well slab



Attachment #4

Severity: Significant

Facility ID: WELL #2, SAND HILL

Category: Source

Attachment Comments: Chlorine injector pipe in well casing



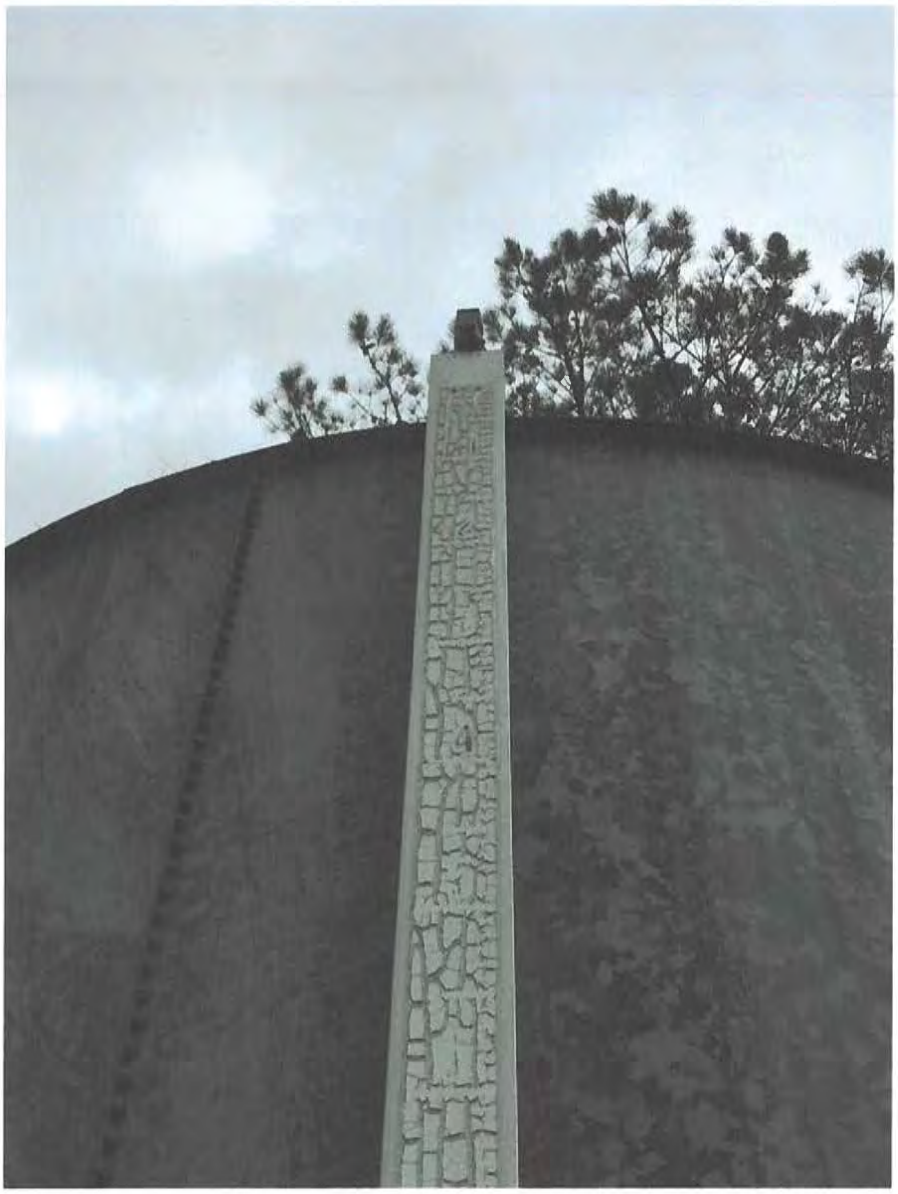
Attachment #5

Severity: Significant

Facility ID: WELL #2, SAND HILL

Category: Source

Attachment Comments: Holes in the back of the electrical box



Attachment #6

Severity: Significant

Facility ID: GST #1 @ MT. OLIVE

Category: Finished Water Storage

Attachment Comments: Hole in the level gauge



Attachment #7

Severity: Significant

Facility ID: GST #1 @ MT. OLIVE

Category: Finished Water Storage

Attachment Comments: No screen on the overflow



Attachment #8

Severity: Significant

Category: Other

Attachment Comments: Loose sample tap at Mt Olive Site



Attachment #9

Severity: Significant

Category: Other

Attachment Comments: Filters at the Mt Olive Site



Attachment #10

Severity: Significant

Category: Other

Attachment Comments: Filters at the Mt Olive Site



Attachment #11

Severity: Significant

Category: Other

Attachment Comments: Filters at the Sand Hill Site



Attachment #12

Severity: Significant

Facility ID: MT OLIVE PLANT

Category: Treatment

Attachment Comments: Caustic Pump not secured at Mt Olive 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 0000 9275 0690 – Return Receipt Requested

June 12, 2019

Alex Williams
TAYLOR WATER SYSTEM
201 Holiday Boulevard, Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
TAYLOR WATER SYSTEM Public Water System
PWS ID LA1013015
BIENVILLE 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 June 4, 2019 sanitary survey inspection of the public water supply system for TAYLOR 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
William P McKenney	Utilities Inc.
Andrea Payton	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
06/28/2013	07/15/2013	Sanitary Survey, Finished	Minor	Source	1013015-001-WELL #1
Comments: There was only one water well for Taylor Water System. The system shall have a second water well or a connection with another nearby water system.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
GR002 - GST #2	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 had a flapper but valve but did not have a screen. A screen shall be provided to prevent the entrance of insects and small animals into the ground storage tank.
FACILITY	CATEGORY	FINDINGS
1013015-001 - 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.
FACILITY	CATEGORY	FINDINGS
1013015-001 - 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 vent on the well was torn and shall be replaced. The Seal on the well casing seemed very dry and cracked. A new seal shall be applied to the well casing.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR002 - GST #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. There was not a splash pad for the ground storage tank overflow piping to discharge onto. A splash pad shall be added to prevent erosion around the ground storage tank.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	Tanks and tank refilling line entry points shall be clearly labeled with the name of the chemical contained. There was no labeling on the liquid chlorine being used for disinfection. A label shall be added.

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

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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

CERTIFIED MAIL: **7018 1830 0000 8554 3650**

July 31, 2019

Latasha Davis-Bell
SHILOH WATERWORKS DISTRICT
1069 Bailey Rd
Bienville, LA 71008

Re: Class I Sanitary Survey
SHILOH WATERWORKS DISTRICT Public Water System
PWS ID LA1013016
BIENVILLE Parish

Dear Mrs. Davis-Bell:

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 SHILOH 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
Danny Mortimer	OPH Region VII Engineering
Arthur Walker	Shiloh 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
Management	M&R and Data Verification	The water system is recording routine chlorine residuals on unapproved (i.e. outdated) Chlorine Residual Forms. 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.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE TANK	Finished Water Storage	The ground storage tank overflow pipe is not screened. The overflow pipe must be screened with twenty-four mesh screen. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
HD001 - PRESSURE TANK	Finished Water Storage	The pressure tank is not equipped with an approved sample tap. The sample tap must be the smooth nozzle type. **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: 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
4080407	04/02/2019	CCR REPORT	
4080406	12/04/2018	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 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: Minor
Facility ID: PRESSURE TANK
Category: Finished Water Storage
Attachment Comments: Needs smooth nosed tap for pressure tank.

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: Minor
Facility ID: GROUND STORAGE TANK
Category: Finished Water Storage
Attachment Comments: Overflow pipe 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 0000 9275 0812** - Return Receipt Requested

September 4, 2019

Oliver Jackson
SOUTHEAST BIENVILLE WATER SYSTEM
11067 Highway 501
Saline, LA 71070

Re: Class I Sanitary Survey
SOUTHEAST BIENVILLE WATER SYSTEM Public Water System
PWS ID LA1013017
BIENVILLE Parish

Dear Mr. Jackson:

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 SOUTHEAST BIENVILLE 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
Stephen Henry	Southeast Bienville W.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).

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	There was not a working generator onsite at the time of the inspection. 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	The cross connection control program was not available to be reviewed at the time of the inspection. The water system shall compose and implement a cross connection control program. 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
GR001 - GROUND STORAGE TANK	Finished Water Storage	There was a hole in the bottom of the overflow piping that could allow for entrance of insects into the ground storage tank. The hole shall be screened. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1013017-001 - WELL #1	Source	There was a gap around a bolt on the well casing which could provide a pathway for contamination into the well casing. The gap shall be sealed. 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**
FACILITY	CATEGORY	FINDINGS
1013017-002 - WELL #2	Source	There were holes in the back of the electrical box which could provide a pathway for contamination into the well casing. The holes shall be filled. 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.

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
Management	M&R and Data Verification	The daily chlorine residual records were not available at the time of the inspection. Proof of the daily chlorine records shall be provided to LDH for review. 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	The operator did not have the Consumer Confidence Reports, daily chlorine residual data, lead and copper reports, or DDBP reports present and readily available at the time of the inspection. An approved drinking water system shall ensure that records and reports are satisfactorily maintained and retrievable.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE TANK	Finished Water Storage	The level gauge seemed to be rusty and was not providing an accurate reading for the water level in the tank. The level gauge shall be greased to provide for accurate measuring. 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
1013017-001 - WELL #1	Source	There was no flow meter or pressure gauge on the well at the time of the inspection. A flow meter and a pressure gauge shall be added. **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 - MAIN PLANT SHADY GROVE RD	Treatment	The light in the chlorination building was not working at the time of the inspection. The light 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 – 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
S1904110-003	Repeat	6/18/2019		0.600	
S1904028-001	Routine	6/12/2019		1.400	

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

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: GROUND STORAGE TANK

Category: Finished Water Storage

Attachment Comments: Hole in the bottom of overflow piping.

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 #1

Category: Source

Attachment Comments: Gap between the well casing and the screen.



Attachment #3

Severity: Significant

Facility ID: WELL #1

Category: Source

Attachment Comments: No flow meter or 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 9275 0904- Return Receipt Requested

October 24, 2019

Mr. Paul Adcock
Millcreek Water System
P.O. Box 1527
Minden, LA 71068

Re: Class I Sanitary Survey
Millcreek Water System
PWS ID LA1013021
Bienville Parish

Dear Mr. Adcock:

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 Millcreek 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
Ken Lott	Millcreek 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
04/12/2017	04/12/2017	Sanitary Survey, Finished	Minor	Treatment	TP001-MAIN PLANT BISTINEAU LAKE RD
Comments: The fan is installed near the roof. 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.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
04/25/2013	05/07/2013	Formal Enforcement	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: A formal cross connection program must be implemented					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT BISTINEAU LAKE RD	Treatment	At the time of the inspection, the chemical feed pumps were not secured to a stable surface. The chemical feed pumps shall be secured so as to prevent the interruption of continuous treatment of the water.
FACILITY	CATEGORY	FINDINGS
1013021-002 - WELL #2 - TONEY RD PLANT	Source	The well casing was not flush with the well head. The gaps should be sealed to prevent the entrance of contamination into the well. **See Attachment #5**

Deficiencies

FACILITY	CATEGORY	FINDINGS
1013021-001 - WELL #1 - MAIN PLANT	Source	At the time of the inspection, the well casing was rusty and could start to corrode. The rust shall be removed and the well casing shall be repainted to protect the discharge piping from contamination. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1013021-002 - WELL #2 - TONEY RD PLANT	Source	The well casing and the electrical box was rusted at the time of the inspection. The well casing and electrical box shall be repainted to protect the water well from physical damage. **See Attachment #3 and #4**
FACILITY	CATEGORY	FINDINGS
1013021-001 - WELL #1 - MAIN PLANT	Source	There was no flow meter on the discharge piping at the time of the inspection. A flow meter shall be added.
FACILITY	CATEGORY	FINDINGS
1013021-002 - WELL #2 - TONEY RD PLANT	Source	There was no flow meter on the discharge piping at the time of the inspection. A flow meter shall be added. **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 – 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.
LDH-OPH 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: Minor

Facility ID: WELL #1 - MAIN PLANT

Category: Source

Attachment Comments: Well casing is rusted.



Attachment #2

Severity: Minor

Facility ID: WELL #2 - TONEY RD PLANT

Category: Source

Attachment Comments: Discharge piping does not have a flow meter.



Attachment #3

Severity: Minor

Facility ID: WELL #2 - TONEY RD PLANT

Category: Source

Attachment Comments: Well casing is rusted.



Attachment #4

Severity: Minor

Facility ID: WELL #2 - TONEY RD PLANT

Category: Source

Attachment Comments: Electrical box is rusted.



Attachment #5

Severity: Significant

Facility ID: WELL #2 - TONEY RD PLANT

Category: Source

Attachment Comments: Well casing is not flush with well head.

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 0546- Return Receipt Requested

March 12, 2019

Ken Lott
SPRINGHILL COMMUNITY WATER SYSTEM
P.O. Box 247
Hall Summit, LA 71034

Re: Class I Sanitary Survey
SPRINGHILL COMMUNITY WATER SYSTEM Public Water System
PWS ID LA1013023
BIENVILLE Parish

Dear Mr. Lott:

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 SPRINGHILL 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 Soileau III	LDH-OPH Region 7 Engineering Services
Ken Lott	Springhill 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.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	There was a sizeable hole under the fence at the plant location. An intruder could climb under the fence and tamper with the water system in its current state. The hole shall be filled to prevent any unauthorized access.
FACILITY	CATEGORY	FINDINGS
Management	Other	The ground storage tank currently has one operating pump. If the pump fails, the water system will be unable to provide potable water to the system. The second pump must be repaired or replaced.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The water system did not have any standby power available for use if the water system loses power. An auxiliary source of power shall be provided for the water system.
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLNT SPR HILL CH RD S OF HWY 4	Treatment	The chemical feed pump was not secured and was resting atop the liquid chlorine drum. The pump shall be properly secured to a solid surface to ensure the pump does not disconnect and interrupt the chlorine 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.
FACILITY	CATEGORY	FINDINGS
1013023-001 - WELL #1	Source	There were holes in the back of the electrical box which could provide the entrance of insects into the well. The hole shall be sealed to prevent any pathways for 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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

Mr. Lott did not know how long it had been since the tank was inspected. It is recommended that ground storage tanks be inspected every three years to ensure the structural and sanitary integrity of the tanks.

The following observations made at the time of the inspection have the potential to 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: 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

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
02/07/2019	0.063 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
02/07/2019	0.087 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
11/16/2018	96 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 318-676-5422.

Respectfully,

James Soileau

James V. 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 and Hospitals
Office of Public Health

CERTIFIED MAIL: 70181830000085542370

February 5, 2019

Mrs. Sherry Bond
Bonnie and Clyde Water System
20550 Hwy 9
Arcadia, LA 71001

Re: Level 2 Assessment triggered on January 25, 2019
Bonnie and Clyde Water System
PWS ID LA2013011
Bienville 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 January 25, 2019 RTCR Level 2 Assessment of the public water supply system for Bonnie and Clyde 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
Danny Mortimer	OPH-Region V Engineering
Autumn Permenter	OPH-Region V Engineering
Sherry Bond	Bonnie and Clyde Water System

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 within 30 days of the RTCR Level 2 Assessment triggered on January 17, 2019. The response is due on or before February 19, 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.

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
Attn: Danny Mortimer District 4 Sanitarian
1525 Fairfield Ave Rm 569
Shreveport, LA 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 318-676-7432.

Respectfully,

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

Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: BONNIE AND CLYDE WATER SYSTEM		PWS ID#: 2013011
Contact Name: SHERRY BOND		Phone #: 318-2632437
PWS Address: 20550 HWY 9 ARCADIA LA 71001		E-mail: SHERDAN1972@HOTMAIL.COM
Name of Lead Assessor: DANNY MORTIMER		Date Completed: 1/25/2019
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 2: 12/19/2018

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

Positive Sample #1:	S1900363-001	Sample POC Name: TCR-007
Sample Date: 1/15/2019	Name of Sample Collector: BAILEY AUSTIN	
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:	S1900465-002	Sample POC Name: RPDN
Sample Date: 1/17/2019	Name of Sample Collector: BAILEY AUSTIN	
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 #3:	S1900465-003	Sample POC Name: RPUP
Sample Date: 1/17/2019	Name of Sample Collector: BAILEY AUSTIN	
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:	S1900465-004	Sample POC Name: TCR-007
Sample Date: 1/17/2019	Name of Sample Collector: BAILEY AUSTIN	
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?				
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 F	TCR-005 0.0F
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
OP12 - 40 CFR 141.403 and 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 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	

Issue Description (list section letter and #)	Corrective Action
T106- TRTMT – LAC51:XII.355.A – MANDATORY DISINFECTION **40 CFR 141.403 and LAC 51:XII.355.A - Routine, continuous disinfection is required of all public water systems.** The system is not currently disinfecting the water. The system must maintain a minimum residual of 0.5 mg/l free chlorine throughout the entire distribution system	

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: 2/5/2019**

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 and Hospitals
Office of Public Health

CERTIFIED MAIL: 70181830000085542530

February 26, 2019

Mrs. Sherry Bond
Bonnie and Clyde Water System
20550 Hwy 9
Arcadia, LA 71001

Re: Level 2 Assessment triggered on February 13, 2019
Bonnie and Clyde Water System
PWS ID LA2013011
Bienville 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 February 25, 2019 RTCR Level 2 Assessment of the public water supply system for Bonnie and Clyde 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
Danny Mortimer	OPH-Region V Engineering
Autumn Permenter	OPH-Region V Engineering
Sherry Bond	Bonnie and Clyde Water System

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 within 30 days of the RTCR Level 2 Assessment triggered on February 13, 2019. The response is due on or before March 13, 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.

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
Attn: Danny Mortimer District 4 Sanitarian
1525 Fairfield Ave Rm 569
Shreveport, LA 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 318-676-7432.

Respectfully,

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

Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: BONNIE AND CLYDE WATER SYSTEM		PWS ID#: 2013011
Contact Name: SHERRY BOND		Phone #: 318-2632437
PWS Address: 20550 HWY 9 ARCADIA LA 71001		E-mail: SHERDAN1972@HOTMAIL.COM
Name of Lead Assessor: DANNY MORTIMER		Date Completed: 2/25/2019
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 2: 1/25/2018

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

Positive Sample #1:	S1901047-001	Sample POC Name: TCR-006
Sample Date: 2/12/2019	Name of Sample Collector: BAILEY AUSTIN	
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:	S1901096-001	Sample POC Name: RPDN
Sample Date: 2/14/2019	Name of Sample Collector: BAILEY AUSTIN	
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 #3:	S1901096-002	Sample POC Name: RPUP
Sample Date: 2/14/2019	Name of Sample Collector: BAILEY AUSTIN	
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:	S1901096-003	Sample POC Name: TCR-006
Sample Date: 2/14/2019	Name of Sample Collector: BAILEY AUSTIN	
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?				
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 F	TCR-005 0.0F
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
OP12 - 40 CFR 141.403 and 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 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	

Issue Description (list section letter and #)	Corrective Action
T106- TRTMT – LAC51:XII.355.A – MANDATORY DISINFECTION **40 CFR 141.403 and LAC 51:XII.355.A - Routine, continuous disinfection is required of all public water systems.** The system is not currently disinfecting the water. The system must maintain a minimum residual of 0.5 mg/l free chlorine throughout the entire distribution system	

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: 2/26/2019**

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 and Hospitals
Office of Public Health

CERTIFIED MAIL: 70181830000085543643

July 26, 2019

Mrs. Sherry Bond
Bonnie and Clyde Water System
20550 Hwy 9
Arcadia, LA 71001

Re: Level 2 Assessment triggered on July 17, 2019
Bonnie and Clyde Water System
PWS ID LA2013011
Bienville 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 23, 2019 RTCR Level 2 Assessment of the public water supply system for Bonnie and Clyde 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**
Danny Mortimer	OPH-Region V 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 within 30 days of the RTCR Level 2 Assessment triggered on July 17, 2019. The response is due on or before August 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 sanitary defects, then the written 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
Attn: Danny Mortimer District 4 Sanitarian
1525 Fairfield Ave Rm 569
Shreveport, LA 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 318-676-7432.

Respectfully,

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

Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: BONNIE AND CLYDE WATER SYSTEM			PWS ID#: 2013011
Contact Name: SHERRY BOND			Phone #: 318-2632437
PWS Address: 20550 HWY 9 ARCADIA LA 71001			E-mail: SHERDAN1972@HOTMAIL.COM
Name of Lead Assessor: DANNY MORTIMER			Date Completed: 7/23/2019
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 2: 1/25/2018	

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

Positive Sample #1:	S190104791-001	Sample POC Name: TCR-004	
Sample Date: 7/16/2019	Name of Sample Collector: BAILEY AUSTIN		
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:	S1904844-001	Sample POC Name: RPDN	
Sample Date: 7/17/2019	Name of Sample Collector: BAILEY AUSTIN		
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 #3:	S1904844-002	Sample POC Name: RPUP	
Sample Date: 7/17/2019	Name of Sample Collector: BAILEY AUSTIN		
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:	S1904844-003	Sample POC Name: TCR-004	
Sample Date: 2/14/2019	Name of Sample Collector: BAILEY AUSTIN		
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?				
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 F	TCR-005 0.0F
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
OP12 - 40 CFR 141.403 and 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 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	

Issue Description (list section letter and #)	Corrective Action
T106- TRTMT – LAC51:XII.355.A – MANDATORY DISINFECTION **40 CFR 141.403 and LAC 51:XII.355.A - Routine, continuous disinfection is required of all public water systems.** The system is not currently disinfecting the water. The system must maintain a minimum residual of 0.5 mg/l free chlorine throughout the entire distribution system	

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: 7/26/2019**

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 and Hospitals
Office of Public Health

CERTIFIED MAIL: 70181830000085543834

August 23, 2019

Mrs. Sherry Bond
Bonnie and Clyde Water System
20550 Hwy 9
Arcadia, LA 71001

Re: Level 2 Assessment triggered on August 22, 2019
Bonnie and Clyde Water System
PWS ID LA2013011
Bienville 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 August 23, 2019 RTCR Level 2 Assessment of the public water supply system for Bonnie and Clyde 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
Danny Mortimer	OPH-Region VII Engineering
Autumn Permenter	OPH-Region VII 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 within 30 days of the RTCR Level 2 Assessment triggered on August 22, 2019. The response is due on or before September 23, 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.

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
Attn: Danny Mortimer District 4 Sanitarian
1525 Fairfield Ave Rm 569
Shreveport, LA 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 318-676-7432.

Respectfully,

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

Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: BONNIE AND CLYDE WATER SYSTEM		PWS ID#: 2013011
Contact Name: SHERRY BOND		Phone #: 318-2632437
PWS Address: 20550 HWY 9 ARCADIA LA 71001		E-mail: SHERDAN1972@HOTMAIL.COM
Name of Lead Assessor: DANNY MORTIMER		Date Completed: 8/23/2019
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 2: 1/25/2018

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

Positive Sample #1:	S1905677-001	Sample POC Name: TCR-006	
Sample Date: 8/19/2019	Name of Sample Collector: BAILEY AUSTIN		
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:	S1905810-001	Sample POC Name: RPDN	
Sample Date: 8/21/2019	Name of Sample Collector: BAILEY AUSTIN		
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 #3:	S1905810-002	Sample POC Name: RPUP	
Sample Date: 8/21/2019	Name of Sample Collector: BAILEY AUSTIN		
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:	S1905810-003	Sample POC Name: TCR-006	
Sample Date: 8/21/2019	Name of Sample Collector: BAILEY AUSTIN		
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?				
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 F	
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
OP12 - 40 CFR 141.403 and 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 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	

Issue Description (list section letter and #)	Corrective Action
T106- TRTMT – LAC51:XII.355.A – MANDATORY DISINFECTION **40 CFR 141.403 and LAC 51:XII.355.A - Routine, continuous disinfection is required of all public water systems.** The system is not currently disinfecting the water. The system must maintain a minimum residual of 0.5 mg/l free chlorine throughout the entire distribution system	

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: 8/23/2019**

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: BONNIE AND CLYDE WATER SYSTEM		PWS ID#: 2013011
Contact Name: SHERRY BOND		Phone #: 318-2632437
PWS Address: 20550 HWY 9 ARCADIA LA 71001		E-mail: SHERDAN1972@HOTMAIL.COM
Name of Lead Assessor: DANNY MORTIMER		Date Completed: 6/10/2019
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 2: 1/25/2018

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

Positive Sample #1:	S1903710-001	Sample POC Name: TCR-007
Sample Date: 6/4/2019	Name of Sample Collector: BAILEY AUSTIN	
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:	S1903865-001	Sample POC Name: RPDN
Sample Date: 6/6/2019	Name of Sample Collector: BAILEY AUSTIN	
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 #3:	S1903865-002	Sample POC Name: RPUP
Sample Date: 6/6/2019	Name of Sample Collector: BAILEY AUSTIN	
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:	S1903865-003	Sample POC Name: TCR-007
Sample Date: 6/6/2019	Name of Sample Collector: BAILEY AUSTIN	
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?				
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 F	TCR-007 0.0F
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
OP12 - 40 CFR 141.403 and 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 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	

Issue Description (list section letter and #)	Corrective Action
T106- TRTMT – LAC51:XII.355.A – MANDATORY DISINFECTION **40 CFR 141.403 and LAC 51:XII.355.A - Routine, continuous disinfection is required of all public water systems.** The system is not currently disinfecting the water. The system must maintain a minimum residual of 0.5 mg/l free chlorine throughout the entire distribution system	

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: 6/10/2019**

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 2038**

June 20, 2019

Lorenz "Lo" Walker
CITY of BOSSIER CITY WATER SYSTEM
P. O. Box 5337
Bossier City, LA 71171

Re: Class I Sanitary Survey
CITY of BOSSIER CITY WATER SYSTEM Public Water System
PWS ID LA1015004
BOSSIER Parish

Dear Mr. Walker:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 12, 2019 sanitary survey inspection of the public water supply system for CITY of BOSSIER CITY 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 Charlot	LDH-OPH Engineering Services
Darin Fortenberry	City Of Bossier City
Andrea Payton	LDH-OPH Engineering Services
James Soileau III	LDH-OPH Region 7
Jeremiah Williams	City of Bossier City
Additional City Personnel Not Listed	City of Bossier City

NOTICE OF VIOLATIONS

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

The following list 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	In the membrane feed room at the treatment plant, a leak was discovered on Pump #4. The pump should be repaired and serviced to prevent further leakage and to eliminate the potential for treatment failure. Significant rust/corrosion was discovered on the pipe elbow in the GAC room. This corrosion can result in leaks and treatment failure if not corrected. The pipe should be cleaned and treated to prevent further corrosion. (Item was reported as resolved by Darin Fortenberry on 6/19/2019)
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The overflow pipe at the Elevated Tank on Shed Road (EL002) discharges directly into a pipe in the ground. The overflow should be terminated at an elevation between 12 and 24 inches above the ground storage and discharge over a drainage inlet structure or splash plate.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL004 - ELEVATED TANK #4, AIRLINE	Finished Water Storage	The overflow pipe at the Elevated Tank did not extend 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.
FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER TREATMENT PLANT	Treatment	A leak was discovered on the chemical container piping for zinc orthophosphate. The piping should be repaired and cleaned to prevent further leakage. (Item was reported as resolved by Darin Fortenberry on 6/19/2019)
FACILITY	CATEGORY	FINDINGS
TP003 - Treatment at EL005 (Benton Rd)	Treatment	The chemical feed tank for Ammonium Sulfate 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
TP004 - Treatment at EL002 (Shed Rd)	Treatment	The chemical feed tank for Sodium Hypochlorite 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. (Item is included in project currently under construction as reported by Darin Fortenberry on 6/17/2019)

FACILITY	CATEGORY	FINDINGS
TP002 - Treatment at EL003 (Hwy 71 South)	Treatment	The chemical feed tank for Sodium Hypochlorite 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. (Item is included in project currently under construction as reported by Darin Fortenberry on 6/17/2019)
FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER TREATMENT PLANT	Treatment	Lawn equipment is housed in the membrane building. It is recommended that this equipment be moved from this location and stored in an appropriate facility away from treatment processes in order to prevent accidents for water plant personnel and to protect system piping and infrastructure.

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

Sample ID	Type	Date	Comment	Chlorine Residual

				Free	Total
S1805312-001	Routine	9/12/2018			2.700

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

Violation Number	Violation Date	Violation Type	Compliance Period
7004234	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) 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

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 3314

November 12, 2019

Erma Fay Caughman
Hillcrest MHP Water System
1 Hillcrest Circle
Haughton, LA 71037

Re: Class I Sanitary Survey
Hillcrest MHP Water System
PWS ID LA1015012
Bossier Parish

Dear Mrs. Caughman:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 12, 2019 sanitary survey inspection of the public water supply system for Hillcrest 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
Hannah Beatty	LDH-OPH Engineering Services
Daniel Howell	Hillcrest 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

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. Dedicated Standby power shall be required by the reviewing authority so that water may be treated and/or pumped to the distribution system during outages to meet the average day demand. 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	The water system currently does not have a cross connection control plan in place. One shall be developed. 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.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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 HILLCREST CIRCLE	Treatment	The chlorine feed room is not equipped with an inspection window. A shatter resistant inspection window is required, where chlorine gas is fed. See Figure 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 – 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

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	0.081 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
7007114	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 318-676-7434.

Respectfully,

Hannah Beatty, P.E.

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



Figure 1 Chlorine Building – No Shatter Resistant Window

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 3352

November 27, 2019

Pam Johnson
Bodcau Water Works
1027 Bodcau Station Road
Haughton, LA 71037-9573

Re: Class I Sanitary Survey
Bodcau Water Works Public Water System
PWS ID LA1015021
Bossier Parish

Dear Ms. Johnson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 15, 2019 sanitary survey inspection of the public water supply system for Bodcau 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
Andrea Payton	LDH-OPH Engineering Services
Hannah Beatty	LDH-OPH Engineering Services
Pam Johnson	Bodcau 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 - HD TANK #1	Finished Water Storage	The roof and sidewalls of all water storage structures must be watertight with no openings except properly constructed vents, manholes, overflows, risers, drains, pump mountings, control ports, or piping for inflow and outflow. There are holes and openings in the sides of the well housing that shall be repaired to prevent the entrance of contaminants (see Photo 1).
FACILITY	CATEGORY	FINDINGS
HD002 - HD TANK #2	Finished Water Storage	The roof and sidewalls of all water storage structures must be watertight with no openings except properly constructed vents, manholes, overflows, risers, drains, pump mountings, control ports, or piping for inflow and outflow. There are holes and openings in the sides of the well housing that shall be repaired to prevent the entrance of contaminants (see Photo 2).
FACILITY	CATEGORY	FINDINGS
TP001 - TP @ WELL #1	Treatment	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. The injectors shall be secured to prevent equipment failure and ensure continuous and proper dosing of the chemical (see Photo 3).
FACILITY	CATEGORY	FINDINGS
1015021-004 - WELL #4	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. The casing shall be sealed to prevent the entrance of contaminants. There shall be no pathway for contamination into the well casing and/or discharge piping. The cracks in the casing slab shall be sealed (see Photo 5).
FACILITY	CATEGORY	FINDINGS
1015021-002 - WELL #2	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. The casing shall be secured to prevent damage to equipment and entrance of contaminates (see Photo 4).
FACILITY	CATEGORY	FINDINGS
1015021-003 - WELL #3	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. The casing shall be secured to prevent damage to equipment (see Photo 6).


Photo 1


Photo 2


Photo 3


Photo 4


Photo 5


Photo 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

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 3841

August 28, 2019

Robert M. Cote
BARKSDALE AFB WATER SYSTEM
2Ces/Cea/334 Davis Ave W. Suite 208
Barksdale AFB, LA 71110

Re: Class I Sanitary Survey
BARKSDALE AFB WATER SYSTEM Public Water System
PWS ID LA1015022
BOSSIER Parish

Dear Mr. Cote:

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 BARKSDALE AFB 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
Robert M. Cote	Barksdale AFB
Ann Cripe	Barksdale AFB
Paul Kimball	Barksdale AFB
Steven Lange	Barksdale AFB
Autumn Permenter	LDH-OPH Engineering District 4

NOTICE OF VIOLATIONS

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

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

The following list 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
EL007 - TANK 8095 - EAST HOUSING NEAR FIRE STA	Finished Water Storage	Elevated Tank 8095 did not have a smooth-nosed tap installed. A smooth nosed tap must be installed for collection of samples.
FACILITY	CATEGORY	FINDINGS
EL002 - TANK 1358 - GOLF COURSE	Finished Water Storage	The overflow for Tank 1358 was in the process of being repaired. The overflow piping should be repaired and installed according to approved 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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to 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 branches/vines in the fencing of Tank 8077 be removed to prevent deterioration 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 – 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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1903784-004	Routine	6/4/2019		0.810	3.110

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

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



Overflow for Tank 1358



Branches/Vines in fencing of Tank 8077

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 3253

October 30, 2019

Larry Landry
Consolidated WWKS District 1 of Bossier
P.O. Box 70
Benton, LA 71006

Re: Class I Sanitary Survey
Consolidated WWKS District 1 of Bossier Public Water System
PWS ID LA1015026
Bossier Parish

Dear Mr. Landry:

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 Consolidated WWKS District 1 of Bossier (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Larry Landry	Consolidated WWKS/Sewerage #1
Jay Heard	Consolidated WWKS/Sewerage #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
06/06/2017	06/07/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GST @ PLANT
Comments: There were leaks and corrosion on the ground storage tank. The ground storage tank must be repaired or replaced.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	The current fencing is damaged in several locations. 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. (See Photos No.1-No.3).
FACILITY	CATEGORY	FINDINGS
1015026-001 - WELL #1 (TRAILVIEW)	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 is a leak present directly under the flow meter that shall be repaired to prevent the entrance of contaminants (see Photo No. 4).


Photo No. 1


Photo No. 2


Photo No. 3


Photo No. 4

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GST @ PLANT	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 (see Photo No.5).
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT OFF TRAILVIEW CIR	Treatment	The injector pumps are not secured and resting on the chemical container. The injector pumps should be secured to prevent equipment failure and ensure continuous and proper dosing chemical (see Photo No.6).

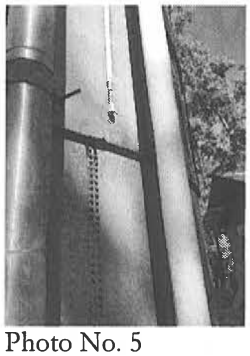


Photo No. 5

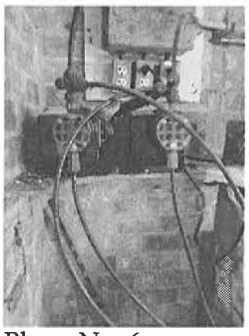


Photo No. 6

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.

FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT OFF TRAILVIEW CIR	Treatment	Chlorine cylinders shall be individually chained (see Photo No.7).
FACILITY	CATEGORY	FINDINGS
1015026-004 - WELL #4 (SOUTHWOODS WATER WELL)	Source	The new well was recently completed and is scheduled to be fenced within the next month after the generator is set in place. All new wells shall be properly registered (see Photo No. 8).


Photo No. 7


Photo No. 8

Written Response Required

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: 70181830000085542950

July 16, 2019

Alan Fox
RIVER POINT WATER SYSTEM
1101 River Bend Rd
Haughton, LA 71037

Re: Class I Sanitary Survey
RIVER POINT WATER SYSTEM Public Water System
PWS ID LA1015030
BOSSIER Parish

Dear Mr. Fox:

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 RIVER POINT 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, P.E.	LDH-OPH Engineering Services
Alan Fox	River Point Water System
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
10/29/2018	10/29/2018	Level 2 Assessment RTCR	Significant	Finished Water Storage	Management

Comments:

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/29/2018	10/29/2018	Level 2 Assessment RTCR	Significant	Treatment	Management

Comments:

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/27/2017	09/07/2011	Level 2 Assessment and Sanitary Survey	Significant	Operator Compliance with State Requirements	Management

Comments: River Point Water System has no certified operator. Survey W Smith, 11/3/14, River Point Water System has no certified operator.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/03/2014	12/19/2014	Sanitary Survey, Finished	Significant	Source	1015030-002-WELL #2

Comments: The well must have a vent which is at least 24 inches above the ground surface. The vent openings and extensions must be not less than 1/2 inch in diameter, with extension pipe firmly attached.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/03/2014	12/19/2014	Sanitary Survey, Finished	Minor	Distribution System	DS0950-DISTRIBUTION SYSTEM

Comments: Bacteriological samples submitted have been from "well" and "Barn 4". However, these locations are not listed in the approved monitoring plan. The water system must utilize the correct sample locations as approved in the monitoring plan website. The water system is required to take 1 routine sample per month unless otherwise notified by this office. Currently the system has submitted 2-3 samples a month. One of those samples has been at a point called "well". The well is not an appropriate point of collection tap for Total Coliform Rule compliance. Each month the water system must collect samples at 1 approved location and then alternate approved locations each month. Example: February 2014 sample at POC tap A, March 2014 sample at POC tap B, April 2014 sample at POC tap C, etc.

Visit Date	Notify Date	Reason	Severity	Category	Facility

11/03/2014	12/19/2014	Sanitary Survey, Finished	Minor	Treatment	TP002-MAIN PLANT NEAR TOWNHOUSES

Comments: The treatment building floor is dirt. The floor must be smooth and impervious, slip proof, and well drained.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/03/2014	12/19/2014	Sanitary Survey, Finished	Minor	Treatment	TP002-MAIN PLANT NEAR TOWNHOUSES

Comments: The water system has routinely submitted bacteriological samples which have a recorded free chlorine residual of 0.05 mg/L. Samples from October and November 2014 include total chlorine residuals of 0.05 mg/L and ".0.5" mg/L. Disinfection equipment shall be operated to maintain a disinfectant residual of at 0.5 mg/L free chlorine residual in each finished water storage tank and at all points throughout the distribution system at all times.

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/11/2011	09/07/2011	Sanitary Survey, Finished	Significant	Operator Compliance with State Requirements	Management

Comments: River Point Water System has no certified operator. Survey W Smith, 11/3/14, River Point Water System has no certified operator.

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/11/2011	09/07/2011	Sanitary Survey, Finished	Minor	Operator Compliance with State Requirements	Management

Comments: River Point Water System has no certified operator. The water system must have a certified operator with Class I licenses in Water Production and Water Distribution. Survey W Smith 11/3/14, The water system does not have a certified operator. The water system must employ or contract with a properly certified Class I Water Production and Water Distribution Operator.

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/11/2011	09/07/2011	Sanitary Survey, Finished	Minor	Source	1015030-002-WELL #2

Comments: The water system only has one source of ground water (Water Well #1). The water system must find a second source of water through either drilling a second water well or connecting to another local water system. Survey W Smith, 11/3/14, The water system did not have an alternate source of water. A second water source must be provided.

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/11/2011	09/07/2011	Sanitary Survey, Finished	Minor	Source	1015030-002-WELL #2

Comments: The pressure gauge did not appear to be working during the time of the inspection. Survey, W Smith, 11/3/2014, The well did not have a flow meter or sample tap. Both must be added to the well.

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/11/2011	09/07/2011	Sanitary Survey, Finished	Minor	Source	1015030-002-WELL #2
Comments: There was no well vent at the water well. Survey W Smith, 11/3/14, The well head was not equipped with a vent. The well must have a vent.					

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. Discharge pipe from hyrdopnuematic tank was underwater at the time of the survey. Water shall be removed and the hole shall be filled to adjacent grade to prevent potential contamination. Also there was no Cross Connection Control Plan in place. System shall provide written cross connection control plan. **See Figure 2.**
FACILITY	CATEGORY	FINDINGS
TP002 - MAIN PLANT NEAR TOWNHOUSES	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. The chlorine feeder pump was not fastened to a surface and could be knocked off, disrupting continuous dosing of chemical. The pump shall be secured to a surface to prevent the disruption of chemical dosing. **See Figures 3 and 4.**
FACILITY	CATEGORY	FINDINGS
1015030-002 - WELL #2	Source	The quality of well and well casing are unknown at this time as the well was inaccessible due to the thick growth of vegetation. The well will be assumed to have a pathway for contamination until visual verification can be provided for the well. **See Figure 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.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	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. Well site is overgrown with vegetation. Vegetation shall be removed. **See Figure 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 – 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
S1806084-001	Routine	10/23/2018		0.000	0.160
S1805615-001	Repeat	9/27/2018		0.010	0.060
S1805615-002	Repeat	9/27/2018		0.000	0.020
S1805615-003	Repeat	9/27/2018		0.040	0.130
S1805615-004		9/27/2018		0.000	0.000
S1805543-001	Routine	9/24/2018		0.200	0.300

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

Violation Number	Violation Date	Violation Type	Compliance Period
7010730	06/28/2019	CORRECTIVE/EXPEDITED ACTIONS (RTCR)	
7010731	06/28/2019	CORRECTIVE/EXPEDITED ACTIONS (RTCR)	
7010729	04/02/2019	CCR REPORT	
7010728	02/14/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
7010726	11/07/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	10/01/2018 - 10/31/2018
7010724	10/04/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	09/01/2018 - 09/30/2018
7010723	09/06/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	08/01/2018 - 08/31/2018
7010722	08/03/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	07/01/2018 - 07/31/2018
7010721	07/03/2018	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 318-676-7485.

Respectfully,

Hannah Beatty, P.E.
Region 7 Engineering Services

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



Figure 1 Vegetative Growth Surrounding the Well



Figure 2 Submersed Hole in Ground at Tank Discharge Point

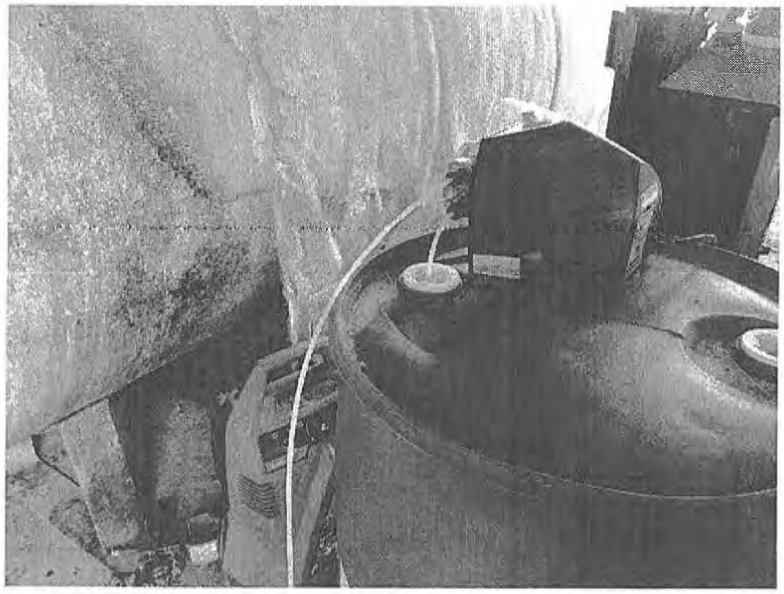


Figure 3 Unsecured Chlorine Pump



Figure 4 Unsecured Chlorine Pump

Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

General Informa[redacted]

PWS Name: RIVER POINT WATER SYSTEM		PWS ID#: 1015030
Contact Name: ALAN FOX		Phone #: 318-390-8130
PWS Address: 1101 RIVER BEND RD HAUGHTON LA 71037		E-mail:
Name of Lead Assessor: FLOYD SMITH		Date Completed: 08/29/2019
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: 10/02/2018

Positive Sample [redacted] monthly samples)

Positive Sample #1:	Sample POC#:S1905800-001	Sample POC Name: TCR-003
Sample Date: 08/21/2019	Name of Sample Collector: PAUL GIBBS	
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#:S1905836-001	Sample POC Name: RPDN
Sample Date: 08/22/2019	Name of Sample Collector: PAUL GIBBS	
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 #3:	Sample POC#:S1905836-002	Sample POC Name: RPUP
Sample Date: 08/22/2019	Name of Sample Collector: PAUL GIBBS	
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#:S1905836-003	Sample POC Name: TCR-003
Sample Date: 08/22/2019	Name of Sample Collector: PAUL GIBBS	
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 ☐

Assessment Qu[redacted]

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: Floyd Smith

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: FLOYD SMITH

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: FLOYD SMITH

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: FLOYD SMITH

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: FLOYD SMITH

F. Water Quality Data Table

Parameter	Number of Each Sample Type Collected		
	Raw ()	Entry Point ()	Distribution ()
Chlorine Residual (mg/L)		.22	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 CHLORINE INJECTOR IS NOT WORKING PROPERLY.	

Issue Description (list section letter and #)	Corrective Action
MINIMUM CHLORINE RESIDUAL NOT MAINTAINED THROUGHOUT DISTRIBUTION	

Issue Description (list section letter and #)	Corrective Action
NO LICENSED OPERATOR IS ON FILE.	

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): FLOYD SMITH , DISTRICT 4 SANITARIAN

Lead Assessor's Name Signature: **Date: 08/30/2019**

Floyd Smith

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: RIVER POINT WATER SYSTEM		PWS ID#: 1015030
Contact Name: ALAN FOX		Phone #: 318-390-8130
PWS Address: 1101 RIVER BEND RD HAUGHTON LA 71037		E-mail:
Name of Lead Assessor: FLOYD SMITH		Date Completed: 10/30/2019
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: 08/23/2019

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

Positive Sample #1:	Sample POC#:S1907359-001	Sample POC Name: TCR-004
Sample Date: 10/23/2019	Name of Sample Collector: PAUL GIBBS	
Chlorine Residual: Free X Total ☐ Not Measured ☐		0.06 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#:S1907388-001	Sample POC Name: RPDN
Sample Date: 10/24/2019	Name of Sample Collector: PAUL GIBBS	
Chlorine Residual: Free X Total ☐ Not Measured ☐		0.17 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#:S1907388-002	Sample POC Name: RPUP
Sample Date: 10/24/2019	Name of Sample Collector: PAUL GIBBS	
Chlorine Residual: Free X Total ☐ Not Measured ☐		0.17 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#:S1907388-003	Sample POC Name: TCR-004
Sample Date: 10/24/2019	Name of Sample Collector: PAUL GIBBS	
Chlorine Residual: Free X Total ☐ Not Measured ☐		0.05 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: Floyd Smith

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: FLOYD SMITH

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: FLOYD SMITH

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: FLOYD SMITH

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: FLOYD SMITH

F. Water Quality Data Table

Parameter	Number of Each Sample Type Collected		
	Raw ()	Entry Point ()	Distribution ()
Chlorine Residual (mg/L)		0.0	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 CHLORINE INJECTOR IS NOT WORKING PROPERLY.	

Issue Description (list section letter and #)	Corrective Action
MINIMUM CHLORINE RESIDUAL NOT MAINTAINED THROUGHOUT DISTRIBUTION	

Issue Description (list section letter and #)	Corrective Action
NO LICENSED OPERATOR IS ON FILE.	

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): FLOYD SMITH , DISTRICT 4 SANITARIAN

Lead Assessor's Name Signature: **Date: 10/30/2019**

Floyd Smith

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 0001 0572 3260

October 30, 2019

Larry Landry
East Central Bossier Water System
P.O. Box 130
Princeton, LA 71067

Re: Class I Sanitary Survey
East Central Bossier Water System
PWS ID LA1015039
Bossier Parish

Dear Mr. Landry:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 29, 2019 sanitary survey inspection of the public water supply system for East Central Bossier 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	LDH-OPH Engineering Services
Hannah Beatty	LDH-OPH Engineering Services
Larry Landry	East Central Bossier 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
06/29/2017	06/29/2017	Sanitary Survey, Finished	Minor	Treatment	TP001- MAIN PLANT HWY 160
Comments: Leak at aerator storage chamber needs to be repaired					

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 a drain pipe at the base of the ground storage tank that is exposed to the atmosphere, this shall be screened to prevent the entrance or insects or small rodents (see Photo No. 1).
FACILITY	CATEGORY	FINDINGS
1015039-006 - WELL NO. 6 (HWY 160 REMOTE 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. The holes at the rear of the electrical boxes shall be sealed to prevent entrance of insects (see Photo No. 2).


Photo No. 1

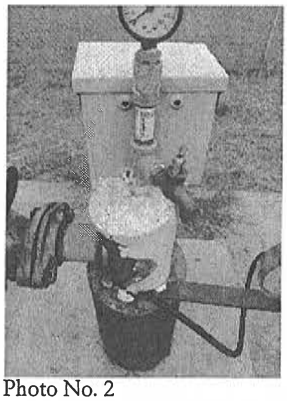


Photo No. 2

Deficiencies

FACILITY	CATEGORY	FINDINGS
	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. 3).
FACILITY	CATEGORY	FINDINGS
GR001 - GST #1 @ MAIN PLANT	Finished Water Storage	An additional TCR sampling location for routine and repeat samples shall be assigned. Repeat sites should be five services connections upstream and downstream of the TCR site. 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.
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT HWY 160	Treatment	The chlorine solution injector/diffuser must be compatible with the point of application to provide a rapid and thorough mix with all the water being treated. The center of a pipeline is the preferred application point. The injector pumps are not secured and resting on the chemical container. The injector pumps should be secured to prevent equipment failure and ensure continuous and proper dosing chemical (Photo No. 4).
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT HWY 160	Treatment	Where chlorine gas is used, the room shall be constructed to provide the following: air inlets should be through louvers near the ceiling. The vent located on top of the structure shall be protected with mesh material to promote ventilation but prevent the entrance of insects to debris.

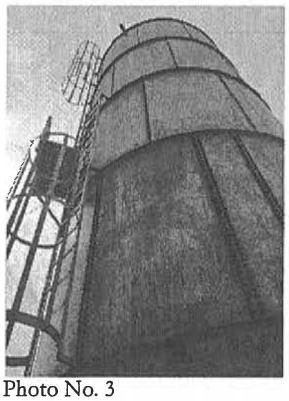


Photo No. 3

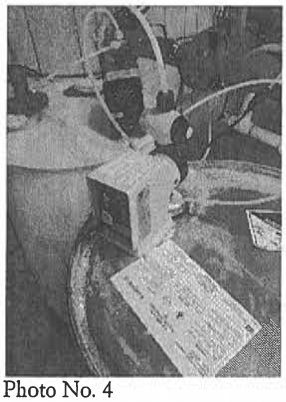


Photo No. 4

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	System Management and Operation	Well No.1 has excess clutter along the fence line that should be removed. The site should be cleaned and maintained to prevent accidents for water plant personnel and system infrastructure (see Photos No. 5 & No. 6).

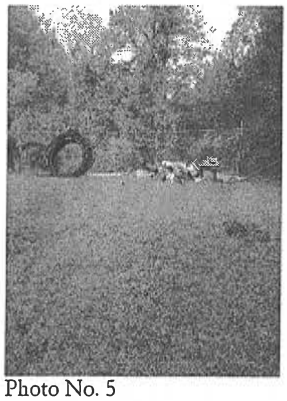


Photo No. 5


Photo No. 6

Written Response Required

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 2290 0001 3347 7512

October 31, 2019

Larry Landry
West Central Bossier Water System
P.O. Box 70
Benton, LA 71006

Re: Class I Sanitary Survey
West Central Bossier Water System
PWS ID LA1015048
Bossier Parish

Dear Mr. Landry:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 29, 2019 sanitary survey inspection of the public water supply system for West Central Bossier 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
Larry Landry	West Central Bossier Water System
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
2015019-001 - WELL #3 PENAL FARM PLANT and 2015019-002 - WELL #4, PENAL FARM (NORTH)	Source	The holes on the back side of the electrical panel shall be sealed to prevent the entrance of insects. 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 Figure 1.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	West Central Bossier Water System requires an additional TCR sampling site. The system shall install a sample tap and notify LDH of the additional TCR site. The monitoring plan shall include a list of all routine 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 a plant or distribution system require changes to the sampling locations 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
GR001 - GROUND STORAGE TANK AT PENAL FARM	Finished Water Storage	The overflow appeared to be over 24 inches above grade. 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 Figure 2.
FACILITY	CATEGORY	FINDINGS
TP001 - PENAL FARM TREATMENT PLANT	Treatment	The chlorine solution injector/diffuser must be compatible with the point of application to provide a rapid and thorough mix with all the water being treated. The center of a pipeline is the preferred application point. The injector pumps are not secured and are resting on a shelf. The injector pumps should be secured to prevent equipment failure and ensure continuous and proper chemical dosing. See Figure 3.
FACILITY	CATEGORY	FINDINGS
2015019-002 - WELL #4, PENAL FARM (NORTH)	Source	Old parts from the well repair were left on the well slab. Items being stored could potentially cause damage to the well. Protection from physical damage shall be provided as required by the reviewing authority. See Figure 4.

FACILITY	CATEGORY	FINDINGS
2015019-001 - WELL #3 PENAL FARM PLANT	Source	The pressure gauge was not in good working order. The gauge should be replaced. 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. 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 - PENAL FARM TREATMENT PLANT	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized. See Figure 6.
FACILITY	CATEGORY	FINDINGS
TP001 - PENAL FARM TREATMENT PLANT	Treatment	The chlorine feed room is not equipped with an inspection window. A shatter resistant inspection window is required, where chlorine gas is fed. 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, 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

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 318-676-7434.

Respectfully,

Hannah Beatty, P.E.

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



Figure 1 Holes in Electrical Box



Figure 2 Overflow Over 24" Above Grade

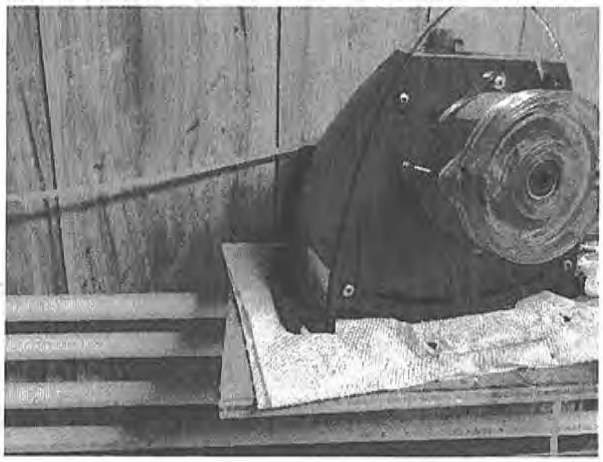


Figure 3 Unsecure Injector Pump



Figure 4 Old Equipment on Well Slab



Figure 5 Pressure Gauge



Figure 6 Chlorine Cylinders Without Weighing Scales



Figure 7 Chlorine Building Without Inspection Window

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: GREEN PARK WS		PWS ID#: 2015004
Contact Name: Ted Hansen		Phone #: 318-268-8558
PWS Address: 165 Green Park Rd		E-mail: tedd3@gmail.com
Name of Lead Assessor: Floyd Smith		Date Completed: 10/30/2019
Level 2 Trigger Date:	*E. coli* Positive: YES ☐ NO	If yes, which sample(s) from Section II?
	2nd Level 1: YES x NO ☐	Date of 1st Level 1: NA

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-002	Sample POC Name:
Sample Date: 10/23/2019	Name of Sample Collector : PAUL GIBBS	
Chlorine Residual: Free X Total ☐	Not Measured ☐	.01.
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: LEFT OF STORE
Sample Date: 10/24/2019	Name of Sample Collector: PAUL GIBBS	
Chlorine Residual: Free X Total ☐	Not Measured ☐	.07.
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: RIGHT OF STORE
Sample Date: 10/24/2019	Name of Sample Collector: PAUL GIBBS	
Chlorine Residual: Free X Total ☐	Not Measured ☐	.05mg/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-002	Sample POC Name:
Sample Date: 10/24/2019	Name of Sample Collector: PAUL GIBBS	
Chlorine Residual: Free X Total ☐	Not Measured ☐	.05 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 #5:	Sample POC#:	Sample POC Name:
Sample Date:	Name of Sample Collector:	
Chlorine Residual: Free X 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 ☐

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: FLOYD SMITH

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		
13.				

Assessor Name: FLOYD SMITH

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: FLOYD SMITH

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: FLOYD SMITH

IV. 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)			

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

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

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): FLOYD SMITH

Title: DISTRICT COMPLIANCE OFFICER

Name Signature:

Date: 10/30/2019

Phone and Email:

318-676-7481

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

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 ☐

Positive Sample #10:	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 #11:	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: 7012 1010 0000 157 9864

October 31, 2019

K. D. Dhaliwal
CAMP JOY MARINA WATER SYSTEM
4911 Camp Joy Road
Haughton, LA 71037

Re: Class I Sanitary Survey
CAMP JOY MARINA WATER SYSTEM Public Water System
PWS ID LA2015020
BOSSIER Parish

Dear Dhaliwal:

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 CAMP JOY MARINA 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
Randy Davis	Camp Joy Marina 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

0Visit Date	Notify Date	Reason	Severity	Category	Facility
11/13/2014	12/17/2014	Sanitary Survey, Finished	Significant	Other	HD003-PRESSURE TANK #3
Comments: There were trees and vegetation within the Well #3 site. The site was enclosed by a fence that is less than six feet high. The water well #3 site 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.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/13/2014	12/17/2014	Sanitary Survey, Finished	Significant	Source	2015020-003-WELL #3
Comments: 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.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/13/2014	12/17/2014	Sanitary Survey, Finished	Significant	Source	2015020-003-WELL #3
Comments: The concrete slab around Well #3 was cracked and broken. The slab did not extend at least thirty (30) inches in all directions from the well casing. The concrete slab shall be repaired or replaced so that the slab extends at least 30 inches in all directions and has no cracks which allows surface water to go down inside the well into the aquifer.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	There is no protective fencing around the North Well. A fence, capable of being locked, must be constructed around all aspects of the public water supply. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
2015020-002 - WELL #2	Source	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. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
2015020-003 - WELL #3	Source	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. 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 #5**

Deficiencies

FACILITY	CATEGORY	FINDINGS
2015020-001 - 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.

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

Violation Number	Violation Date	Violation Type	Compliance Period
7006021	06/25/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
7006020	03/04/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	02/01/2019 - 02/28/2019
7006018	02/05/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	01/01/2019 - 01/31/2019
7006006	01/30/2019	FAILURE ADDRESS DEFICIENCY (GWR)	
7006019	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 318-676-7867.

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

Category: Security

Attachment Comments: There is no protective fencing around the North Well. A fence, capable of being locked, must be constructed around all aspects of the public water supply.



Attachment #4

Severity: Significant

Facility ID: WELL #2

Category: Source

Attachment Comments: 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.



Attachment #5

Severity: Significant

Facility ID: WELL #3

Category: Source

Attachment Comments: 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. 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.

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 2106**

September 10, 2019

Rob Stinson
CASH POINT LANDING
180 Cash Point Road
Bossier City, LA 71111

Re: Class I Sanitary Survey
CASH POINT LANDING Public Water System
PWS ID LA2015021
BOSSIER Parish

Dear Mr. Stinson:

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 CASH POINT LANDING (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Jay Heard	Consolidated WW/Sewerage #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

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	System Management and Operation	The well sites for Well No. 1 and Well No. 2 are overgrown with vegetation. Both buildings have multiple nests and swarming wasps. The site should be cleaned, mowed, and maintained to prevent accidents/injury for water plant personnel and to protect system piping and infrastructure.

Written Response Required

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 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

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 9901**

December 12, 2019

Georgie Wright
RODGERS MARINA
1051 CC Sandridge Rd
Elm Grove, LA 71051

Re: Class I Sanitary Survey
RODGERS MARINA Public Water System
PWS ID LA2015025
BOSSIER Parish

Dear Ms. Wright:

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 RODGERS MARINA (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Georgie Wright	Rodgers Marina

NOTICE OF VIOLATIONS

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

The following list 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
2015025-001 - WELL NO. 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 the voids in the casing seal to prevent bacteriological contamination. **See Figure 1 – Deficiency #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
2015025-001 - WELL NO. 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 Figure 1 - Deficiency #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

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments

	**Figure 1 - Deficiency #1** **Severity:** Minor **Facility ID:** WELL NO. 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. **Figure 1 – Deficiency #2** **Severity:** Significant **Facility ID:** WELL NO. 1 **Category:** Source **Attachment Comments:** 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.

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 3178

September 3, 2019

Steve Pracht
Autumn Acres MHP Public Water System
2919 Risinger Drive
Shreveport, LA 71119

Re: Class I Sanitary Survey
Autumn Acres MHP Public Water System
PWS ID LA1017002
Caddo Parish

Dear Pracht:

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 Autumn Acres MHP Public 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	LDH-OPH Engineering Services
Steve Pracht	Autumn 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	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
DS0950 - DISTRIBUTION SYSTEM	Distribution System	There was a leak present at the flange connection coming from the storage tank due to a deteriorated gasket (see Photo 1).



Photo No. 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: 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 318-676-7837.

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 9275 2007**

June 14, 2019

Andy Craig
BEL-DI-GIL WATER SYSTEM
P. O. Box 270
Belcher, LA 71004

Re: Class I Sanitary Survey
BEL-DI-GIL WATER SYSTEM Public Water System
PWS ID LA1017004
CADDO Parish

Dear Mr. Craig:

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 BEL-DI-GIL 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
Larry "Peanut" Bush	Bush Enterprises

NOTICE OF VIOLATIONS

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

The following list 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
07/01/2016	07/06/2016	Formal Enforcement	Significant	Finished Water Storage	GR001-GST #1, BELCHER
Comments: The ground storage tank shows significant corrosion. The ground storage tank must be repaired, cleaned, and painted.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/01/2016	07/06/2016	Formal Enforcement	Significant	Source	1017004-004-WELL #4, BELCHER PLANT
Comments: The water well discharge piping shows severe corrosion. Discharge piping must be replaced.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The well discharge piping for Well #4 and Well #5 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. **See Figure 1.**
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
1017004-004 - WELL #4, BELCHER PLANT	Source	Soil in the area around the well casing and discharge piping is eroding. The holes must be filled in and the area around the well must be graded to facilitate the rapid removal of water within a 50' radius of the well. The eroded soil can lead to ponding water which presents a potential source of contamination.
FACILITY	CATEGORY	FINDINGS
1017004-005 - WELL #5 PRESB.CHURC	Source	Soil in the area around the well casing and discharge piping is eroding. The holes must be filled in and the area around the well must be graded to facilitate the rapid removal of water

H STREET		within a 50' radius of the well. The eroded soil can lead to ponding water which presents a potential source of contamination. Holes in the back of the electrical box create a void and are not properly sealed. The current electrical box has void spaces that provide for the possible entrance of foreign substances that could lead to bacteriological contamination. Eliminate the voids in the electrical box to prevent bacteriological contamination. 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
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	System Management and Operation	Electrical wires are dangling from the walls across the clarifier room. All electrical work shall conform to the requirements of the National Electric code or to relevant state and/or local codes. **See Figure 2 and Figure 3.** The electrical panels and boxes at the Marino Well (Well #5) 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 site. At the Marino Well (Well #5), the plank of wood securing the junction box for the electrical wiring is rotting and deteriorating. Junction box should be properly secured to prevent failure of electrical service to well.
FACILITY	CATEGORY	FINDINGS
GR002 - GST #2, GILLIAM	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

GR001 - GST #1, BELCHER	Finished Water Storage	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.
FACILITY	CATEGORY	FINDINGS
GR002 - GST #2, GILLIAM	Finished Water Storage	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. **See Figure 4.**
FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT PLANT @ GILLIAM	Treatment	A chemical tank stored on site was not labeled. The chemical feed tank must be labeled. Label the chemical feed tank with the name of the chemical being injected for treatment or remove the unlabeled tank from the site, if no longer in use. **See Figure 5.**
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT	Treatment	The injector pump for the polyphosphate 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. **See Figure 6.**
FACILITY	CATEGORY	FINDINGS
1017004-004 - WELL #4, BELCHER PLANT	Source	A piece of wood is being used as a pipe support on the well discharge piping. The well discharge piping must be adequately supported to prevent physical damage. Install a new pipe support at the location of the existing base plate and concrete foundation.
FACILITY	CATEGORY	FINDINGS
1017004-005 - WELL #5 PRESB.CHURCH STREET	Source	The well discharge piping is showing signs vegetative growth. The well discharge piping must be cleaned, treated and painted to resist further growth 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	The pipes within the pipe gallery room (Main Plant and Gillam Site) 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. **See Figure 7.**
FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT PLANT @ GILLIAM	Treatment	Chlorine cylinders were restrained with a single chain. It is recommended to chain each cylinder individually to prevent upset.
FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT PLANT @ GILLIAM	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT	Treatment	The brine tank was not covered within the storage room. Salt dissolving or brine tanks and wet salt storage tanks must be covered and must be corrosion-resistant. **See Figure 8.**
FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT PLANT @ GILLIAM	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
TP001 - MAIN PLANT	Treatment	To facilitate identification of piping in the piping and chemical injection room, it is recommended that pipe are color coded with the name of the liquid or gas labeled on the pipe. In some cases it may be advantageous to provide arrows indicating the direction of flow. **See Figure 9 and 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: 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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1807118-001	Routine	12/11/2018		0.100	0.130
S1807118-002	Routine	12/11/2018		0.140	0.200

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

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
05/15/2019	0.168 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
05/15/2019	0.120 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
02/07/2019	0.132 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
02/07/2019	0.176 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
11/09/2018	142 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
11/09/2018	190 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
08/16/2018	139 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
08/16/2018	192 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
7003871	05/09/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
7003868	01/03/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	12/01/2018 - 12/31/2018
7003867	12/14/2018	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 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



Figure 1 – Well Discharge Piping



Figure 2 - Electrical Wiring in Clarifier Room

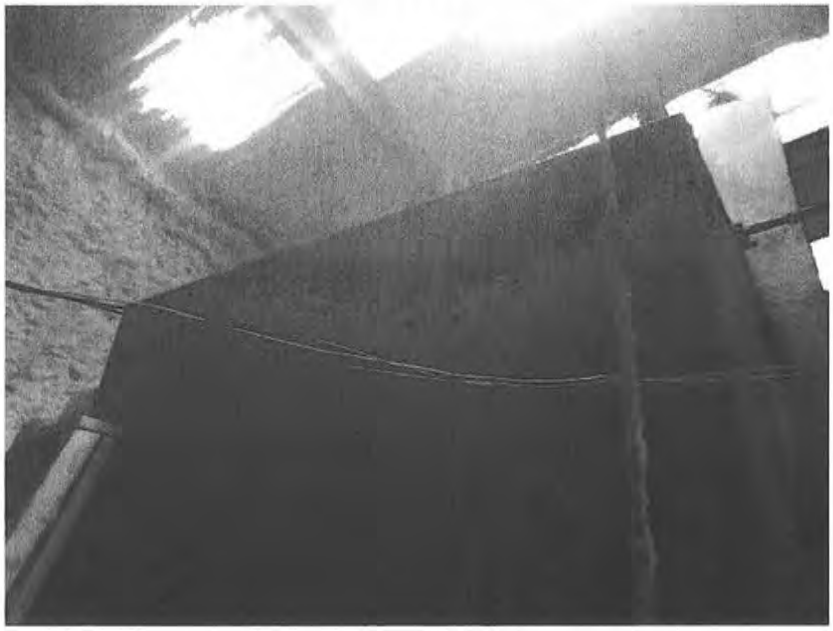


Figure 3 - Electrical Wiring in Clarifier Room

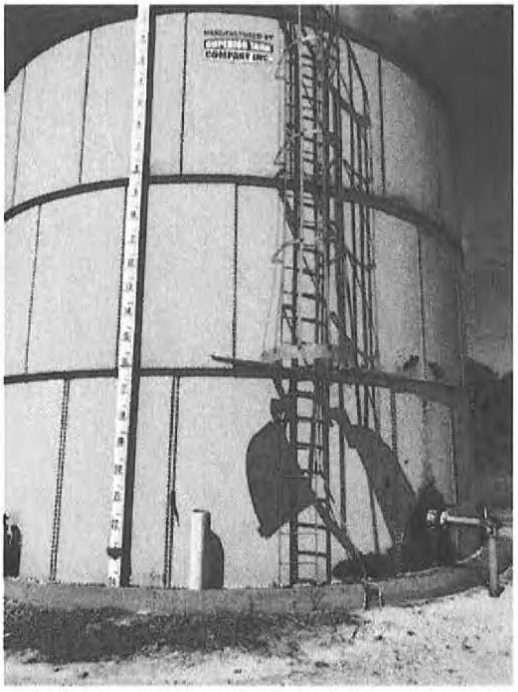


Figure 4 – GST at Gilliam Site

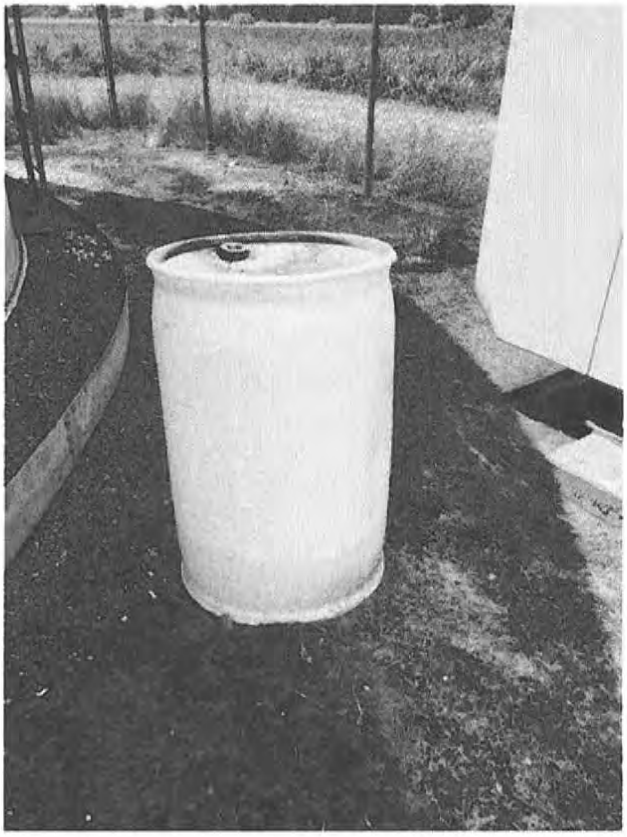


Figure 5 – Unlabeled Chemical at Gilliam GST Site



Figure 6 – Polyphosphate Injector Pump

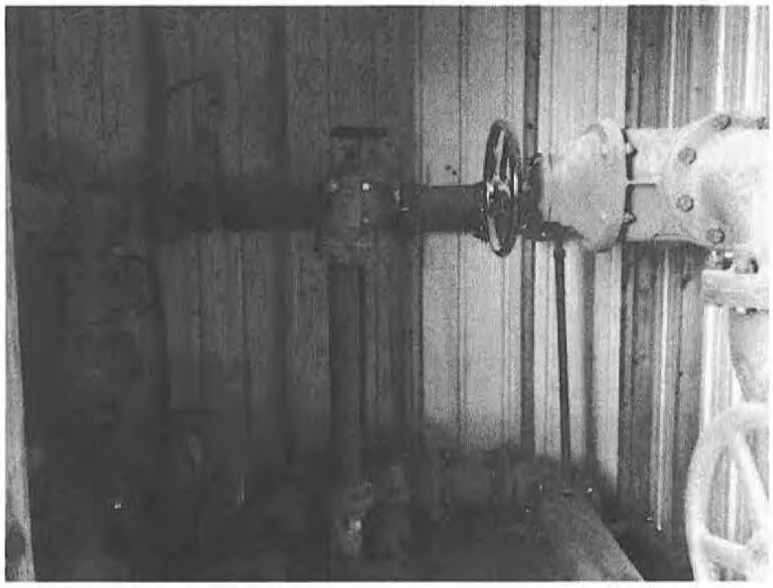


Figure 7 - Piping in the Pipe Gallery Room

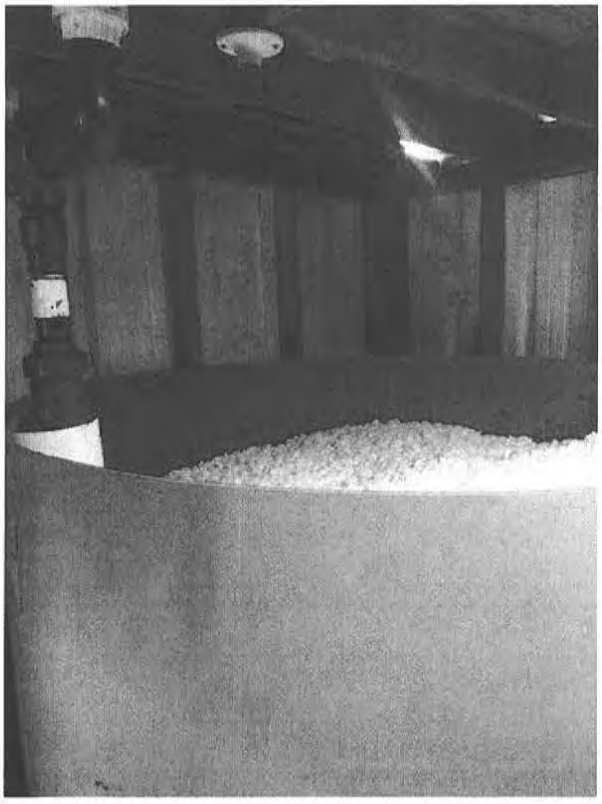


Figure 8 – Brine Tank

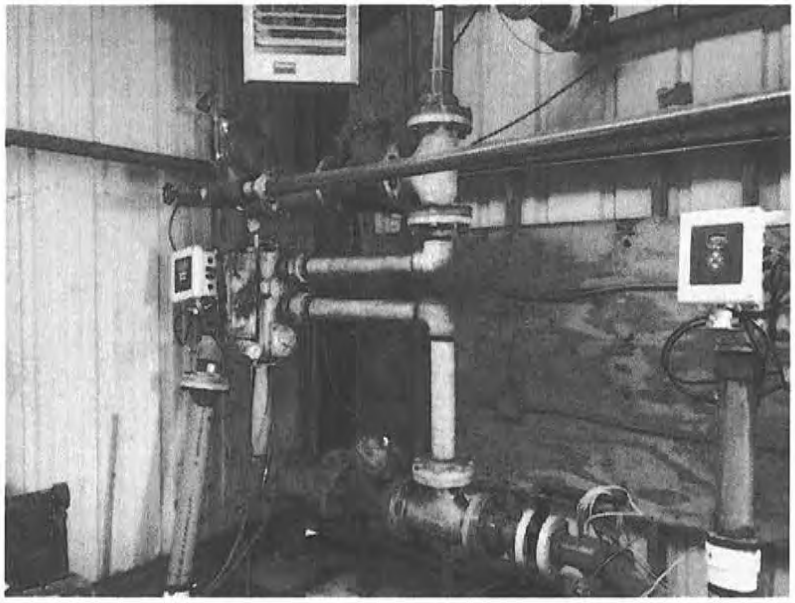


Figure 9 - Piping in the Piping and Chemical Injection Room

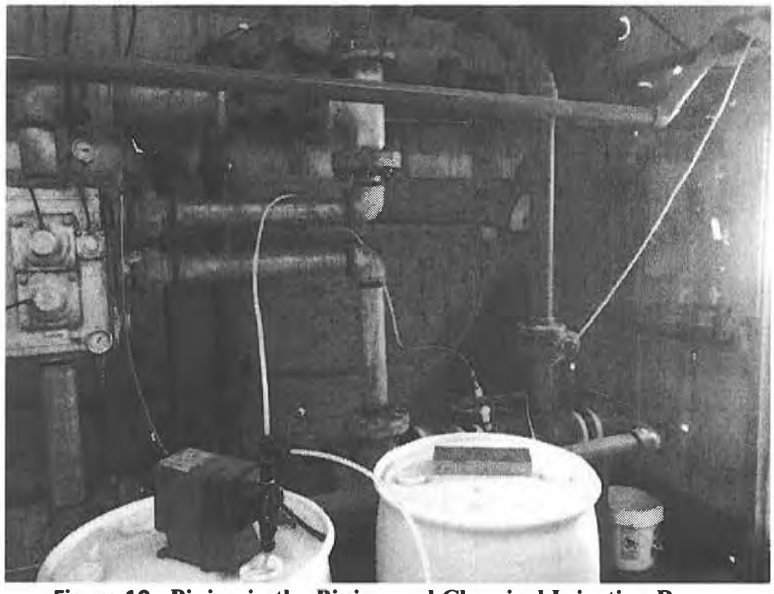


Figure 10 - Piping in the Piping and Chemical Injection Room

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 1994**

June 13, 2019

Jim Galambos
BLANCHARD WATER SYSTEM
P.O. Box 428
Blanchard, LA 71009

Re: Class I Sanitary Survey
BLANCHARD WATER SYSTEM Public Water System
PWS ID LA1017006
CADDO Parish

Dear Mayor Galambos:

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 BLANCHARD 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
Perry Fuller	Blanchard Water System
Lonnie Smith	Blanchard 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
TP002 - 2014 NEW TREATMENT	Treatment	The chemical feed tank Poly Aluminum Carbonite (PAC) is mislabeled as Aluminum Sulfate. The chemical feed tank must be correctly labeled. Correct the label for the chemical feed tank with the name of the chemical being injected for treatment (PAC).

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL003 - EST #3, LA 173 AND 538	Finished Water Storage	Soil is eroded at the Elevated Storage overflow splash pad. 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
GR007 - GST #7, INDIAN HILLS	Finished Water Storage	Soil is eroded at the Ground Storage overflow splash pad. 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
GR006 - GST #6, INDIAN HILLS	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
GR007 - GST #7, INDIAN HILLS	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
EL001 - EST #1, MAIN PLANT	Finished Water Storage	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.

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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1903287-003	Routine	5/15/2019		0.000	2.230

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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: **7018 1830 0000 9275 2113**

October 4, 2019

Theresa Knight
DENNY DRIVE WATER SYSTEM
P.O. Box 296
Keithville, Louisiana 71047

Re: Class I Sanitary Survey
DENNY DRIVE WATER SYSTEM Public Water System
PWS ID LA1017009
CADDO Parish

Dear Ms. Knight:

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 DENNY DRIVE 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
Keith Howard	Eagle Water, 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	The security fence surrounding the water system facilities is not tall enough to prevent unauthorized access. Furthermore, there are sections of the fence near collapsing. 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. **(Refer to Figure 1)**
FACILITY	CATEGORY	FINDINGS
1017009-002 - WELL #2	Source	The well casing and seal has significant cracking. There shall be no pathway for contamination into the well casing and/or discharge piping. The casing and sanitary seal shall be maintained to prevent the introduction of contamination into the well casing and discharge piping. Repair the cracks to prevent any potential contamination into the well. **(Refer to Figure 2)**

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT DENNY DRIVE	Treatment	The chemical feed tank for sodium hypochlorite 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. **(Refer to Figure 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 – 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

ATTACHMENT 1



Figure 1 – Security Fence



Figure 2 – Crack in Well Casing/Seal

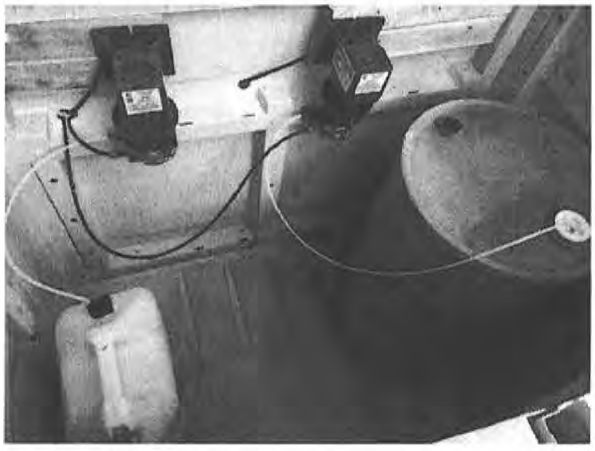


Figure 3 – Chemicals without Labeling

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 1864**

May 7, 2019

Mayor Frank Stawasz
TOWN of GREENWOOD WATER SYSTEM
9381 Greenwood Rd
Greenwood, LA 71033

Re: Class I Sanitary Survey
TOWN of GREENWOOD WATER SYSTEM Public Water System
PWS ID LA1017014
CADDO Parish

Dear Mayor Stawasz:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 23, 2019 sanitary survey inspection of the public water supply system for TOWN of GREENWOOD 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
Ken Bardett	Town Of Greenwood Water System
Hannah Beatty	LDH-OPH Engineering Services
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
11/08/2018	11/16/2018	Sanitary Survey Follow-up	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.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	A leak was discovered on the settled water line in the membrane filter room. The leak should be investigated and repaired as necessary.
FACILITY	CATEGORY	FINDINGS
Management	Other	The riser for a sanitary sewer manhole located by the high service pipe room has shifted from the cone, leaving a large void. This void allows for possible inflow and overflow of the sanitary sewer. A sanitary sewer overflow has potential to contaminate the treatment plant site and to runoff into the raw water reservoir. The manhole should be repaired and possibly elevated above the BFE if necessary. (Refer to Figure 1) The finished water turbidity is measured at a location a significant distance from the actual finished water. The water system must evaluate the location of the turbidimeters to determine if they are currently installed in the most optimal location for compliance, maintenance, and data collection and relocate if deemed necessary. This creates an opportunity for measurement error. Consideration should be given to the length of the tubing, potential for air pockets to develop in the tubing causing inaccurate data.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - EST #1	Finished Water Storage	A leak was discovered at the Elevated Tank site in the area of the pressure transducer close to the gate. Leak should be analyzed and repaired as necessary.
FACILITY	CATEGORY	FINDINGS
EL001 - EST #1	Finished Water Storage	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.

FACILITY	CATEGORY	FINDINGS
TP006 - SURFACE WATER TREATMENT PLANT	Treatment	Floc particles appeared to be oversized and not settling appropriately. The floc/settling basins should be cleaned and treatment processes should be evaluated to optimize plant performance. (Refer to Figure 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	Consideration must be given to the safety of water plant personnel and visitors. Adequate supply of protective equipment, clothing, and gas masks is not available. Additional Personal Protective Equipment (PPE) and Self-Contained Breathing Apparatus (SCBA) should be purchased and maintained to ensure personnel safety around hazardous chemicals.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The high service 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 3)
FACILITY	CATEGORY	FINDINGS
TP006 - SURFACE WATER TREATMENT PLANT	Treatment	The mixer in the settling basin is severely rusted and corroded. The mixer should be repaired/coated or replaced to ensure efficient and optimized treatment performance. (Refer to Figure 4)
FACILITY	CATEGORY	FINDINGS
Management	Security	Due to the remote location of the water treatment plant, the Town should consider additional options for providing security at the water treatment plant. An intruder alert system with remote

		monitored cameras may help protect against unauthorized entry to prevent trespassing, vandalism, and sabotage of the water system facilities, and to maintain a general awareness of activities on site when system personnel is not present.

Written Response Required

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 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 – Sanitary sewer manhole at treatment plant.



Figure 2 – Floc particles in floc/settling basins.



Figure 3 – Rust/corrosion in high service pump gallery room.



Figure 4 – Rust/corrosion on mixer in settling basin.

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 2021**

June 17, 2019

Mr. Jared Monarch, Owner
Hillside Mobile Home Park
P.O. Box 5682
Shreveport, LA 71135

Re: Class I Sanitary Survey
HILLSIDE MOBILE HOME PARK Public Water System
PWS ID LA1017015
CADDO Parish

Dear Mr. Monarch:

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 HILLSIDE 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
Autumn Permenter	LDH-OPH Engineering District 4
Hannah Beatty	LDH-OPH Engineering Services
Donald Franks	Hillside Water & Sewage LLC
Robert C. McCain	Hillside 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
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. During the inspection, Clearitas was noted as being previously utilized when the water system wells were in use. This office has no record of a permit for the chemical addition. Therefore, the chemical must not be utilized in the treatment process. Please note the addition of this chemical will require the operator to hold a minimum Class 1 Water Treatment certification in addition to the currently required Water Production and Water Distribution certifications. Prior to utilization of this product in the future, the water system must provide plans and specifications for approval and permitting by this office. In lieu of submitting as-built plans by a professional engineer for review and approval, provide a letter confirming the water system will remove the product and remain a customer of Blanchard Water System.
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
ALL WELLS (1017015-002 - WELL #2, 1017015-005 - WELL #5, 1017015-007 - WELL #7,	Source	It was noted that the water system recently changed water sources from groundwater treated with free chlorine to surface water treated with chloramines. Based off of the information provided during the survey, the water system is now considered a surface water purchase system that utilizes chloramines for disinfection. The water wells have been noted in the LDH database as inactive. All wells must be plugged and abandoned properly in accordance

1017015-001 - WELL #1, 1017015-003 - WELL #3, 1017015-004 - WELL #4, 1017015-006 - WELL #6)		with all applicable standards, rules and regulations for the State of Louisiana.

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.

Recommendations

The following observations made at the time of the inspection have the potential to 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

Violation Number	Violation Date	Analyte	Compliance Period
4080720	11/05/2018	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

No other violations were reported in the past year.

Please note that based on observation of multiple significant deficiencies during the inspection, the existing treatment and production facilities may not be returned to service. If consideration is requested to reinstate in the future, an extensive evaluation must be performed in order to develop an up-to-date and comprehensive list of deficiencies and sanitary defects to be addressed. Your 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: 7018 1830 0000 9275 0911- Return Receipt Requested

October 31, 2019

Mr. Whitlow W. Giles
Hosston Mira Water System
P.O. Box 236
Hosston, LA 71043

Re: Class I Sanitary Survey
Hosston Mira Water System
PWS ID LA1017016
Caddo Parish

Dear Mr. Giles:

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 Hosston Mira 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
Little John Cecil	Hosston Mira 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
04/19/2017	04/26/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GST #1
Comments: The ground storage tank showed signs of slight corrosion at the top of the tank. The tank should be inspected and cleaned as needed on a five year cycle. The tank should also be protected from further corrosion.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
04/19/2017	04/26/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	ST001-STANDPIPE
Comments: The standpipe showed signs of corrosion. The tank shall be inspected and be protected from further corrosion.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
04/19/2017	04/26/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	ST001-STANDPIPE
Comments: The ground around the standpipe was severely eroded at the drain location. The ground shall be filled in and graded in a manner that will prevent surface water from standing within 50 feet of it.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
04/19/2017	04/26/2017	Sanitary Survey, Finished	Minor	Treatment	TP001-MAIN PLANT MIRA TANKS HWY 71
Comments: The chlorine building at the treatment plant shall have a ventilating fan with capacity which provides one complete air change per minute when the room is occupied.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/29/2014	06/06/2014	Sanitary Survey, Finished	Significant	Treatment	TP001-MAIN PLANT MIRA TANKS HWY 71
Comments: The water system remains out of compliance with TTHM compliance. The system has started utilizing chloramination as its source of disinfection. However, the system quickly encountered problems. The water system must seek assistance from their engineer and/or chemical provider in order to restore the proper chlorine to ammonia ratio. Please provide this office with steps taken to correct the problem.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GST #1	Finished Water Storage	The overflow piping did not have a screen on it at the time of the inspection which could allow the entrance of birds and insects into the drinking water supply. A 24-mesh screen shall be added to the overflow piping.
FACILITY	CATEGORY	FINDINGS
1017016-005 - WELL #5	Source	There were holes in the back of the electrical box that could provide a pathway for contamination into the well casing. The holes shall be sealed.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1017016-005 - WELL #5	Source	The well was starting to show signs of corrosion and shall be repainted to prevent damage to the well casing.
FACILITY	CATEGORY	FINDINGS
1017016-001 - WELL #1, MIRA TANKS	Source	The well was starting to show signs of corrosion and shall be repainted to prevent damage to the well casing.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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 MIRA TANKS HWY 71	Treatment	There was an extra chlorine cylinder that was being stored outside and was not chained to prevent upset. The chlorine cylinder should be moved out of direct sunlight and should be chained.

Written Response Required

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
7008862	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 318-676-5422.

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

CERTIFIED MAIL: 7018 1830 0000 9275 0560- Return Receipt Requested

April 15, 2019

Kenny Shaw
IDA WATER SYSTEM
P. O. Box 299
Ida, LA 71044

Re: Class I Sanitary Survey
IDA WATER SYSTEM Public Water System
PWS ID LA1017017
CADDO Parish

Dear Mr. Shaw:

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 IDA 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
Larry Pappan	Village Of Ida
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
04/28/2016	05/02/2016	Sanitary Survey, Finished	Minor	Source	1017017-005-WELL #5
Comments: The water system only has one well. A second well or an emergency connection shall be provided.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The water system did not have a formal cross connection control program in place. The water system shall draft an implement a cross connection control program. 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
1017017-005 - WELL #5	Source	The water system only had one well available for potable water use with no secondary sources of water available. A backup source of water shall be provided. 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
EL001 - EST #1	Finished Water Storage	The overflow ended at the top of the ground storage 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.
FACILITY	CATEGORY	FINDINGS
EL001 - EST #1	Finished Water Storage	There was no sample tap on the riser on the elevated tank. 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.

FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT ELEVATED TANK SITE	Treatment	There was no light in the chlorine building at the time of the inspection. A light with a separate switch on the outside of the building should be added. 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 ELEVATED TANK SITE	Treatment	There were no weighing scales available for the chlorine gas 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: 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 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: 7018 1830 0000 9275 0980- Return Receipt Requested

December 9, 2019

Theresa Knight
Linda Lane Water System
P.O. Box 296
Keithville, LA 71047

Re: Class I Sanitary Survey
Linda Lane Water System
PWS ID LA1017018
Caddo Parish

Dear Ms. Knight:

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 Linda Lane 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
Keith Howard	Eagle Water, 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

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1017018-002 - WELL #2	Source	There was no flow meter on the well at the time of the inspection. A flow meter shall be added.
FACILITY	CATEGORY	FINDINGS
1017018-001 - WELL #1	Source	There was no flow meter on the well at the time of the inspection. A flow meter shall be added.

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

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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
7004023	07/02/2019	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 318-676-5422.

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

CERTIFIED MAIL: **7012 1010 0000 1527 9727**

January 18, 2019

Mary Kay Tallant
LAKEVIEW WATER SYSTEM
3205 LORRAINE ST
SHREVEPORT, LA. 71107

Re: Class I Sanitary Survey
LAKEVIEW WATER SYSTEM Public Water System
PWS ID LA1017019
CADDO Parish

Dear Ms. Tallant:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 17, 2019 sanitary survey inspection of the public water supply system for LAKEVIEW 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
Jennifer Wallette	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
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
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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1802059-001	Routine	4/9/2018			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

Violation Number	Violation Date	Violation Type	Compliance Period
7001035	12/04/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	11/01/2018 - 11/30/2018
7001034	10/04/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	09/01/2018 - 09/30/2018
7001033	04/05/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	03/01/2018 - 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 318-676-7867.

Respectfully,

Tiffany Roberson

Tiffany Roberson, R.S.
Chemical 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 1830 0000 8554 0642**

January 9, 2019

Chester Coffman
MOORINGSPORT WATER SYSTEM
P.O. Box 9
Mooringsport, Louisiana 71060

Re: Class I Sanitary Survey
MOORINGSPORT WATER SYSTEM Public Water System
PWS ID LA1017023
CADDO Parish

Dear Mayor Coffman:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 8, 2019 sanitary survey inspection of the public water supply system for MOORINGSPORT 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
Richard L Delpapa	Mooringsport 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 system needs to establish and maintain a Cross Connection Control plan.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The system needs to establish and maintain a Nitrification Control plan.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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
7006647	10/19/2018	CHLORAMINE	09/01/2018 - 09/30/2018

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

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 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: 7018 1830 0000 9274 8819

September 26, 2019

Anthony Starks
PINEHILL WATERWORKS DISTRICT
4922 North Market Street
Shreveport, LA 71107

Re: Class I Sanitary Survey
PINEHILL WATERWORKS DISTRICT Public Water System
PWS ID LA1017027
CADDO Parish

Dear Mr. Starks:

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 PINEHILL 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
Danny Mortimer	OPH Region VII Engineering
Gregory Wilson	Pinehill 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	The system does not have an approved cross connection control plan. The system needs to adopt and implement a cross connection control plan.
FACILITY	CATEGORY	FINDINGS
1017027-006 - CROWSON #2 WELL	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.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The system needs to have a Nitrification Control Plan
FACILITY	CATEGORY	FINDINGS
GR001 - GST #1	Finished Water Storage	The area around the overflow piping showed signs of erosion. The area needs to be graded to prevent standing water.
FACILITY	CATEGORY	FINDINGS
GR001 - GST #1	Finished Water Storage	The overflow piping was not screened. The overflow piping needs to be screened with twenty-four mesh non-corrodible screen.
FACILITY	CATEGORY	FINDINGS
GR002 - GST #2	Finished Water Storage	The piping of the ground storage tank showed signs of corrosion. The piping needs to be cleaned and painted.
FACILITY	CATEGORY	FINDINGS
1017027-010 - CROWSON #6 WELL	Source	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.

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

correct 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 WINTER GARDEN STATION	Treatment	All chlorine cylinders need to individually chain to prevent being 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 – 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



Attachment #1 – Crowson Well #2 well slab



Attachment #2 – Crowson Well #6 vent screen

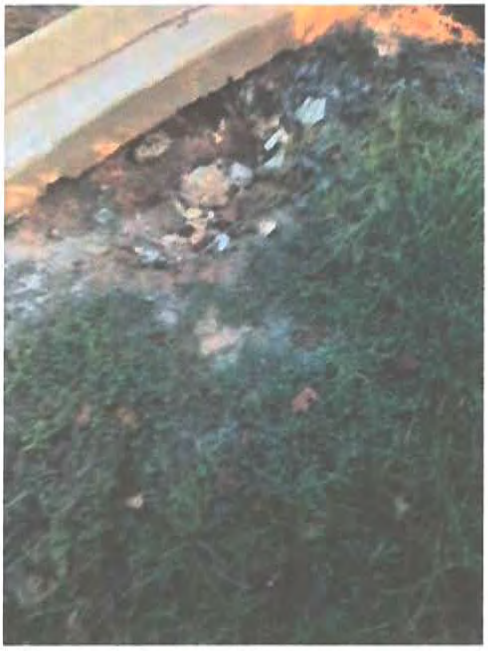


Attachment #3 – Chlorine cylinders





Attachment #4 – Ground storage tank #2 rusty piping



Attachment #5 – Ground storage tank #1 erosion

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 2981

September 23, 2019

Brenda Jones
Jones Rolling Ridge Water Company
P. O. Box 36
Greenwood, LA 71033

Re: Class I Sanitary Survey
Jones Rolling Ridge Water Company
PWS ID LA1017029
Caddo Parish

Dear Ms. Jones:

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 Jones Rolling Ridge 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
Hannah Beatty	LDH-OPH Engineering Services
Brenda Jones	Jones Rolling Ridge Water Co.
Willie Jones	Jones Rolling Ridge Water Co.
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
12/26/2013	02/06/2014	Sanitary Survey, Finished	Minor	Source	1017029-001-WELL #1
Comments: The water system must have a second source of water. This can be accomplished through an emergency connection to another water system or by providing a second well.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/20/2010	12/21/2010	Sanitary Survey, Finished	Minor	System Management and Operation	Management
Comments: 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.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The treatment building had a couple of holes in it. The holes shall be repaired to prevent the entrance of insects, animals, or other contaminants. **See Figure 1.**

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GST #1	Finished Water Storage	The overflow pipe terminated at the top of the ground storage 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. **See Figure 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 were a few items in the plant yard that should be removed. 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 Figure 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 – 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
S1904332-001	Routine	6/27/2019		1.200	
S1806024-001	Routine	10/17/2018		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

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,

Hannah Beatty, P.E.

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



Figure 1 Hole in Treatment Building



Figure 2 Overflow Pipe Position



Figure 3 Cleanup Required in Plant Yard

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 1192

March 19, 2019

Mayor Adrian Perkins
Shreveport Water System
505 Travis Street, Suite 200
Shreveport, LA 71101

Re: Class I Sanitary Survey
Shreveport Water System
PWS ID LA1017031
Caddo Parish

Dear Mayor Perkins:

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 SHREVEPORT 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
Rachael Bruce	LDH-OPH Region 6
William Charlot	LDH-OPH Engineering Services
Rory Dobbs	LDH-OPH Engineering District 4
Kelly Herrick	LDH-OPH Engineering Services
Tyler Lollis	LDH-OPH Engineering Region 8
Qiana Maple	City Of Shreveport
James Monroe	LDH-OPH Engineering Services
Danny Mortimer	LDH-OPH Region 7 Engineering
James Richardson	City Of Shreveport
Tiffany Roberson	LDH-OPH Engineering Region 7
Floyd Smith	LDH-OPH 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

FACILITY	CATEGORY	FINDINGS
Management	Security	Excessive vegetation is growing on the fence at the Elevated Tank (EST002) at Flournoy/Linwood. Trim vegetation to reduce hazard to security fence and maintain to prevent future growth. **See Attachment 1.**
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The ground storage tank (GST006) at 68th & Union is not equipped with a source of dedicated standby 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.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	Electrical conduit at the treatment basin for Plant 1 is rusted and deteriorating. Repair or replace the electrical conduit. **See Attachment 2.**
FACILITY	CATEGORY	FINDINGS
GR006 - GST #6 68TH & UNION	Finished Water Storage	Erosion was noted around the vent on the clear well causing ponding and inconsistent grading. 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 3.**
FACILITY	CATEGORY	FINDINGS
EL002 - EST #2	Finished Water Storage	The area around the storage tank is excessively wet. This area must be well drained to facilitate the rapid removal of water within a 50' radius of the storage tank. The ponding water presents a potential source of contamination and potentially compromise the integrity of the structure. **See Attachment 4.**
FACILITY	CATEGORY	FINDINGS
EL003 - EST #3 @ W. 70TH	Finished Water	The elevated storage tank showed signs of rust, corrosion, and flaking paint. The finished water storage facilities shall be cleaned, treated

AND RICE ROAD	Storage	and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities could benefit from an inspection. **See Attachment 5.**
FACILITY	CATEGORY	FINDINGS
GR004 - GST #4 @ W. 70TH AND PINE	Finished Water Storage	The ground storage tanks showed signs of rust, corrosion, and flaking paint. The finished water storage facilities shall be cleaned, treated and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities could benefit from an inspection.
FACILITY	CATEGORY	FINDINGS
GR006 - GST #6 68TH & UNION	Finished Water Storage	The hinges on the clear well hatch are broken. Repair/replace the hatch or hatch hinges to ensure watertight construction. **See Attachment 6.**
FACILITY	CATEGORY	FINDINGS
GR005 - GST #5 @ I-49 AND INNER LOOP	Finished Water Storage	The overflow for the storage tank does not discharge over an adequate splash plate or drainage inlet structure. The splash pad must be extended to prevent erosion around the foundation of the tower that could comprise the structural integrity of the tank.
FACILITY	CATEGORY	FINDINGS
GR005 - GST #5 @ I-49 AND INNER LOOP	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
EL002 - EST #2	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
GR007 - GST #7 MCNEIL PUMPING STATION	Finished Water Storage	The pumps are showing signs of rust, corrosion and flaking paint. The pumps and 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
GR004 - GST #4 @ W. 70TH AND PINE	Finished Water Storage	The pumps showed signs of rust, corrosion, and flaking paint. The pumps and 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
TP005 - Booster Chloramination at EST003 (Rice)	Treatment	The ammonia room fan is not operational. Repair the fan to withdraw air from high points in the room and makeup air shall be allowed to enter at a low 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
Management	System Management and Operation	Rust on fencing handrail on treatment basins can lead to unsafe conditions for plant personnel. Consideration must be given to the safety of water plant personnel and visitors. Repair and/or coat handrail to prevent accidents for water plant personnel and to protect treatment processes. **See Attachment 8.**
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	Soil is eroded at the Pre-Ozone Contact Basin. The hole must be filled with dirt and graded to drain away from the facility to prevent ponding of water and further erosion. **See Attachment 9.**
FACILITY	CATEGORY	FINDINGS
TP005 - Booster Chloramination at EST003 (Rice)	Treatment	Chlorine cylinders were restrained with a single chain. It is recommended to chain each cylinder individually 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 – 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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
79DTLAMISS10.15.18	Routine	10/15/2018			3.700
29D-AMISS	Routine	9/11/2018			3.100

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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,

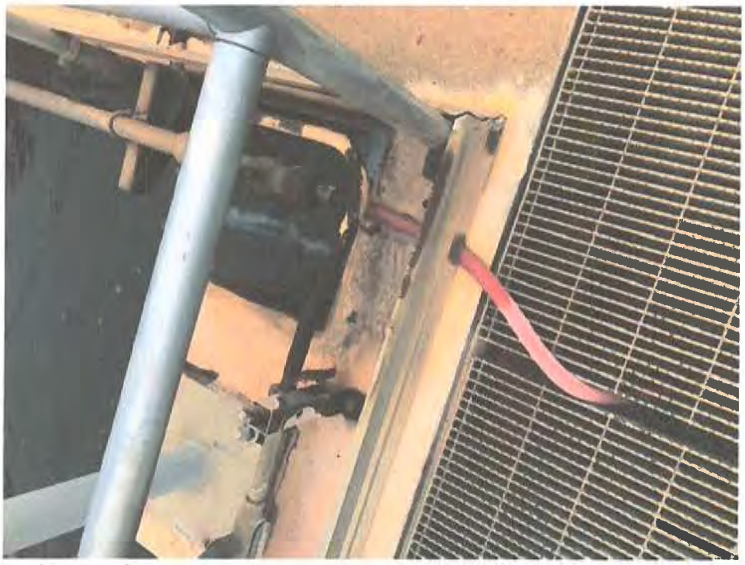
Autumn Permenter, P.E.
District Engineer – District IV
LDH/OPH - Engineering Services

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

Attachments



Attachment 1 –Excessive Vegetation



Attachment 2 - Electrical conduit at the treatment basin for Plant 1



Attachment 3 - Erosion discovered around the vent on the clear well



Attachment 4 - Ponding water



Attachment 5 - Elevated storage tank rust



Attachment 6 - Hinges on the clear well hatch



Attachment 7 - Pumps are showing signs of rust



Attachment 8 - Rust on fencing handrail on treatment basins



Attachment 9 – Eroded soil at the Pre-Ozone Contact Basin

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 0706 – Return Receipt Requested

June 12, 2019

Theresa Knight
SPRINGLAKE MHP WATER SYSTEM
P.O. Box 296
Keithville, LA 71047

Re: Class I Sanitary Survey
SPRINGLAKE MHP WATER SYSTEM Public Water System
PWS ID LA1017033
CADDO Parish

Dear Ms. Knight:

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 SPRINGLAKE 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
James Soileau III	LDH-OPH Region 7
Keith Howard	Eagle Water, 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
Management	Security	All public water supply wells, treatment units, tanks, etc., shall be located inside a fenced area that is capable of being locked. There was a hole under the security fence where a person could crawl through. The hole shall be covered to prevent unauthorized access to the water system.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The water system did not have a formal cross connection control program in place. The water system shall implement a formal cross connection control program. 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
1017048-001 - LOUANN FARMS WELL (DOUBLE D DR)	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 wiring was not incased in a conduit, which could provide a pathway for contamination into the well casing if the wiring is damaged. A protective conduit shall be added to protect the integrity of the well casing.
FACILITY	CATEGORY	FINDINGS
1017033-007 - WELL #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 air release valve on the discharge piping was not screened which could allow the entrance of insects into the discharge piping. A screen shall be added to the air release valve.
FACILITY	CATEGORY	FINDINGS
1017033-003 - WELL #8	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 wiring was not incased in a conduit, which could provide a pathway for contamination into the well casing if the wiring is damaged. A protective conduit shall be added to protect the integrity of the well casing.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GST #1	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 terminated at the top of the ground storage tank. The overflow shall be brought down to an elevation between 12 and 24 inches above the ground and a splash pad shall be installed for the overflow.
FACILITY	CATEGORY	FINDINGS
1017048-001 - LOUANN FARMS WELL (DOUBLE D DR)	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 flow meter installed on the well at the time of the inspection. A flow meter shall be installed.
FACILITY	CATEGORY	FINDINGS
1017033-003 - WELL #8	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 flow meter installed on the well at the time of the inspection. A flow meter shall be installed.
FACILITY	CATEGORY	FINDINGS
1017033-007 - WELL #9	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 or flow meter installed on the well at the time of the inspection. A pressure gauge and a flow meter shall be 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.

Written Response Required

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 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: **7018 1830 0000 9275 1857**

May 6, 2019

Ronnie Festervan
VIVIAN WATER SYSTEM
P.O. Box 832
Vivian, LA 71082

Re: Class I Sanitary Survey
VIVIAN WATER SYSTEM Public Water System
PWS ID LA1017037
CADDO Parish

Dear Mayor Festervan:

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 VIVIAN 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
Kevin Hartzo	Vivian 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

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The injector pump for the liquid alum was not secured and was resting on a cinder block outside. The injector pump must be secured to prevent equipment failure and continuous dosing. (Refer to Figure 1) In the pipe gallery room, the injector pump for the caustic was not secured and was resting on the chemical container. The injector pump must be secured to prevent equipment failure and ensure continuous and proper dosing of chemical. (Refer to Figure 2) The injector pump for the ammonia was not secured and was resting on a cinder block. The injector pump must be secured to prevent equipment failure and ensure continuous and proper dosing of chemical.
FACILITY	CATEGORY	FINDINGS
CW001 - CLEARWELL AT PLANT	Finished Water Storage	The screen on the clear well vent had a hole/gap in the screening. The screen must be repaired to prevent the entrance of birds, insects, dust or other contaminating material. The hatch on the clear well did not close with a proper seal. The hatch must be sealed when closed to prevent the entrance of birds, insects, dust or other contaminating material.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - EST #1	Finished Water Storage	The overflow pipe was not screened. The overflow pipe must be screened with a 4 mesh non-corrodible screen and installed to provide protection at all times.
FACILITY	CATEGORY	FINDINGS
TP006 - SURFACE WATER TREATMENT PLANT	Treatment	There was no secondary containment provided for the caustic 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 caustic storage tanks with a sufficient containment volume. In the pipe gallery room, there was no secondary containment provided for the barrels of caustic 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 caustic storage tanks with a sufficient containment volume.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and

include all required documentation to support those actions. If additional time is required to correct 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	In the raw water pipe gallery room, the pump was leaking. The pumps must be repaired and serviced to prevent further leakage.
FACILITY	CATEGORY	FINDINGS
1017037-006 - INTAKE JAMES BAYOU CADDO LAKE	Source	The intake structure accommodates for one design depth. Raw water quality fluctuates during seasonal changes. It is recommended to add additional intakes at various depths within the lake to provide withdrawal of water from more than one level as quality varies with depth.
FACILITY	CATEGORY	FINDINGS
TP006 - SURFACE WATER TREATMENT PLANT	Treatment	In the chlorine room, chlorine cylinders were restrained with a single chain. It is recommended to chain each cylinder individually to prevent upset. (Refer to Figure 3)
FACILITY	CATEGORY	FINDINGS
TP006 - SURFACE WATER TREATMENT PLANT	Treatment	In the chlorine room, no weighing scales were provided. Weighing scales should be provided where chlorine gas is utilized.
FACILITY	CATEGORY	FINDINGS
CW001 - CLEARWELL AT PLANT	Finished Water Storage	The concrete top of the clear well was showing signs of degradation and ponding of water. It is recommended to analyze existing condition and treat with a protective coating to ensure structural reliability for the finished water. (Refer to Figure 4)
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	It is recommended to create and maintain an asset inventory for distribution related appurtenances such as valves, fire hydrants, flush valves, etc. in order to effectively maintain and operate the distribution system. GPS data and a system to maintain asset information on these features, such as a work order system, will minimize disruption for repairs, outages, and preventative maintenance.
FACILITY	CATEGORY	FINDINGS
Management	Security	Due to the remote location of the water treatment plant, the Town should consider additional options for providing security at the

		water treatment plant. An intruder alert system with remote monitored cameras may help protect against unauthorized entry to prevent trespassing, vandalism, and sabotage of the water system facilities, and to maintain a general awareness of activities on site when system personnel is not present.

Written Response Required

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 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 – Alum injector pump located outside.

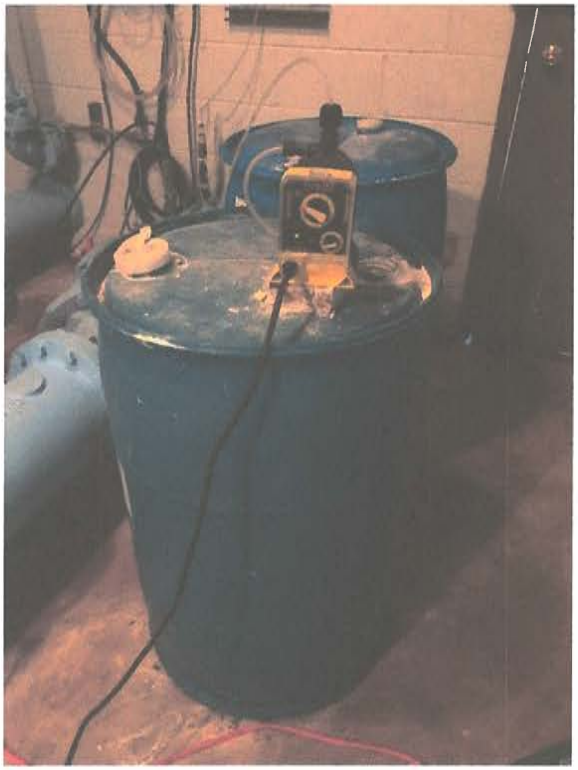


Figure 2 – Caustic injector pump located on chemical container.



Figure 3 – Chlorine cylinders restrained with single chain.



Figure 4 – Top of the concrete clear 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 0000 8554 2967

August 5, 2019

Jerry Taylor, Jr.
WILDWOOD SOUTH WATER SYSTEM
PO Box 7
Keithville, LA 71047

Re: Class I Sanitary Survey
WILDWOOD SOUTH WATER SYSTEM Public Water System
PWS ID LA1017042
CADDO 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 August 1, 2019 sanitary survey inspection of the public water supply system for WILDWOOD 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
Hannah Beatty	LDH-OPH Engineering Services
Patrick Henagan	Suburban Water Co

NOTICE OF VIOLATIONS

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

The following list 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	02/11/2019	Formal Enforcement	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: The Water System did not have a formal cross connection control program in place. The water system will construct a cross connection control ordinance and implement this throughout the 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.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/13/2017	03/21/2017	Formal Enforcement	Minor	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: A sturdy enclosure should be constructed around the double check valve assembly to protect from unauthorized personnel closing a valve.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/13/2017	03/21/2017	Formal Enforcement	Minor	System Management and Operation	Management
Comments: The test ports on the double check valve assembly at the point of entry should not be used as the Point of Entry (POE) sample tap. A separate, smooth-nozzle POE sample tap should be installed off of the main after the double check valve assembly.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	No Lead and Copper Rule results were present at the time of the survey. Complete daily records of the operation of a public water system, including reports of laboratory control tests and any chemical test results required for compliance determination, shall be kept and retained as prescribed in the national primary drinking water regulations on forms approved by the state health officer.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	No nitrification control plan has been developed. 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.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and

include all required documentation to support those actions. If additional time is required to correct 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: 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
4081043	03/25/2019	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 318-676-7485.

Respectfully,

Hannah Beatty, 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

Department of Health
Office of Public Health

CERTIFIED MAIL: 7018 1830 0000 9275 0973- Return Receipt Requested

December 9, 2019

Rupert Sepulvado
Deepwoods Utilities Inc.
3680 Royale Place
Keithville, LA 71047

Re: Class I Sanitary Survey
Deepwoods Utilities Inc.
PWS ID LA1017058
Caddo Parish

Dear Mr. Sepulvado:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the December 2, 2019 sanitary survey inspection of the public water supply system for Deepwoods 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
James Soileau III	LDH-OPH Region 7 Engineering Services
Rupert Sepulvado	Deepwoods 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
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Deepwoods Utilities, Inc. 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 system's 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 customer's 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 system's 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. 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.
FACILITY	CATEGORY	FINDINGS
GR001 - GST #1	Finished Water Storage	There was a hole in the top of the level gauge at the time of the inspection. The hole shall be sealed to prevent the entrance of insects or other contaminants into the storage tank.

FACILITY	CATEGORY	FINDINGS
1017058-002 - WELL #2	Source	There were holes in the back of the electrical box at the time of the inspection. The holes shall be filled to prevent a potential pathway for contamination into the well.

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
1017058-002 - WELL #2	Source	The pressure gauge on the well at the time of the inspection was dilapidated and shall 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.

Written Response Required

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
4074503	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 318-676-5422.

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

CERTIFIED MAIL: **7018 1830 0000 9275 2137**

November 4, 2019

Theresa Knight
WILDWOOD FOREST SUBDIVISION WATER SYSTEM
P.O. Box 296
Keithville, LA 71047

Re: Class I Sanitary Survey
WILDWOOD FOREST SUBDIVISION WATER SYSTEM Public Water System
PWS ID LA1017061
CADDO Parish

Dear Ms. Knight:

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 WILDWOOD FOREST 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
Autumn Permenter	LDH-OPH Engineering District 4
Keith Howard	Eagle Water, 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
Management	M&R and Data Verification	The system purchases water from Blanchard Water System as a primary source. The system is now a purchase water system which provides chloraminated water to customers. The water system does not have a Nitrification Control Plan (NCP) on file. All systems using continuous chloramination for disinfection are required to submit an NCP for approval. The NCP must meet the minimum monitoring criteria and industry standards as specified in the Disinfection Rule (LAC 51:XII.367.G-H). Please submit an NCP for approval.

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

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 1185

March 13, 2019

Janet Caldwell
FOUR FORKS WATER SYSTEM
8798 Springridge Drive
Keithville, LA 71047

Re: Class I Sanitary Survey
FOUR FORKS WATER SYSTEM Public Water System
PWS ID LA1017062
CADDO Parish

Dear Ms. Caldwell:

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 FOUR FORKS 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
Janet Caldwell	Four Forks Water System
Randy Moulton	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

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GST #1	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
TP001 - TREATMENT PLANT	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.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.
WELL NO. 2	Source	While the well construction has reached substantial completion but not full completion, several items need addressing by the system (by Contractor or other means): repair and lock the gate to the Well No. 2 site, fill in holes with dirt and grade site to drain away from the well head, complete coating on well discharge piping,

		complete construction of culvert at entrance of driveway to allow for continual access to well site. If not addressed, these items may become significant deficiencies in the future.

Written Response Required

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: 7018 1830 0001 0572 3185

August 30, 2019

Theresa Knight
Barron Ridge Subdivision Water System
P.O. Box 296
Keithville, LA 71047

Re: Class I Sanitary Survey
Barron Ridge Subdivision Water System Public Water System
PWS ID LA1017072
Caddo Parish

Dear Ms. Knight:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 21, 2019 sanitary survey inspection of the public water supply system for Barron Ridge 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
Andrea Payton	LDH-OPH Engineering Services
Keith Howard	Eagle Water, 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
Management	System Management and Operation	The electrical wiring for the pump on Well #2 is exposed. The electrical wiring should be protected from the weather to prevent damage to the motor and equipment failure (see Photo No. 1).



Photo No. 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: 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 9275 0959- Return Receipt Requested

December 3, 2019

Mr. Bill Wimmer
Shadow Lake MHP Water System
9814 Mustang Circle
Keithville, LA 71047

Re: Class I Sanitary Survey
Shadow Lake MHP Water System
PWS ID LA1017082
Caddo Parish

Dear Mr. Wimmer:

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 Shadow Lake 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
James Soileau III	LDH-OPH Region 7
Bill Wimmer	Shadow Lake 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.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The water system did not have a formal cross connection control program in place. The water system shall draft a cross connection control ordinance and implement said ordinance.
FACILITY	CATEGORY	FINDINGS
1017082-001 - WELL #1 (NORTH)	Source	The well cover had a gap ~~down~~ through the middle which could beprovide a pathway for contamination into the well. The gap shall be sealed (~~. S~~**see Attachment #1**).

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - MAIN PLANT SHADOW LAKE DRIVE	Treatment	The liquid chlorine tank was not labeled at the time of the inspection. A label shall be added to the chlorine 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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions 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
S1904450-001	Routine	7/2/2019		1.700	

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 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 (NORTH)

Category: Source

Attachment Comments: Gap in the middle of the cover 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:70181830000085543339

May 31, 2019

Vickie Atha
HUNTINGTON MOBILE HOME PARK WATER SYSTEM
6850 Klug Pines Rd #75
Shreveport, LA 71129

Re: Class I Sanitary Survey
HUNTINGTON MOBILE HOME PARK WATER SYSTEM Public Water System
PWS ID LA1017084
CADDO Parish

Dear Ms. Atha:

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 HUNTINGTON 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
Danny Mortimer	OPH Region VII Engineering
Dennis Daugherty	Keatchie Water System
Bibbit Pierce	Huntington 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	The system does not have a Cross Connection Control Policy. The system need to construct and implement a cross connection control plan.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The system needs to monitor the POE and MRT sites for Chlorine residual once every day and at the ACR site once a month.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Where a continuous chloramination method is used, a nitrification control plan shall be developed and submitted to 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.

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

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

CERTIFIED MAIL: 7019 0700 0001 4668 7547

October 25, 2019

Emily Jordan
GLEN LEAF MOBILE HOME COMMUNITY
7400 Glen Leaf Rd
Shreveport, LA 71129

Re: Class I Sanitary Survey
GLEN LEAF MOBILE HOME COMMUNITY Public Water System
PWS ID LA1017089
CADDO Parish

Dear Mrs. Jordan:

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 GLEN LEAF MOBILE HOME COMMUNITY (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Perry Fuller	Cws

NOTICE OF VIOLATIONS

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

The following list 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
04/12/2017	04/12/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: Where a continuous chloramination method is used, a nitrification control plan shall be developed and submitted to the state health officer.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The system needs to create and maintain a complaint log.

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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1905613-003	Repeat	8/14/2019		0.000	1.700
S1905523-001	Routine	8/12/2019		0.000	1.470
S1904152-001	Routine	6/18/2019		0.000	2.300

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 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

CERTIFIED MAIL:7019 0700 0001 4668 7530

October 25, 2019

Debbie Sanders
BRADY MOBILE HOME PARK
1925 Alfred Ln
Bossier, LA 71112

Re: Class I Sanitary Survey
BRADY MOBILE HOME PARK Public Water System
PWS ID LA1017090
CADDO Parish

Dear Ms. Sanders:

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 BRADY 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
Danny Mortimer	OPH Region VII Engineering
Debbie Sanders	Brady 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
04/12/2017	04/12/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: Where a continuous chloramination method is used, a nitrification control plan shall be developed and submitted to the state health officer.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The system needs to adopt and maintain a cross connection control plan.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The system needs to adopt and maintain a Nitrification control plan

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

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

CERTIFIED MAIL:70181830000085543349

May 31, 2019

Ken Turner
STONEGATE MANUFACTURED HOME COMMUNITY
6700 Jefferson Paige Road
Shreveport, LA 71119

Re: Class I Sanitary Survey
STONEGATE MANUFACTURED HOME COMMUNITY Public Water System
PWS ID LA1017091
CADDO 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 May 31, 2019 sanitary survey inspection of the public water supply system for STONEGATE MANUFACTURED HOME COMMUNITY (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Dennis Daugherty	Contractor
Ken Turner	Nationwide Communities

NOTICE OF VIOLATIONS

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

The following list 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
01/04/2017	04/10/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: Where a continuous chloramination method is used, a nitrification control plan shall be developed and submitted to the state health officer.					

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

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: 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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1903421-001	Routine	5/22/2019		1.900	1.900

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 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

CERTIFIED MAIL:70181830000085543353

May 31, 2019

Ken Turner
PINECREST MOBILE HOME VILLAGE
6700 Jefferson Paige Road
Shreveport, LA 71119

Re: Class I Sanitary Survey
PINECREST MOBILE HOME VILLAGE Public Water System
PWS ID LA1017092
CADDO 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 May 31, 2019 sanitary survey inspection of the public water supply system for PINECREST 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
Danny Mortimer	OPH Region VII Engineering
Dennis Daugherty	Contractor
Ken Turner	Nationwide Communities
Mandy Webb	Pinecrest Mhv/ Stonegate Mhc

NOTICE OF VIOLATIONS

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

The following list 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
01/04/2017	04/12/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: Where a continuous chloramination method is used, a nitrification control plan shall be developed and submitted to the state health officer.					

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

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: 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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1805317-001	Routine	9/12/2018		1.900	1.900

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 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

CERTIFIED MAIL: **7012 1010 0000 1527 9826**

September 27, 2019

James Moran
KEITHVILLE ELEMENTARY AND MIDDLE SCHOOL
7300 Bert Kouns Loop
Shreveport, LA 71129

Re: Class I Sanitary Survey
KEITHVILLE ELEMENTARY AND MIDDLE SCHOOL Public Water System
PWS ID LA2017018
CADDO Parish

Dear Mr. Moran:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 13, 2019 sanitary survey inspection of the public water supply system for KEITHVILLE ELEMENTARY AND MIDDLE 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
Tiffany Roberson	LDH Engineering Region 7
Joe Etheredge	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	Please make necessary adjustments to the security fence to prevent unauthorized access to the facility and submit photographic documentation of completed modifications. **See Attachment #2**

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. **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

Violation Number	Violation Date	Violation Type	Compliance Period
7003013	09/10/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	09/01/2019 - 09/30/2019

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 318-676-7867.

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: Minor

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: If your POE sample tap is located directly on a storage tank (ground or hydropneumatic), the monitoring point will have to be moved to a location downstream of the tank. The POE must be installed after all treatment (chemical addition) and storage facilities, prior to the distribution system and the first customer. A Lead-free* smooth nozzle type tap must be provided at each POE to the distribution system.



Attachment #2

Severity: Significant

Category: Security

Attachment Comments: There is a space below portions of the barbed wire on the security fence surrounding the water system facilities. Please repair the barbed wire to prevent unauthorized access to the facility and submit photographic documentation of completed modifications.

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"

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 9176**

October 18, 2019

Dane Caskey
THUNDER ROAD RACEWAY PARK
12351 Rust Lane
Keithville, LA 71047

Re: Class I Sanitary Survey
THUNDER ROAD RACEWAY PARK Public Water System
PWS ID LA2017022
CADDO Parish

Dear Mr. Caskey:

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 THUNDER ROAD RACEWAY 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
Floyd Smith	LDH District 4 Engineering
Cecil (Shon) Littlejohn	Thunder Road
Autumn Permenter	LDH-OPH Engineering District 4

NOTICE OF VIOLATIONS

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

The following list 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 - MAIN PLANT	Treatment	TSS 5.1.1.c - Spare parts shall be available for all feeders to replace parts which are subject to wear and damage. Repair/replace leaking chlorine injection line.

Written Response Required

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: **7012 1010 0000 1527 9918**

December 9, 2019

Tariq Akber
CRAWDADDYS TRUCK STOP WATER SYSTEM
12298 Mansfield Rd
Keithville, La 71047

Re: Class I Sanitary Survey
CRAWDADDYS TRUCK STOP WATER SYSTEM Public Water System
PWS ID LA2017027
CADDO Parish

Dear Akber:

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 CRAWDADDYS TRUCK STOP 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
Randy Moulton	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
TP001 - TREATMENT PLANT	Treatment	Sodium Hypochlorite container in well shed was not labeled. The Sodium Hypochlorite container shall be labeled.
FACILITY	CATEGORY	FINDINGS
2017027-001 - 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. The MRT tap is not of the smooth nozzle type. 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
Management	M&R and Data Verification	(New owner took over in May and previous owner did not leave the new owner a copy of all the records. Operator had some of the chlorine residual reports, but not all.) 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	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. (New owner took over water system and was not given all of paperwork by previous owner.)

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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: 7018 1830 000 4149 2992

September 16, 2019

Wally Johnson
BRIGAS ESTATES WATER SYSTEM
P.O. Box 6161
Lake Charles, LA 70606

Re: Class I Sanitary Survey
BRIGAS ESTATES WATER SYSTEM Public Water System
PWS ID LA1019001
CALCASIEU 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 September 9, 2019 sanitary survey inspection of the public water supply system for BRIGAS ESTATES 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
Solomon Angwafo	OPH-Region V Engineering
Reggie Babineaux	OPH-Region V Engineering
Russell Koonce	D & W Drilling 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	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
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The flush assembly on the dead end water main on Dove Lane discharges into the drainage ditch without the benefit of an air gap. The current placement of the flush nozzle allows for direct contact of the flush assembly with the water of unknown quality in the ditch. There shall be no connection or arrangement by which unsafe water may enter a public water supply system. Please oriented the flush assembly to discharge with an air gap and maintain such gap when water levels in the ditch change. ***(Please see Attachment A.3)***

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 5 office a copy of the next three (3) months of properly recorded, chlorine residual forms.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	There are currently two (2) unapproved taps within the distribution system used for bacteriological monitoring (TCR-007 at 6044 Nobie Lane and TCR-008 at 5920 Bennie Lane). Sample taps used for collecting bacteriological or chemical samples must be of the smooth nosed type and installed to have a downturned orientation. In addition, sampling stations must be installed to support monitoring only without any undue influences. Please replace the threaded taps and eliminate the double-sided connections for TCR-007 and TCR-008 with approved smooth nozzle type sample taps to decrease the possibility of submitting samples that test positive for coliform, which would result in a violation and public notification by the water system. ***(Please see Attachments A.2 and A.4)***
FACILITY	CATEGORY	FINDINGS
TP001 - TP FOR WELL #1, #2	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. ***(Please see Attachment A.5)***
FACILITY	CATEGORY	FINDINGS
1019001-002 - WELL #2 - SOUTH	Source	The well is equipped with a casing vent that does not meet the applicable standard. 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. ***(Please see Attachment A.1)***
FACILITY	CATEGORY	FINDINGS
1019001-001 - WELL #1 - NORTH	Source	The well is not 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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to 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
5004139	07/30/2019	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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
Engineer Intern

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

Attachment A.1 **Casing vent piping needed to be 24" above floor & properly oriented**
Facility ID: Well #1 - South
Category: **Source**



Attachment A.2 **Sample tap on double hose bib connection**
Facility ID: TCR-008 – 5920 Bennie Lane
Category: **Distribution System**



Attachment A.3 **Flush valve discharging without proper air gap**
Facility ID: Distribution System
Category: **Distribution**



Attachment A.4 **Sample point on plumbing, doubling sided hose bib and threaded tap**
Facility ID: **TCR-007 – 6044 Nobie Lane**
Category: **Distribution**



Attachment A.5 **Chemical Pump level below highest chemical level in container**
Facility ID: TP001 – Treatment plant for wells 1 and 2
Category: **Treatment**



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 2893

July 11, 2019

Ian Booth
GARDEN HEIGHTS WATER SYSTEM
1320 E. Gauthier Road
Lake Charles, LA 70607

Re: Class I Sanitary Survey
GARDEN HEIGHTS WATER SYSTEM Public Water System
PWS ID LA1019018
CALCASIEU Parish

Dear Mr. Booth:

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 GARDEN HEIGHTS 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
Solomon Angwafo	OPH-Region V Engineering
Austin Booth	Booth 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

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 – 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

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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
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: 7018 1830 000 4149 2992

September 16, 2019

Wally Johnson
UTILITY SERVICE of LAKE CHARLES W S
P O Box 6161
Lake Charles, LA 70606

Re: Class I Sanitary Survey
UTILITY SERVICE of LAKE CHARLES W S Public Water System
PWS ID LA1019024
CALCASIEU 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 September 9, 2019 sanitary survey inspection of the public water supply system for UTILITY SERVICE of LAKE CHARLES 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
Solomon Angwafo	OPH-Region V Engineering
Reggie Babineaux	OPH-Region V Engineering
Russell Koonce	D & W Drilling 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
12/07/2017	12/07/2017	Sanitary Survey, Finished	Minor	Source	1019024-001-WELL #1 - WEST
Comments: Pressure gauges are installed on the discharge piping upstream of check valves as a means to measure actual operating head conditions. The pressure gauge is currently installed downstream of the check valve. Install a pressure gauge on the wells discharge piping upstream of the check valve to detect any changes in operating conditions. The current pressure gauge may be relocated to the appropriate location.					

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.

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 5 office a copy of the next three (3) months of properly recorded, chlorine residual forms.

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the survey, it was noted that the water system did not have the required 5 suitable taps for sample collection. The water system must install an additional TCR tap within the distribution system. A location (TCR-007 at 6827 Meadow Ridge Lane)) was missing the required sample tap and another (TCR-003 at 6701 Sun Meadow Ridge) had a tap on double-sided hose bib connection of a homes. The MRT tap is also located on home plumbing. Taps on residences (plumbing) and double-sided connection of a hose bibs are not acceptable for sampling. Four (4) smooth nosed sample taps must be installed within the distribution system in locations that allow water to be drawn from the water distribution main. 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. Please contact LDH Region 5 Engineering for assistance. ***(Please see Attachments A.2 and A.3)***
FACILITY	CATEGORY	FINDINGS
TP001 - TP FOR WELL #1, #2	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. ***(Please see Attachment A.1)***
FACILITY	CATEGORY	FINDINGS
1019024-002 - WELL #2 - EAST	Source	1) Pressure gauges are installed on the discharge piping upstream of the check valves as a means to measure actual operating head conditions of the wells. A pressure gauge is currently installed downstream of the well's check valve. Please install a pressure gauge on the well's discharge piping upstream of the check valve to detect any changes in operating conditions. ***(Attachment A.4)*** 2) The well is not 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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to 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 FOR WELL #1, #2	Treatment	The Point of Entry, POE sample tap is not properly oriented to facilitate sample collection for bacteriological and chemical analysis. The smooth nosed tap must be raised such that, the area under and around the tap can accommodate sample containers 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 POE sample tap. ***(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 – 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

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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
Engineer Intern

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

Attachment A.1 **Chemical Pump level below highest chemical level in container**
Facility ID: TP001 – Treatment plant for wells 1 and 2
Category: **Treatment**



Attachment A.2 **TCR-003 on home plumbing and double sided connection of hose bib**
Facility ID: Distribution System
Category: **Distribution**



Attachment A.3 **MRT Tap on home Plumbing**
Facility ID: Distribution System
Category: **Distribution**



Attachment A.4 **Well is missing a flow meter & pressure gauge**
Facility ID: Well 2 – East Well
Category: **Source**



Attachment A.5 **POE-001 – Sample tap should be raised 12 inch above floor**
Facility ID: Distribution System
Category: **Distribution**



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 6072

May 28, 2019

Cindy Bruchhaus
JESSE DUB JAMES T P WATER SYSTEM
2141 Country Club Rd
Lot 131 – Office
Lake Charles, LA 70605

Re: Class I Sanitary Survey
JESSE DUB JAMES T P WATER SYSTEM
PWS ID LA1019028
CALCASIEU Parish

Dear Ms. Bruchhaus:

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 JESSE DUB JAMES T P 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
Cindy Bruchhaus	Jesse James Mobile Home Park
Jesse James	Jesse James 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).

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

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The North well near the Office has a large break on the well casing pipe. The large break is covered by black tape that has started to degrade. The large void spaces provide for a potential source of contamination. Appropriate repairs must be made to eliminate the potential source of contamination. **(See Attachment A.1.)**
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
1019028-001 - WELL #1 - NORTH	Source	The well is equipped with a smooth nosed sampling tap that has a leak. The well must be equipped with a working leak-free smooth nosed sampling tap to facilitate the collection of water samples. Repair or replace the sampling tap for the well.
FACILITY	CATEGORY	FINDINGS
1019028-003 - WELL #3 - SOUTH	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 Attachment A.2.)**
FACILITY	CATEGORY	FINDINGS
1019028-001 - WELL #1 - NORTH	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 Attachment A.1.)**

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The TCR tap at Lot 11 is a double-sided connection of a hose bib. 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. Configure the sampling station to support monitoring only without any undue influences. **(See Attachment A.3.)**
FACILITY	CATEGORY	FINDINGS
1019028-003 - WELL #3 - SOUTH	Source	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 pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions. **(See Attachment A.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.

Chlorine Residual Readings:

All chlorine readings must be recorded as displayed on your colorimeter. The values are not to be rounded. If the reading flashes "2.2", then you must switch the device to the high range setting and follow the guidelines to retest the chlorine residual. When the device flashes in this way, it is a signal that the chlorine residual is higher than 2.2 ppm. An accurate recording is needed since there is a Maximum Disinfection Residual Limit, with is an excess of 4.0 ppm by taking an average of all recorded chlorine residuals over an annual period.

Written Response Required

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. **Source of Contamination**
Facility ID: **Management & 1019028-003 - WELL #1 - NORTH**
Category: **Other & Source**



Attachment A.2. **Source of Contamination**
Facility ID: **1019028-003 - WELL #3 - SOUTH**
Category: **Source**



Attachment A.3. **TCR, Undue Influence**
Facility ID: **DS0950 - DISTRIBUTION SYSTEM**
Category: **Distribution System**



Attachment A.4. **Pressure Gauge for Well**
Facility ID: **1019028-003 - WELL #3 - SOUTH**
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 1830 0000 4149 2718

April 8, 2019

Nicholas Hunter
CITY of LAKE CHARLES WATER SYSTEM
P. O. Box 900
Lake Charles, LA 70602-0900

Re: Class I Sanitary Survey
CITY of LAKE CHARLES WATER SYSTEM Public Water System
PWS ID LA1019029
CALCASIEU Parish

Dear Mayor Hunter:

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 LAKE CHARLES 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
Solomon Angwafo	OPH-Region V Engineering
Brent Bouy	OPH Region IV Engineering
Dillan Crawford	OPH-Region IV Engineering
Steven R. Joubert	OPH-Region V Engineering
Charles J Guillory	City of Lake Charles
Russell Buckels	City of Lake Charles
Efron Simon	City of Lake Charles

NOTICE OF VIOLATIONS

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

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

The following list 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
06/15/2017	06/16/2017	Sanitary Survey, Finished	Minor	Treatment	TP001-TP FOR WELL G SERIES - GEORGE
Comments: There is not a receiving basin capable of receiving accidental spill or overflows in the area where potassium permanganate is feed. A floor drain near the potassium permanganate feed tank will not allow accidental discharges to be contained for proper clean up. A receiving basin capable of receiving accidental spill or overflows without uncontrolled discharges is needed.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/15/2017	06/16/2017	Sanitary Survey, Finished	Minor	Treatment	TP004 -TP FOR WELL C SERIES - CENTER E
Comments: There is not a receiving basin capable of receiving accidental spill or overflows in the area where potassium permanganate is feed. A floor drain near the potassium permanganate feed tank will not allow accidental discharges to be contained for proper clean up. A receiving basin capable of receiving accidental spill or overflows without uncontrolled discharges is needed.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/15/2017	06/16/2017	Sanitary Survey, Finished	Minor	Treatment	TP006 - TP FOR WELL SW SERIES
Comments: There is not a receiving basin capable of receiving accidental spill or overflows in the area where potassium permanganate is feed. A floor drain near the potassium permanganate feed tank will not allow accidental discharges to be contained for proper clean up. A receiving basin capable of receiving accidental spill or overflows without uncontrolled discharges is needed.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	During the survey, leaks were observed at the McNeese Water Plant piping. The raw water piping to the aerator and pressure filters were leaking and showing signs of heavy rusting in some areas of the treatment plant gallery. Water systems that provide potable water to customers must prevent leakages within system facilities by keeping facilities properly maintained at all times. It is imperative that these leaks and corrosion be addressed. ***(See Attachments A.1.a and A.1.b)***

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	1) Wells C1, C2, C3, CH1, CH2, M1, M2, M3, G8, G9, and G10 discharge piping have hose bibs installed that do not have an atmospheric vacuum breaker attached to their ends. An atmospheric vacuum breaker must be installed on the hose bib to protect against contamination. A hose having a control valve placed at the end and connected to the bib having the proper protection still voids this protection. A hose with or without a control valve, should always be removed and stored when not being used. ***(See Attachment A.2.)*** 2) Prelube drain lines for Wells C1, C2, and C3 have direct connections into drainage conduits without an air gaps. There must be an air gap between the prelube line discharge point and the drainage conduit opening to avoid any cross connection. ***(See Attachment A.3.)***
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	During the most recent sanitary survey, documentation showed an incomplete risk assessment of customers (only customers with 1 inch and above meter services have been reviewed), missing responses from customers that were notified, and evidence of enforcement action for lack of compliance with the Cross Connection Program. Per LAC 51:XII.344, water systems must adopt, implement, and enforce cross connection program measures that end in a disruption of service when compliance is not achieved (LAC 51:XII.344.D.4). To support compliance, the water system must: complete a risk assessment of the entire water system including all irrigation meters and customers with devices and demonstrated risk with services less than 1 inch (all existing devices regardless of size must be cataloged), increased compliance percentage of received testing results, testing results supporting devices owned by the City of Lake Charles must be provided, and evidence of enforcement actions taken on noncompliance customers.
FACILITY	CATEGORY	FINDINGS
1019029-007 - WELL CH2 (#2A)	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 A.4.)***
FACILITY	CATEGORY	FINDINGS
1019029-021 - WELL SW#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.5.)***

FACILITY	CATEGORY	FINDINGS
1019029-020 - WELL #13 WEST PLANT	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.6.)***
FACILITY	CATEGORY	FINDINGS
1019029-015 - WELL G#9-RR EAST	Source	The well's casing vent is not covered with the required 24 mesh, corrosion resistant screen. The well's casing vent must be covered by a 24 mesh, corrosion resistant screen. ***(See Attachment A.7.)***
FACILITY	CATEGORY	FINDINGS
1019029-003 - WELL C1 (S)	Source	The well's casing vent is not covered with the required 24 mesh, corrosion resistant screen. The well's casing vent must be replaced with a 24 mesh, corrosion resistant screen. ***(See Attachment A.8.)***

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The total number of active service connections for the water system along with the population has increased significantly. This growth calls for additional TCR sampling points and increased monitoring within the distribution system. The water system must therefore install additional TCR sampling points within the distribution system. Guidance on possible site locations is being sent via email. Repeat sites to these TCR Sites will also need to be set up. The monitoring plan will be returned for updates. Please consult with LDH Region 5 office about the locations of the proposed additional TCR sampling points.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED. CHENNAULT	Finished Water Storage	The overflow pipe for the elevated tower is not properly screened. The current screen is installed on the overflow pipe flapper. The overflow pipe must be screened with a four mesh non-corrodible, screen and securely installed to provide protection at all times. ***(See Attachment A.9.)***
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND - G.H. WEST PLNT-EAST	Finished Water Storage	The overflow pipe is not covered with screening of the appropriate size. The overflow pipe must be covered with a 24 mesh, non-corrodible screen, installed to provide sanitary protection at all times. ***(See Attachment A.10.)***
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND. G.H. WEST PLNT-WEST	Finished Water Storage	The screening on the ground storage overflow piping is damaged. The overflow pipe must be screened with a 24 mesh, non-corrodible screen. Please replace the damaged screen to provide sanitary protection at all times. ***(See Attachment A.11.)***

FACILITY	CATEGORY	FINDINGS
EL002 - ELEVATED. CENTER ST.	Finished Water Storage	The splash plate for the elevated tower overflow is ineffective 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 to facilitate the movement of water away from the tower's foundation is needed to prevent erosion around the tower foundation that can compromise the structural integrity of the tower. The drain inlet underneath the tower must be adjust to align with the final grade underneath the tank to facilitate the rapid removal of water. ***(See Attachment A.12.)***
FACILITY	CATEGORY	FINDINGS
TP005 - TP FOR WELL M SERIES - MCNEESE	Treatment	The aerator is not properly protected from contamination by birds, insects, wind borne debris, rainfall, and water draining off the exterior of the aerator. Aerators without the benefit of additional treatment downstream (such as lime softening and clarification) must be protected from birds, insects, wind borne debris, rainfall, and water draining off the exterior of the aerator. ***(See Attachment A.13.)***
FACILITY	CATEGORY	FINDINGS
1019029-002 - WELL #C2 (T)	Source	The well is equipped with a casing vent that does not meet the applicable standard. 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 A.14.)***
FACILITY	CATEGORY	FINDINGS
1019029-004 - WELL M2 (V)	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 A.15.)***

FACILITY	CATEGORY	FINDINGS
1019029-021 - WELL SW#1	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 A.16.)***
FACILITY	CATEGORY	FINDINGS
1019029-005 - WELL M1 (U)	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 A.17.)***
FACILITY	CATEGORY	FINDINGS
1019029-002 - WELL #C2 (T)	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 A.18.)***
FACILITY	CATEGORY	FINDINGS
1019029-002 - WELL #C2 (T) 1019029-003 - WELL C1 (S) 1019029-021 - WELL SW#1	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.

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The vertical turbine pump in between the detention tank and pressure filter at the Chennault Water Plant have exposed rotating shafts. The rotating shaft should be concealed behind guards or protective coverings to prevent injury. The pump shall have guards or protective coverings to prevent injury. ***(See Attachment A.19.)***
FACILITY	CATEGORY	FINDINGS
CH002 - CHENNAULT PLANT - RGWSL2	Treatment	A common header sample tap has not been installed. A smooth nosed sample tap should be installed at the appropriate location upstream of the detention tank. The tap should be of the smooth nozzle type oriented in a downturned direction, suitable for obtaining samples for bacteriological and chemical samples for analysis.
FACILITY	CATEGORY	FINDINGS
TP006 - TP FOR WELL SW SERIES - SOUTHWEST	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 in a suitable location on the water main leading to the distribution system passed the elevated tower. The new POE tap must be of the smooth nosed type designed for sampling only. 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. OPH Region 5 Engineering staff can be reached by phone @ 337-475-3232 to discuss appropriate locations for the new POE sample tap. ***(See Attachment A.20.)***

FACILITY	CATEGORY	FINDINGS
TP002 - TP FOR WELL CH SERIES - CHENNAULT	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 in a suitable location on the water main leading to the distribution system passed the elevated tower. The new POE tap must be of the smooth nosed type designed for sampling only. 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. OPH Region 5 Engineering staff can be reached by phone @ 337-475-3232 to discuss appropriate locations for the new POE sample tap. ***(See Attachment A.21.)***
FACILITY	CATEGORY	FINDINGS
TP001 - TP FOR WELL G SERIES - GEORGE	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 in a suitable location on the water main leading to the distribution system passed the elevated tower. The new POE tap must be of the smooth nosed type designed for sampling only. 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. OPH Region 5 Engineering staff can be reached by phone @ 337-475-3232 to discuss appropriate locations for the new POE sample tap. ***(See Attachment A.22.)***
FACILITY	CATEGORY	FINDINGS
TP005 - TP FOR WELL M SERIES - MCNEESE	Treatment	During the survey, it was noted that the metal components in the Aerator unit at the McNeese Water Plant were showing signs of deterioration. The weirs of this unit had some build up on the metal surfaces and rusting on them. The water system should give some thoughts and make plans and provisions to repair or replace the deteriorating components of this unit at the McNeese Water Plant. ***(See Attachment A.23.)***

Written Response Required

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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
08187114		9/27/2018		0.000	
08187115		9/27/2018		0.000	
08187112		9/26/2018		0.000	
08187113		9/26/2018		0.000	
08187104		9/25/2018		0.000	
08187105		9/25/2018		0.000	
08187106		9/25/2018		0.000	
0818710	Routine	9/24/2018		1.800	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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.

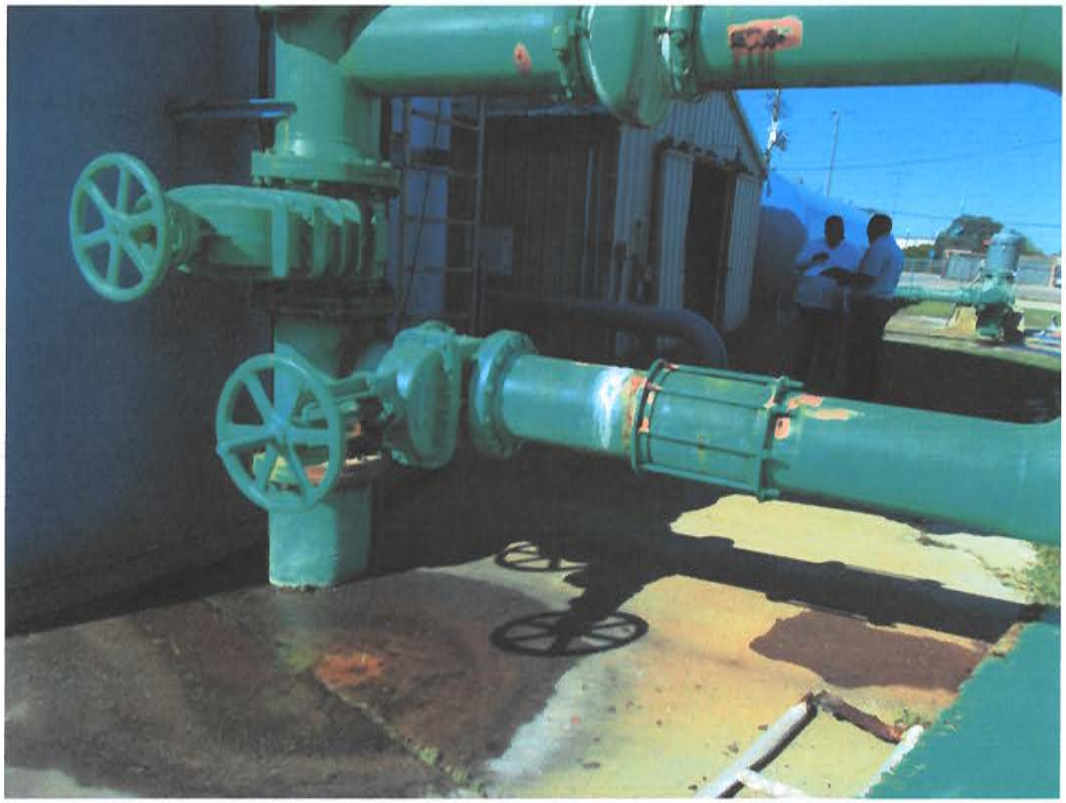
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
Engineer Intern

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

Attachment A.1.a **McNeese Water Plant – Corrosion and Leaks**
Facility ID: Treatment Plant
Category: **Treatment**



Attachment A.1.b **McNeese Water Plant – Corrosion and Leaks**
Facility ID: Treatment Plant
Category: **Treatment**

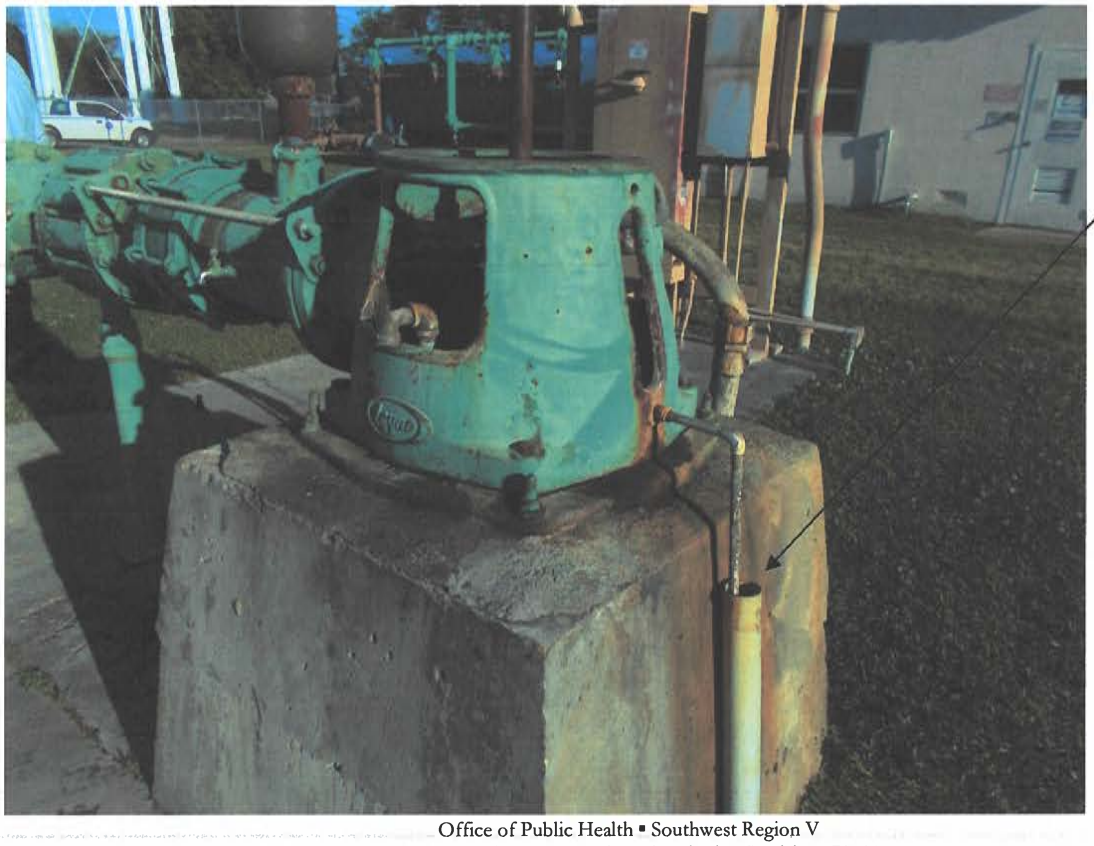


Attachment A.2. **Hose bib need atmospheric vacuum breaker**
Facility ID: Well C2 (and others)
Category: **Source**



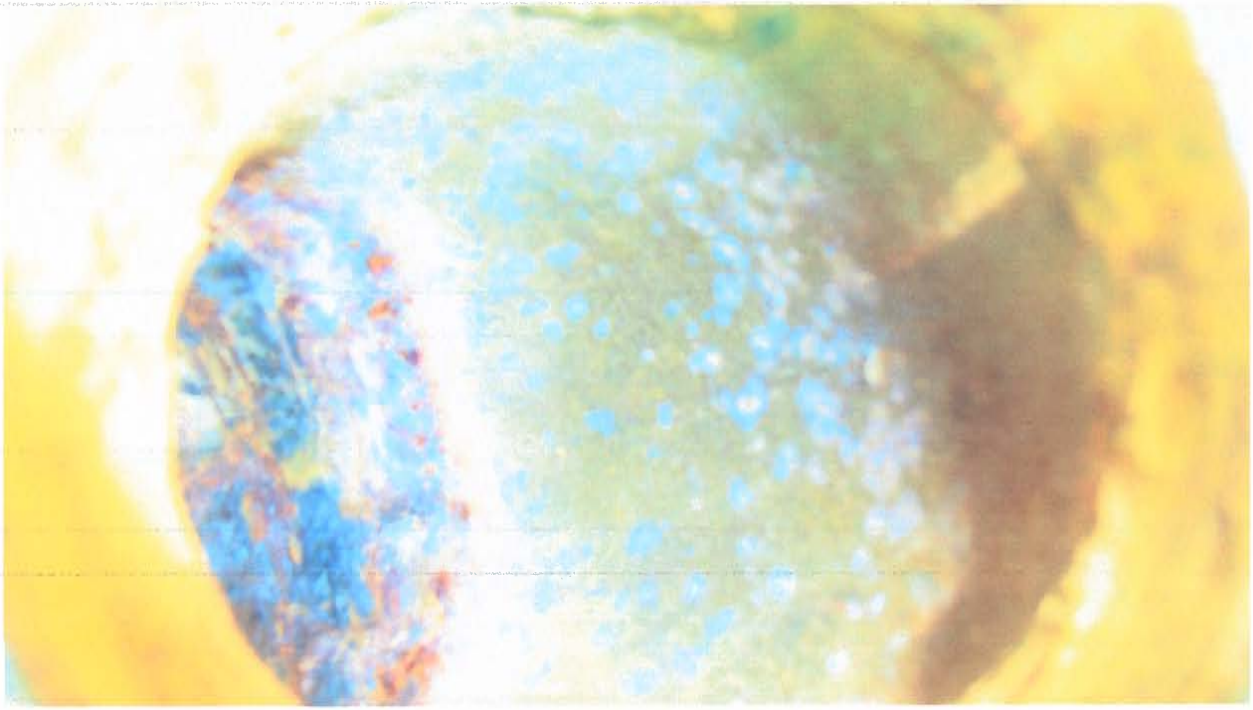
Hose bib is missing an atmospheric vacuum breaker

Attachment A.3. **Prelube Discharge – No Air Gap**
Facility ID: Well C3 (and others)
Category: **Source**



No Air Gap

Attachment A.4. **Well CH2 Casing Vent Unscreened**
Facility ID: Well CH2
Category: **Source**



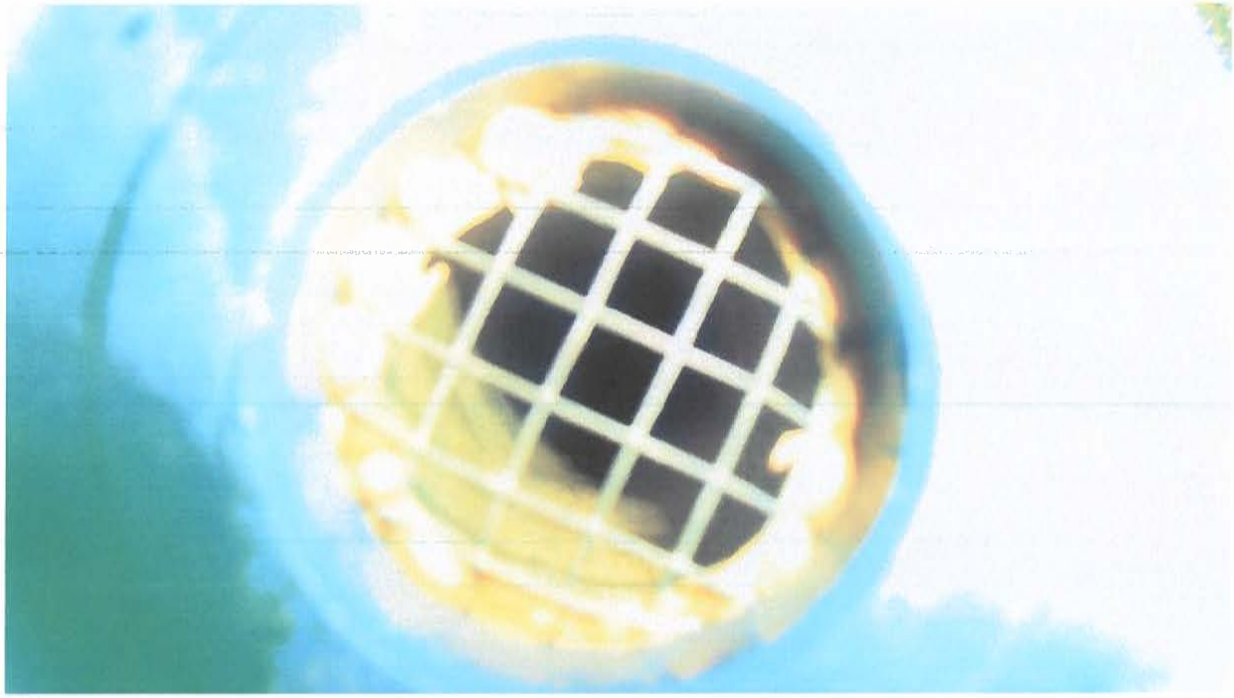
Attachment A.5. **Well SW1 Sample Tap with other point of use**
Facility ID: Well SW1
Category: **Source**



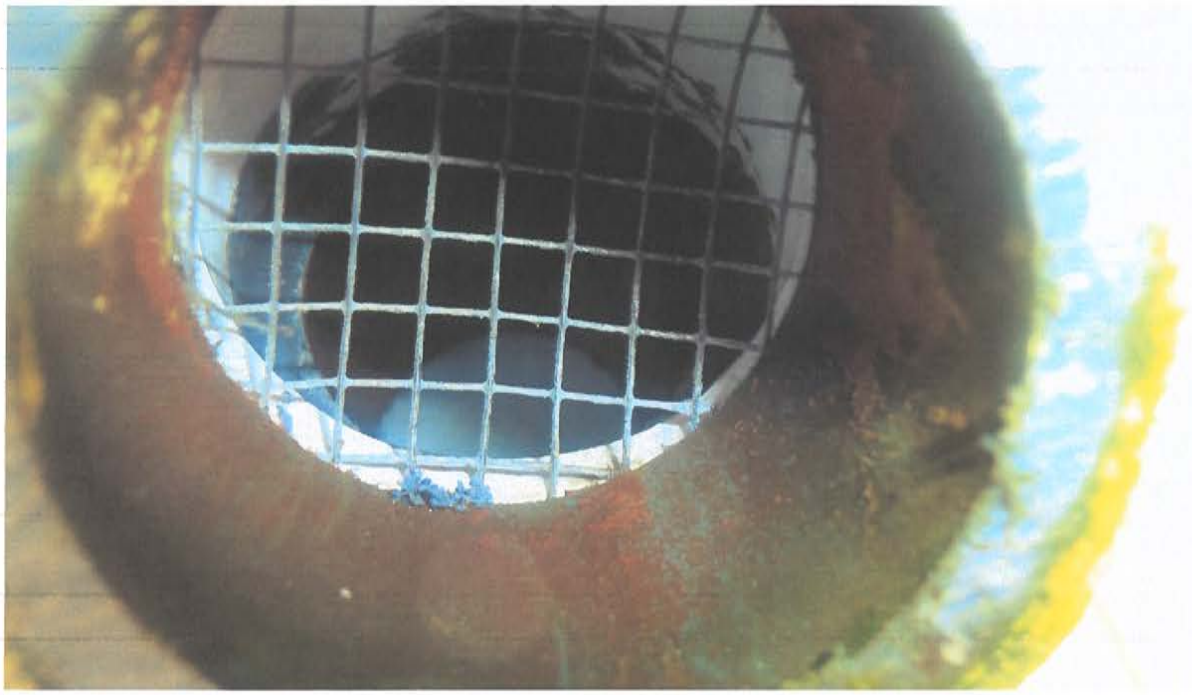
Attachment A.6. **Well G13 Sample Tap with other point of use**
Facility ID: Well G13
Category: **Source**



Attachment A.7. **Well G9 Casing vent mesh too coarse**
Facility ID: Well G#9
Category: **Source**



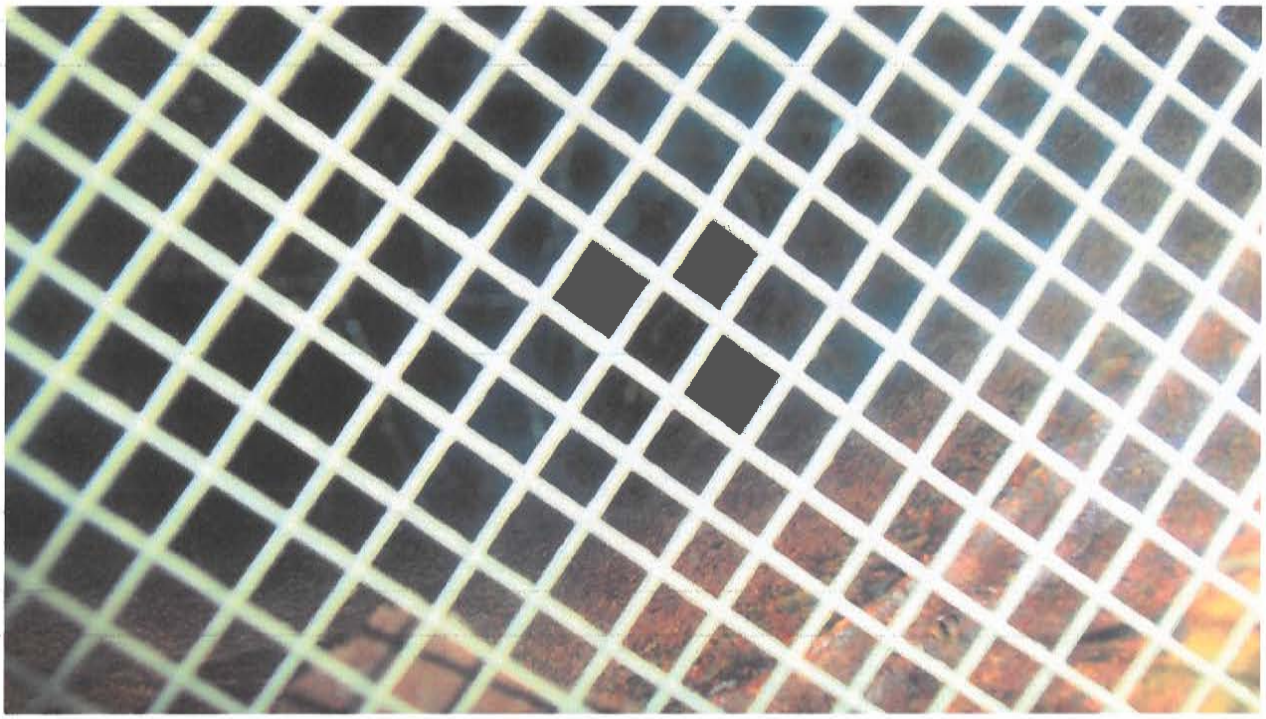
Attachment A.8. **Well C1 Casing vent mesh too coarse**
Facility ID: Well C1
Category: **Source**



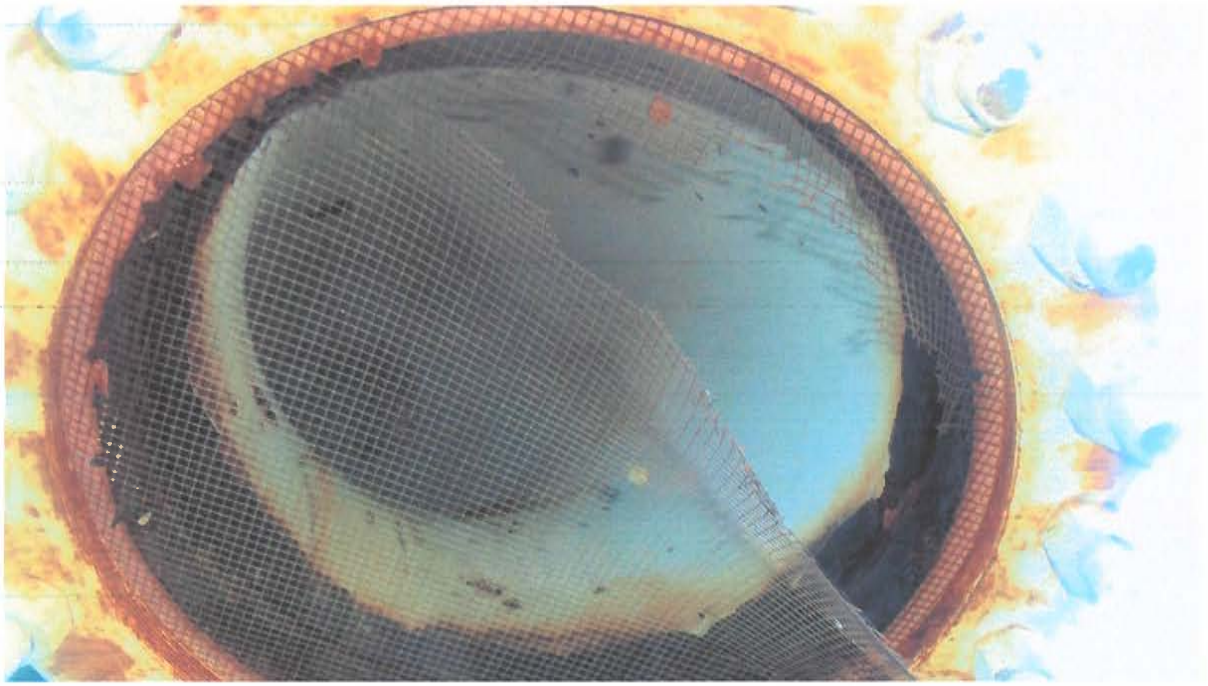
Attachment A.9. **EL001 - Overflow Pipe unscreened**
Facility ID: EL001
Category: **Storage**



Attachment A.10. **GR001 - Overflow Pipe Mesh too coarse**
Facility ID: GR001
Category: **Storage**



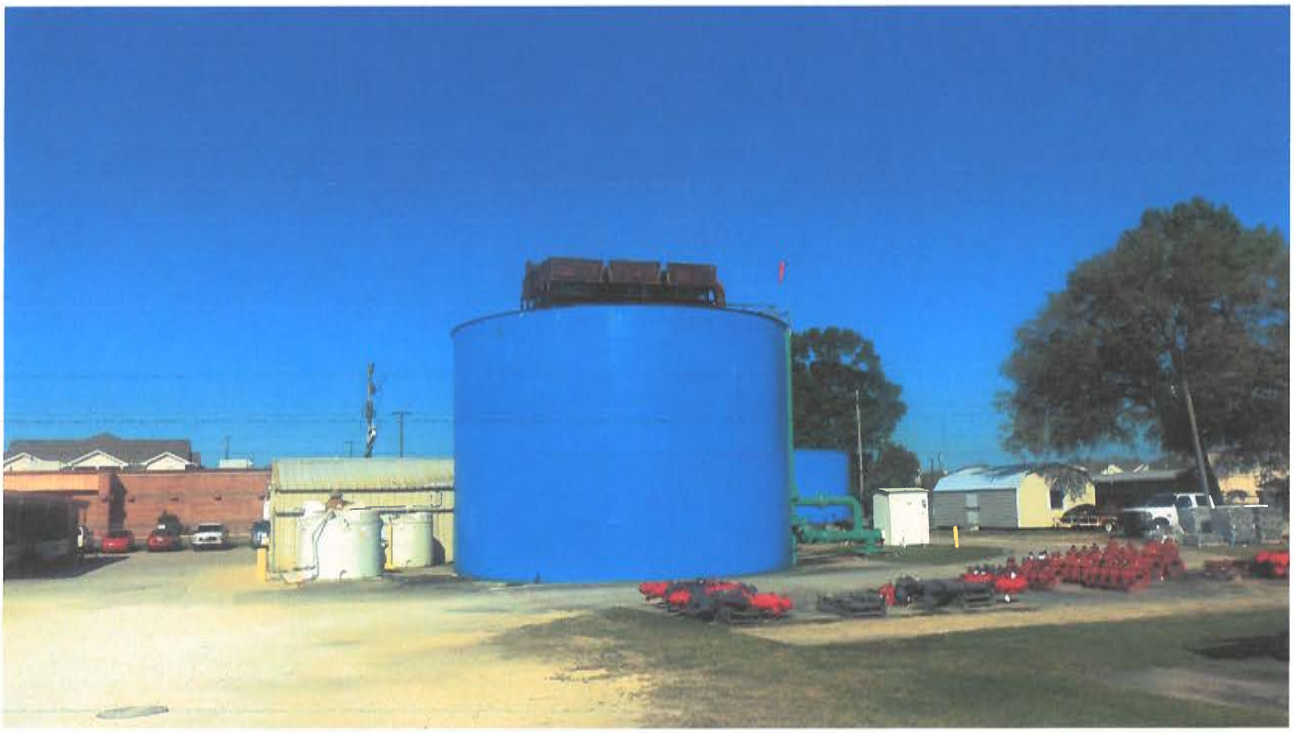
Attachment A.11. **GR002 - Overflow Pipe Screen Broken**
Facility ID: GR002
Category: **Storage**



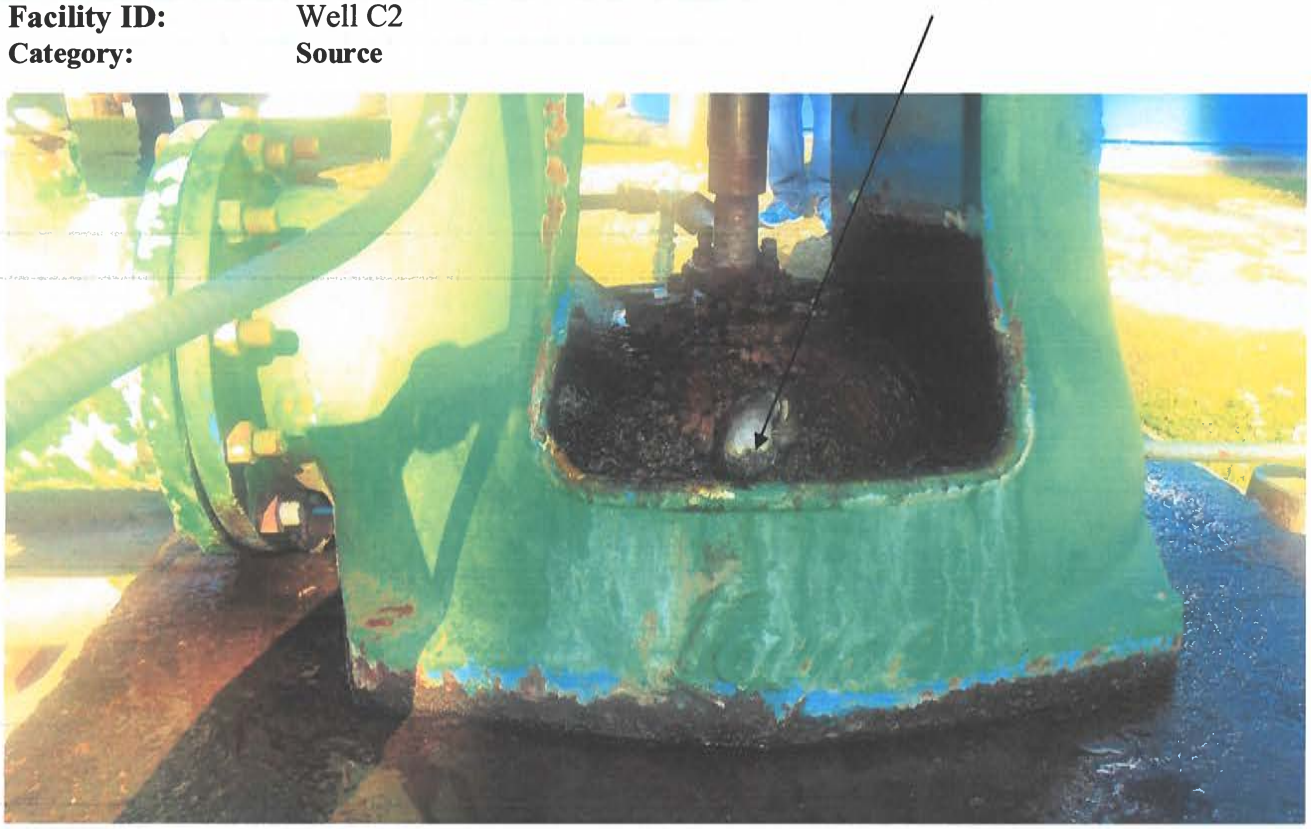
Attachment A.12. **EL002 - Overflow drain inlet ineffective & grading required**
Facility ID: EL002
Category: **Storage**



Attachment A.13. **Aeration Unit - Unprotected from environment**
Facility ID: **TP005** - TP for McNeese Water Plant
Category: **Treatment**



Attachment A.14. **Well Casing vent opening not of appropriate height from floor**
Facility ID: Well C2
Category: **Source**



Attachment A.15. **Well appurtenances showings signs of rust & corrosion**
Facility ID: Well M2
Category: **Source**



Attachment A.16. **Well appurtenances showings signs of rust & corrosion**
Facility ID: Well SW#1
Category: **Source**



Attachment A.17. **Well appurtenances showings signs of rust & corrosion**
Facility ID: Well M1
Category: **Source**



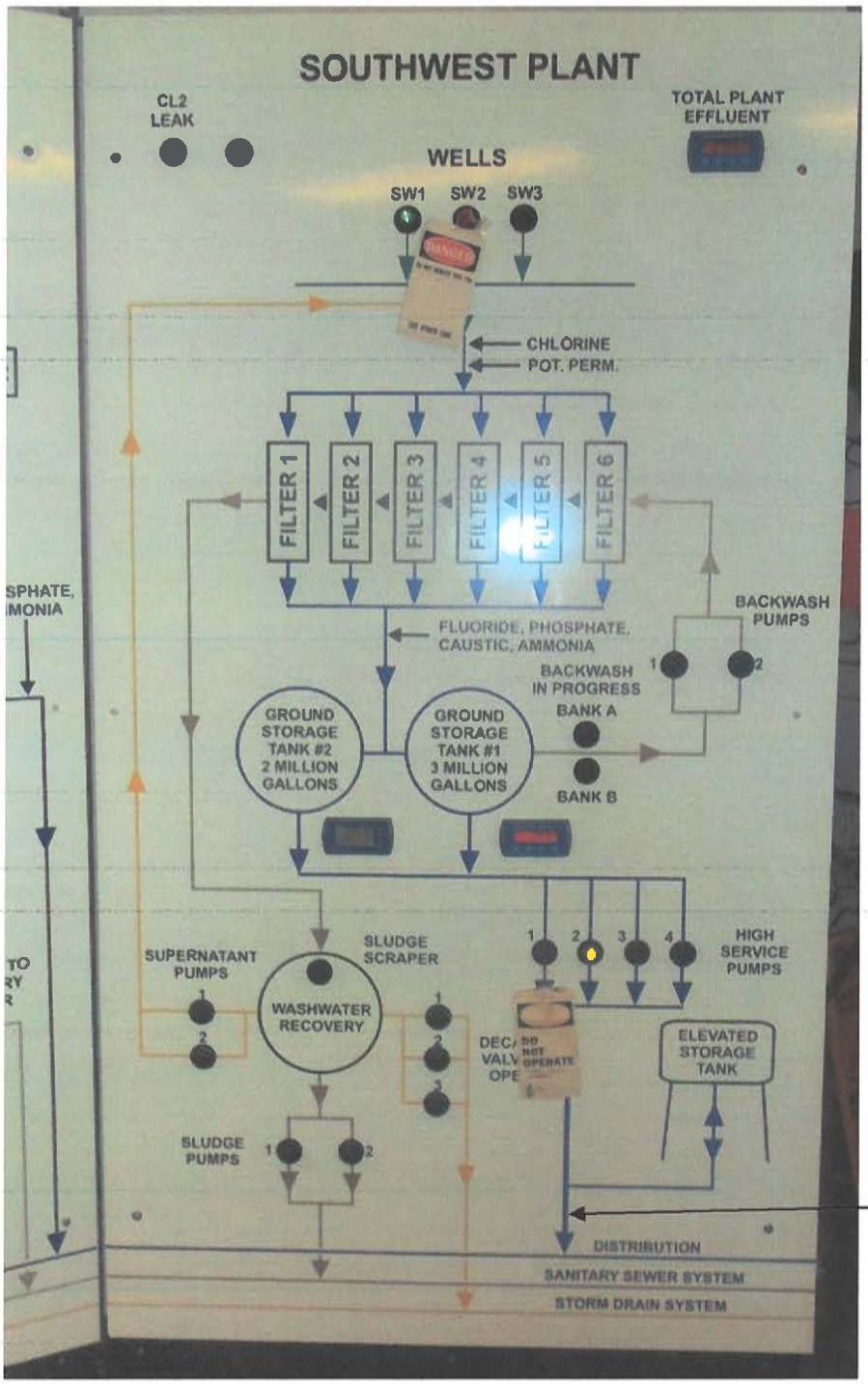
Attachment A.18. **Well appurtenances showings signs of rust & corrosion**
Facility ID: Well C2
Category: **Source**



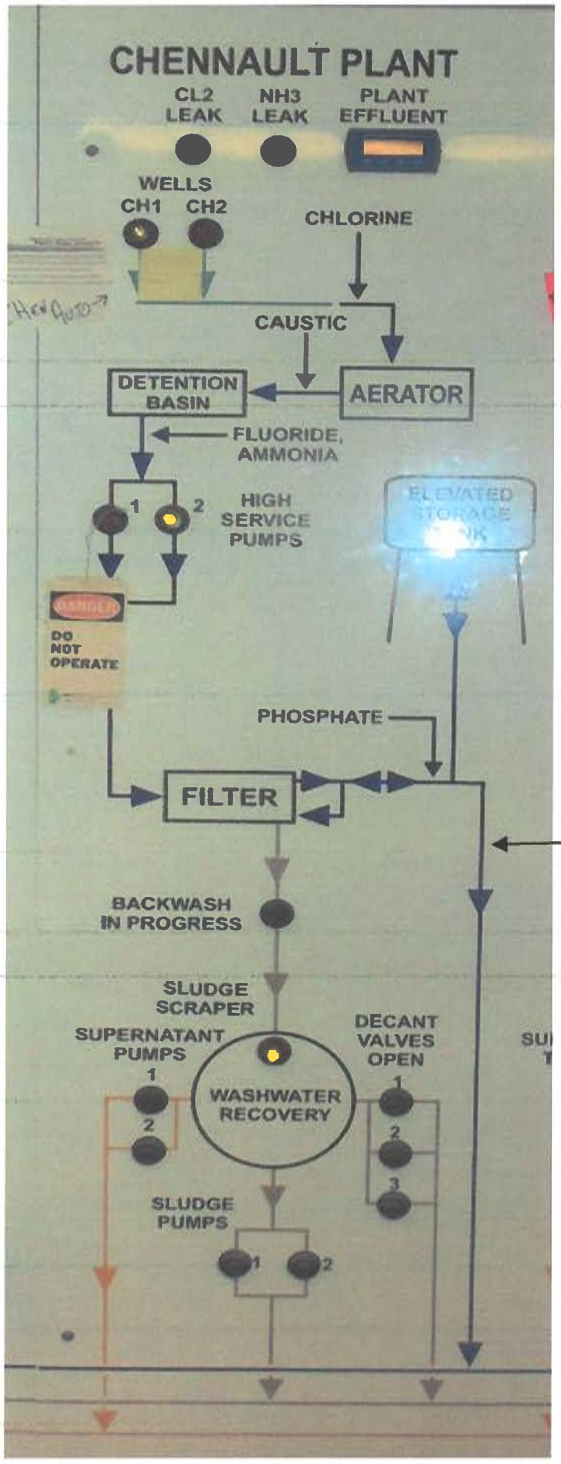
Attachment A.19. **Chennault Turbine Pump**
Facility ID: TP for Chennault Water Plant
Category: **Treatment**



Attachment A.20. **Southwest Treatment Plant – POE Tap Location**
Facility ID: TP for SW Water Plant
Category: **Treatment**

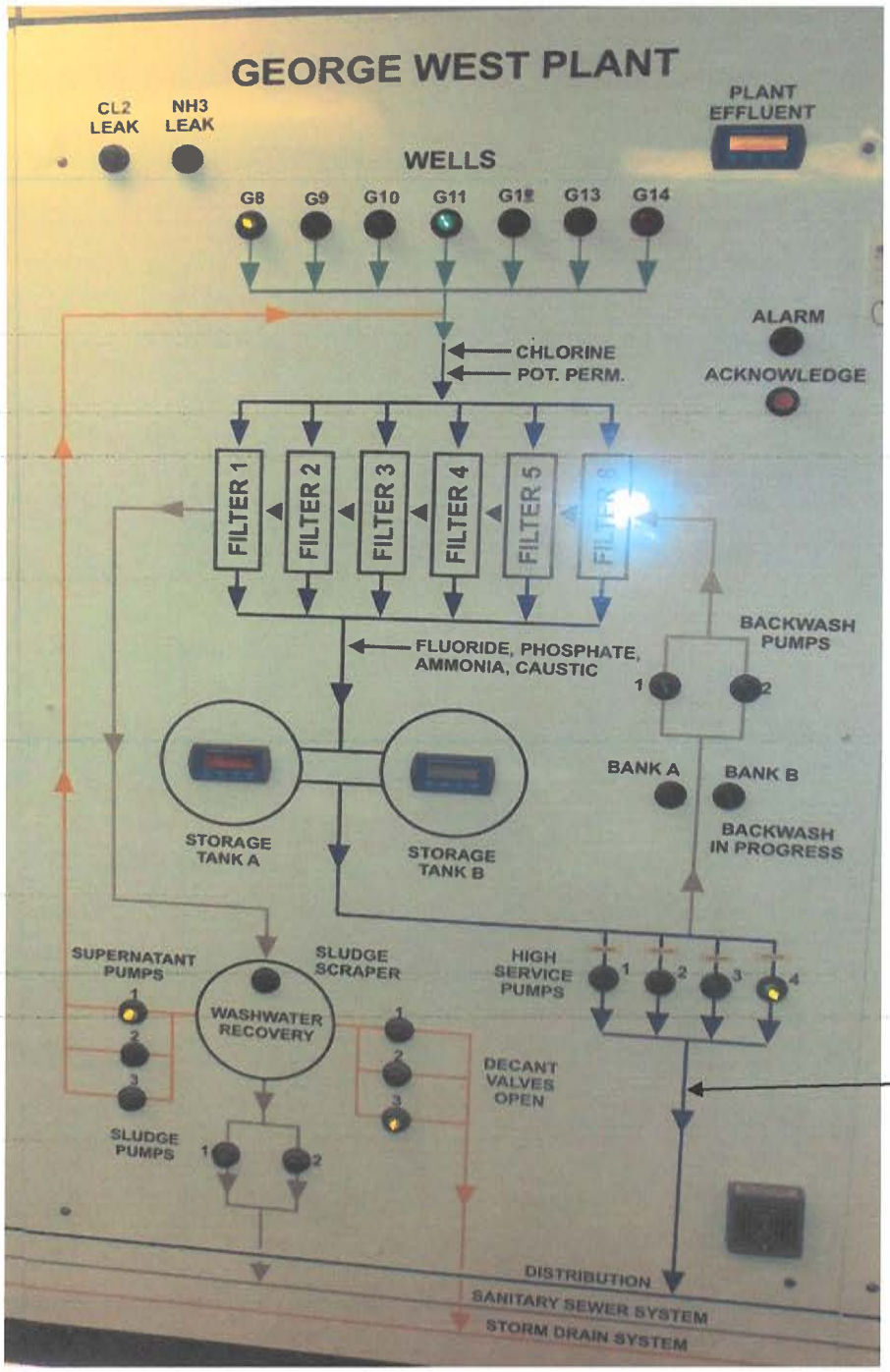


Attachment A.21. **Chennault Treatment Plant – POE Tap Location**
Facility ID: TP for Chennault Water Plant
Category: **Treatment**



Install POE Tap

Attachment A.22. **George West Treatment Plant – POE Tap Location**
Facility ID: TP for George West Water Plant
Category: **Treatment**



Install POE Tap

Attachment A.23. **Aeration Unit – corroded**
Facility ID: **TP005** - 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: 7018 1830 0000 4149 2862

July 11, 2019

Curt Burton
SOUTHTOWNER MOBILE ESTATES WATER SYSTEM
P. O. Box 4883
Lake Charles, LA 70606

Re: Class I Sanitary Survey
SOUTHTOWNER MOBILE ESTATES WATER SYSTEM Public Water System
PWS ID LA1019039
CALCASIEU Parish

Dear Mr. Burton:

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 SOUTHTOWNER MOBILE ESTATES 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
Solomon Angwafo	OPH-Region V Engineering
Austin Booth	Booth Environmental Services
Curt Burton	Southtowner Mobile 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

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 – 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
5004408	08/02/2018	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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
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: 7018 1830 0000 4149 2855

July 2, 2019

Mike Danahay
SULPHUR CITY of WATER SYSTEM
101 N. Huntington Street
Sulphur, LA 70663

Re: Class I Sanitary Survey
SULPHUR CITY of WATER SYSTEM Public Water System
PWS ID LA1019044
CALCASIEU Parish

Dear Mayor Danahay:

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 SULPHUR CITY of 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
Solomon Angwafo	OPH-Region V Engineering
Steven R. Joubert	OPH-Region V Engineering
Michael Daigle	City Of Sulphur Water System
Leroy Deville	City Of Sulphur Water System
Mark Cholley	City Of Sulphur 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	There is no customer listing with backflow prevention devices managed by the water system. Up-to-date test reports for customers with devices could not be confirmed. Documentation to support customer compliance could not be verified. The water system has not taken any action (including annual reminders to customers to test) to ensure customer compliance or against those that did not test their devices or submit test records to the water system. Per LAC 51:XII.344, water systems must adopt, implement, and enforce cross connection program measures that end in a disruption of service when compliance is not achieved (LAC 51:XII.344.D.4). In order to demonstrate compliance, the water system must maintain a current listing of applicable customers, with or without backflow prevention devices. The list must reflect backflow preventer type and the last date of inspection for each customer. All cross connection control devices must be tested annually by a certified tester. The water system and any other city office or official with knowledge of the program must work together to ensure that the cross connection program is implemented in its entirety. In addition, please provide this office with the latest Cross Connection Ordinance.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	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. 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).
FACILITY	CATEGORY	FINDINGS
GR003 - NORTH PLANT GST - WEST	Finished Water Storage	The roof hatch of the west Ground Storage tank was tilted at the time of the sanitary survey. The screening on the hatch was not effective. The water system must inspect the hatch area and its screening or make necessary repairs to ensure that the tank is protected against the entrance of birds, insects, dust or other contaminating material at all times.

FACILITY	CATEGORY	FINDINGS
1019044-006 - WELL #5 - WEST OF VERDINE PLANT	Source	The area around the well is excessively wet due to the well's leaking flush valve and the orientation of the prelube discharge point not in a drain or location that will direct discharges away from well. At the time of the survey, water was ponding around the well and this is a potential source of contamination. The leaking valve on the well's discharge piping must be addressed. The well's prelube line must be re-oriented to discharge away from the well foundations and slab. The area around the well must be well drained to facilitate the rapid removal of water within a 50 foot radius of the well and positive drainage away from the source. ***(See Attachment A.1.)***
FACILITY	CATEGORY	FINDINGS
Management	Other	There is a water main leak near EL001 - Maplewood/Driftwood Tower bypass piping. The leak has been documented by the water system and added to the maintenance list. The water system piping must be free of leaks to prevent possible contamination of the water system. ***(See Attachment A.2.)***
FACILITY	CATEGORY	FINDINGS
1019044-005 - WELL #3 - CARWASH	Source	The well has been physically disconnected and is currently inactive. The well was in the process of being abandoned at the time of the survey. 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
1019044-009 - WELL #11 - NORTH PLANT (E)	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 for negative influences and yield sampling results that may not be consistent with water quality. Configure the well's sampling tap to support sampling only without any undue influences. ***(See Attachment A.3.)***
FACILITY	CATEGORY	FINDINGS
1019044-001 - WELL #9 - NORTH PLANT (W)	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 for negative influences and yield sampling results that may not be consistent with water quality. Configure the well's sampling tap to support sampling only without any undue influences. ***(See Attachment A.4.)***

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Well #5, discharge piping have hose bibs installed that do not have atmospheric vacuum breakers attached to their ends. An atmospheric vacuum breaker must be installed on the hose bib to protect against contamination. Well 6, 9, 11, etc. had the proper protection with permanently attached host that needed to be disconnected when not in use. A hose having a control valve placed at the end and connected to the bib having the proper protection still voids this protection. A hose with or without a control valve, should always be removed and stored when not being used. ***(See Attachment A.5.)***
FACILITY	CATEGORY	FINDINGS
Management	Others Storage	The piping inside the altitude valve pit for the Shasta/Anita tower is severely corroded. The piping must be cleaned, treated and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. The water system must inspect the piping at this location to determine, if cleaning and painting is an effective solution. If pipe replacement is needed involving a different path or alignment, plans and specifications by a LA licensed engineer must be provided for LDH review and approval prior to construction. ***(See Attachment A.6.)***
FACILITY	CATEGORY	FINDINGS
Management	Other	Some of the Filter units and piping at the Verdine and North Water Plants are showing signs of severe corrosion. This units and associated pipes must be cleaned, treated, and painted to prevent further corrosion that could yield to structural failure. The water system has planned maintenance work at both water plants on filters, associated piping, and service pumps.

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Taps in the distribution system for Coliform Routine Compliance Monitoring are on customer residences (plumbing) and these taps are double-sided connection of a hose bibs. Per LAC 51:XII.903.B, the water systems must provide suitable taps, which draw water directly from the mains. 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 taps drawing water directly from the main decrease the chance of "bad samples" that can result in a coliform maximum contaminant level (MCL) violation that requires public notification by the public water system and an administrative enforcement action by EPA/LDH against the water system. The water system must provide suitable taps within the distribution system, which allow for sampling only without any undue influences. ***(See Attachment A.7.)***

FACILITY	CATEGORY	FINDINGS
EL002 – SHASTA /ANITA TOWER	Finished Water Storage	The elevated tower is equipped with a smooth nosed sampling tap installed on a double-sided connection of a hose bib or other point of use. Finished 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 storage tank sample tap to support sampling only without any undue influences. ***(See Attachment A.8.)***
FACILITY	CATEGORY	FINDINGS
EL001 – MAPLEWOOD /DRIFT WOOD TOWER	Finished Water Storage	The elevated tower overflow discharge distance exceeds the current splash plate. All water storage structures shall be provided with an overflow discharging over a drainage inlet structure or a splash plate. Modify the existing splash plate to cover all areas in proximity to the tower affected by overflow discharge to prevent erosion around the foundation of the tower that could comprise the structural integrity of the tower. ***(See Attachment A.9.)***
FACILITY	CATEGORY	FINDINGS
EL003 - BENOIT LANE TOWER	Finished Water Storage	The overflow pipe for the elevated tower is clogged with debris. Free the overflow and screen of the debris to facilitate proper discharge of overflow volume. Check the existing four mesh corrosion-resistant screen for integrity or weakness issues and repair to ensure protection is provided at all times. ***(See Attachment A.10.)***
FACILITY	CATEGORY	FINDINGS
1019044-007 – WELL #6 - EAST OF VERDINE PLANT 1019044-002 – WELL #10 - NORTH PLANT 1019044-006 – WELL #5 - WEST OF VERDINE PLANT	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 Attachments A.11a, 11b, 11c)***

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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 FOR WELL #S 9, 10, & 11 - NORTH PLANT TP002 - TP FOR WELL #S 5, 6, & 7 - VERDINE PLANT	Treatment	The point of entry (POE) sample tap must be relocated for proper sampling. The tap 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 and must be of the smooth nosed type suitable for obtaining samples for bacteriological and chemical analysis. The location for the new tap-in location would be immediately after the service pumps. 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. OPH Region 5 Engineering staff can be reached by phone @ 337-475-3232 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 – 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

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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
Engineer Intern

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

Attachment A.1 **WELL #5 – Leak at flush valve & drainage issues around well**
Facility ID: **1019044-006 Well #5**
Category: **Source**



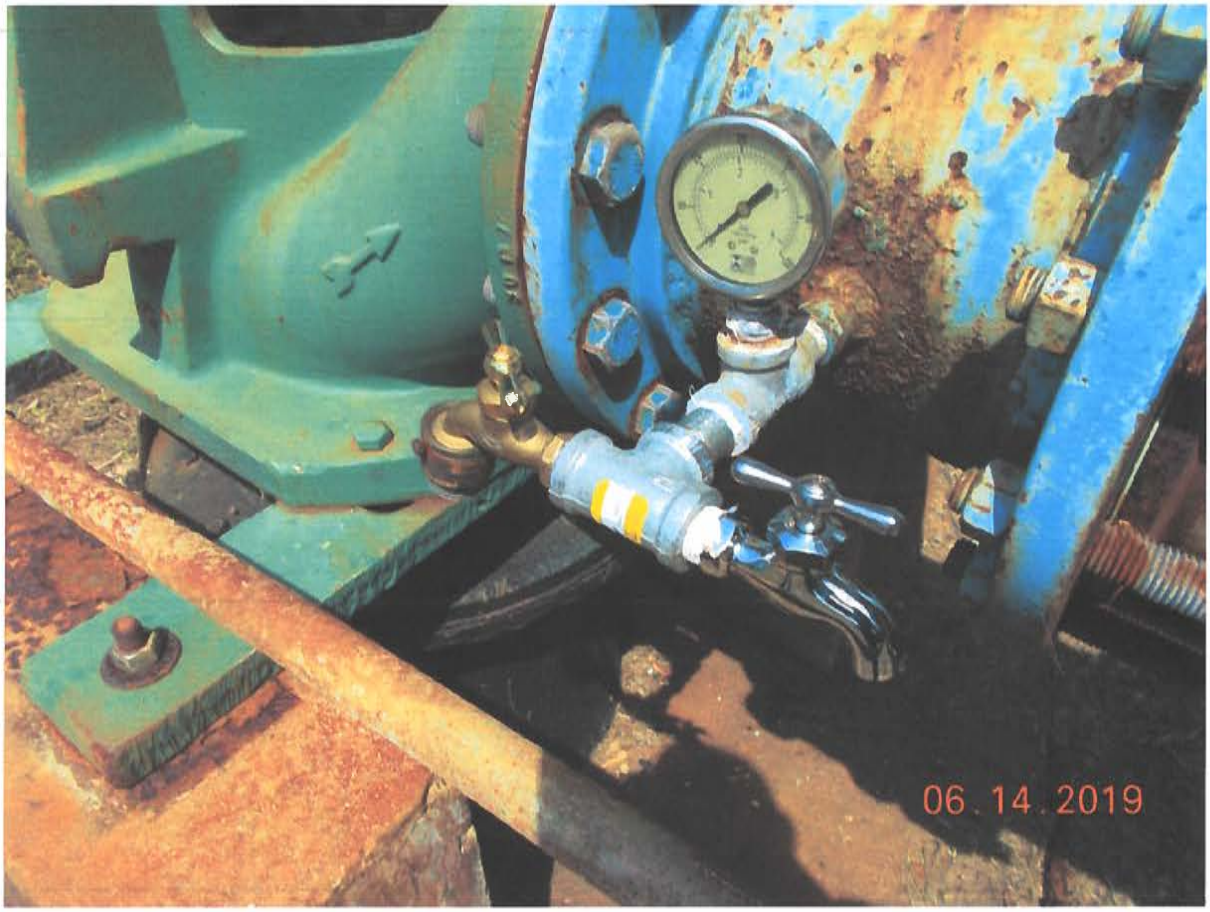
Attachment A.2. **Leak at bypass piping**
Facility ID: **EL001 - Maplewood/Driftwood**
Category: **Storage/Distribution**



Attachment A.3. **Well #11 – Sample tap with other point of use**
Facility ID: **1019044-009 - WELL #11**
Category: **Source**



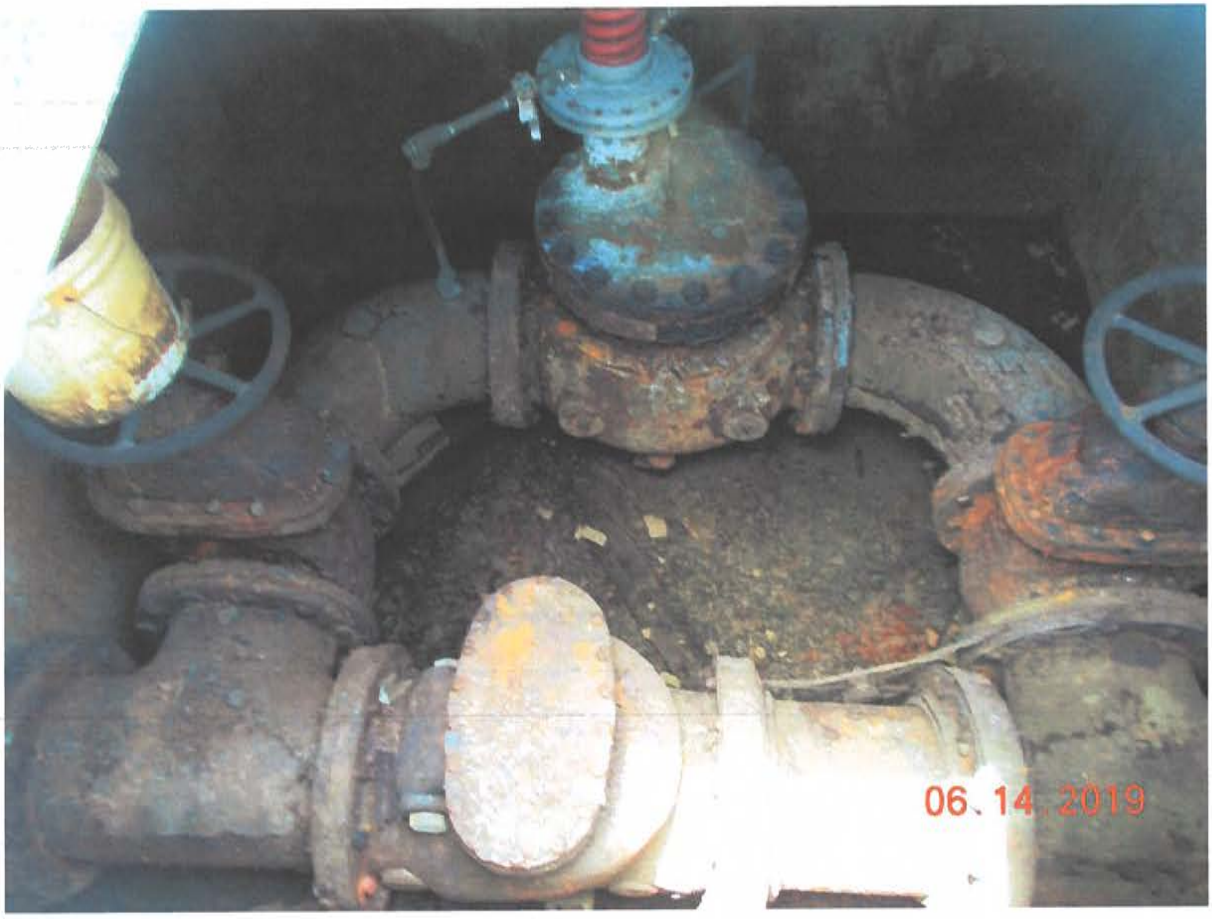
Attachment A.4. **Well #9 – Sample tap with other point of use**
Facility ID: **1019044-001 - WELL #9**
Category: **Source**



Attachment A.5. **Hose bib requires atmospheric vacuum breaker**
Facility ID: **Well #5 and others**
Category: **Distribution System**



Attachment A.6. **Attitude Valve Pit Piping Severely corroded**
Facility ID: **EL002 - SHASTA/ANITA TOWER**
Category: **Storage**



Attachment A.7. **TCR taps inappropriate on residences plumbing fixtures. Taps must pull water directly off water mains**
Facility ID: **Distribution System**
Category: **Distribution**



Attachment A.8. **Sample tap with other point of use**
Facility ID: **EL002 - SHASTA/ANITA TOWER**
Category: **Storage**



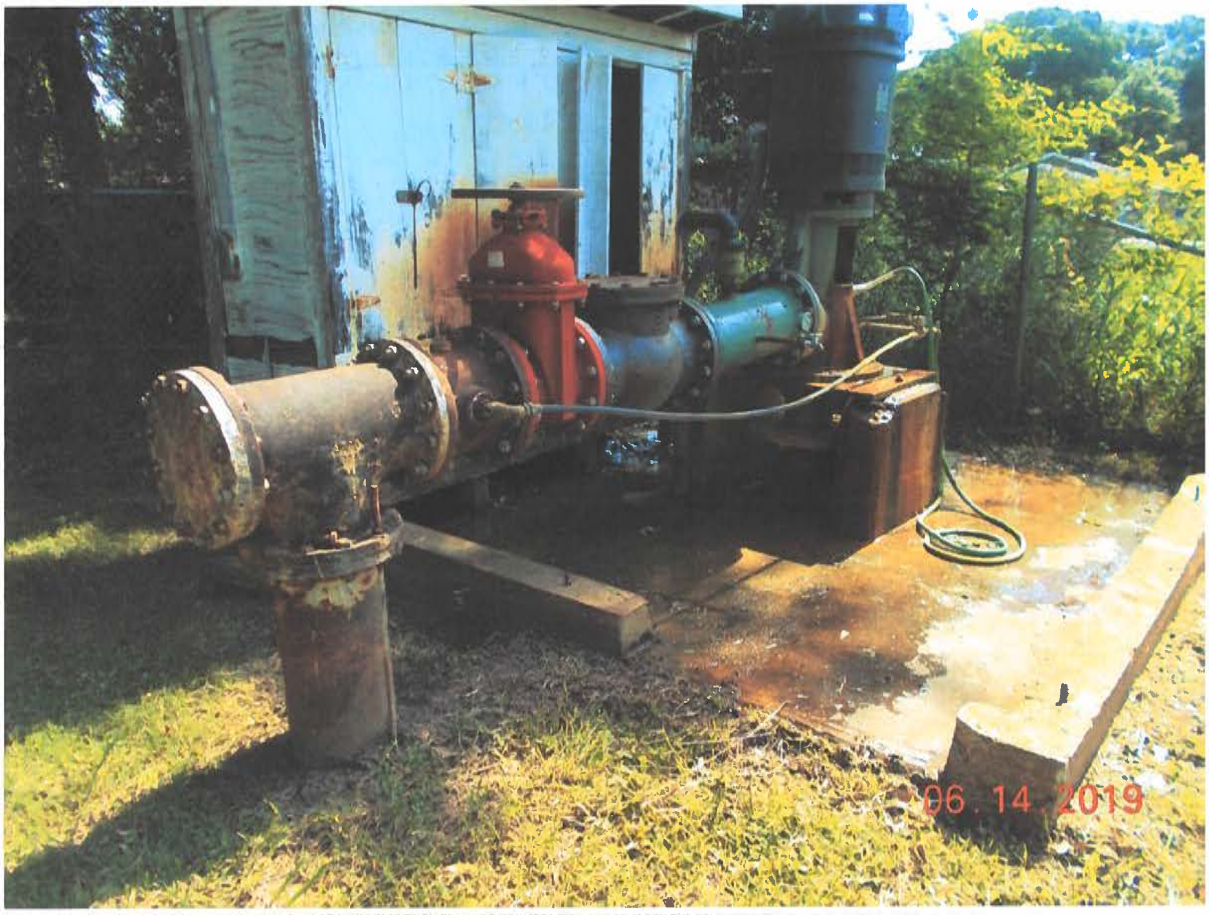
Attachment A.9. **Overflow discharge point requires larger slap or drain inlet to stop possible erosion around tower site**
Facility ID: **EL001 - MAPLEWOOD/DRIFT WOOD TOWER**
Category: **Storage**



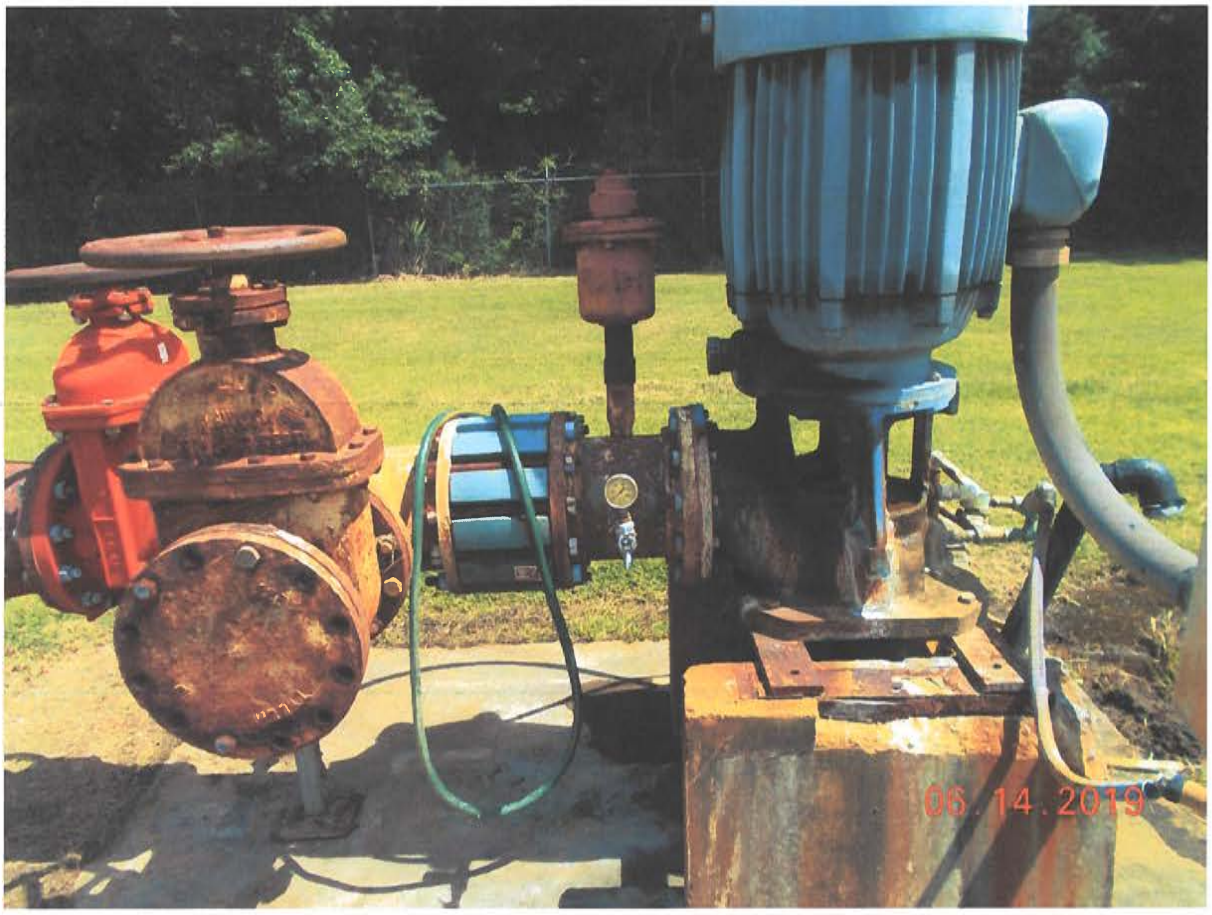
Attachment A.10. **Overflow discharge pipe filled with debris**
Facility ID: **EL003 – Benoit Lane Tower**
Category: **Storage**



Attachment A.11a. **Maintenance needed to prevent rusting & corrosion at well**
Facility ID: **1019044-007 - WELL #6**
Category: **Source**



Attachment A.11b. **Maintenance needed to prevent rusting & corrosion at well**
Facility ID: **1019044-002 - WELL #10**
Category: **Source**



Attachment A.11c. **Maintenance needed to prevent rusting & corrosion at well**
Facility ID: **1019044-006 - WELL #5**
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 6140

August 5, 2019

Kenneth Stinson
TOWN of VINTON WATER SYSTEM
1200 Horridge Street
Vinton, LA 70668

Re: Class I Sanitary Survey
TOWN of VINTON WATER SYSTEM Public Water System
PWS ID LA1019048
CALCASIEU Parish

Dear Mayor Stinson:

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 TOWN of VINTON 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
Judy Anderson	Town Of Vinton Water System
Terry Vice	Town Of Vinton 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).

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

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	It is uncertain, if 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. The current relationship with TMB, the chemical provider, supports some sampling efforts and must be reflected on the approved laboratory application. 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	The Town of Vinton has implemented a Cross Connection Control Program. An ordinance has been passed, letters are being directed to customers concerning their obligations, and testing results are being received. It is not clear how many devices (or applicable customers) are a part of the program. It is also not clear how many customers are compliant with the requirements as being communicated by the Town of Vinton. A list of applicable customers is needed. The Town of Vinton must also be able to demonstrate what customers have complied with their obligations to test devices annually. The Town of Vinton must be able to demonstrate the effectiveness of their Cross Connection Control Program efforts.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	From review, the finished water storage facility (ground storage tank) has been recently inspected in 2018. The inspection recommended an interior cleaning of the tank. This office is also in support of this recommendation.
FACILITY	CATEGORY	FINDINGS
1019048-001 - WELL #1	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.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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 FOR WELL #1, #2 & #3	Treatment	The point of entry sample tap is not a smooth nosed sample tap. The point of entry tap must be smooth nosed, which is suitable for obtaining samples for bacteriological and chemical analysis. The existing exterior tap on the north side of the pump room building will be changed to support the stated requirement.

Written Response Required

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 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: 7018 1830 0000 4149 2954

August 8, 2019

Charles Blankenship
C K B TRAILER PARK WATER SYSTEM
1005 Esplanade St.
Lake Charles, LA 70605

Re: Class I Sanitary Survey
C K B TRAILER PARK WATER SYSTEM Public Water System
PWS ID LA1019059
CALCASIEU Parish

Dear Mr. Blankenship:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 30, 2019 sanitary survey inspection of the public water supply system for C K B TRAILER 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
Solomon Angwafo	OPH-Region V Engineering
Joey Auster	Howell Environmental
Charles Blankenship	C K B 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	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).
FACILITY	CATEGORY	FINDINGS
1019059-001 - WELL #1 - SOUTH	Source	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.
FACILITY	CATEGORY	FINDINGS
1019059-001 - WELL #1 - SOUTH	Source	There is only one (1) active source being used to provide service to the public water system. At least two (2) groundwater sources must be provided. Recent changes to the Louisiana Administrative Code allows for continuous operation of a community water system with one source when an annual notice is provided to the water system customers. To achieve compliance, the water system must construct an approved source or complete the annual notice requirement. All water sources and treatment processes must be approved by Louisiana Department of Health before construction of a secondary source. Please contact LDH for questions related to public notification in lieu of construction.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1019059-001 - WELL #1 - SOUTH	Source	The well is not 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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to 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
5001737	08/24/2018	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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
Engineer Intern

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

Office of Public Health ▪ Southwest Region V
707 A East Prien Lake Road ▪ Lake Charles, Louisiana 70601
Phone #: 337-475-3200 ▪ Fax #: 337-475-3222 ▪ 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: 7017 0530 0000 1957 5082

April 3, 2019

Ian Booth
EAST PARK SUBDIVISION WATER SYSTEM
1320 E. Gauthier Road
Lake Charles, LA 70607

Re: Class I Sanitary Survey
EAST PARK SUBDIVISION WATER SYSTEM Public Water System
PWS ID LA1019079
CALCASIEU Parish

Dear Mr. Booth:

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 EAST PARK 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
Steven R. Joubert	OPH-Region V Engineering
Ian Booth	Booth 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	Other	The vertical hydropneumatic tank was removed and the existing horizontal hydropnematic tank was placed in service. There are remaining segments of pipe that support the removed tank that could harbor stagnant and degraded water quality. From discussion, the water system already has plans to properly abandon the questionable segments of piping from the rest of the water facilities. Eliminate the questionable segments of piping.
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).
FACILITY	CATEGORY	FINDINGS
1019079-001 - WELL #1 - WEST WELL	Source	1. There is a depressed area need the well with high grass. The area around the well must be well-drained and facilitate the rapid removal of water within a 50 foot radius of the well. The potential for ponding water presents a possible source of contamination and must be addressed by proper cutting and grading of the area. 2. 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 A.1. & A.2.)**

Deficiencies

FACILITY	CATEGORY	FINDINGS
1019079-002 - WELL #2 - EAST WELL	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.

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: 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. **High Grass and Grading around Well**
Facility ID: **1019079-001 - WELL #1 - WEST WELL**
Category: **Source**



Attachment A.2 **Broken Casing Screen**
Facility ID: **1019079-001 - WELL #1 - WEST 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: 7018 1830 0000 7504 7717

November 27, 2019

Carol Petranek
Country Pines Subdivision Water System
201 Holiday Blvd., Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
Country Pines Subdivision Public Water System
PWS ID LA1019083
Calcasieu Parish

Dear Ms. Petranek:

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 Country Pines Subdivision Public 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
Solomon Angwafo	OPH-Region V Engineering
Jeremiah Boyette	Utilities Inc. Of Louisiana
Joshua McMaster	Utilities Inc. Of Louisiana
Hallie O'Quain	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	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
TP001 - TP FOR WELL #1, #2 - TUNA	Treatment	There is no secondary containment provided for the sodium hypochlorite solution being used for water disinfection. 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 solution tank with sufficient containment volumes.
FACILITY	CATEGORY	FINDINGS
TP004 - TP FOR WELL #4, #5 - STINGRAY	Treatment	There is no secondary containment provided for the sodium hypochlorite solution being used for water disinfection. 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 solution tank with sufficient containment volumes.
FACILITY	CATEGORY	FINDINGS
1019083-004 - WELL #4 - STINGRAY W	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
1019083-005 - WELL #5 - STINGRAY E	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.

No observations were recorded in this category.

Creation of new PWS ID# for South Country Pines and adjustments current water system boundaries for Country Pines Subdivision

With the November 20, 2019 site visit, and communication with water system personnel, the interconnection linking the north and south distribution when isolated allows for better operations and managements of the water systems. This office has noted that the said valve when operated allow for low lower pressures in portions of the distribution system north of the canal and reduced functionality and support from the north plant. The inability to keep the valve open allows for two independent systems for Country Pines Subdivision.

To increase compliance and reflect the current reality in the subdivision, a new PWS ID# (representing Country Pines – South Water System) will be assigned to the water facilities south of the canal. Its boundaries will include all areas served in the south up to the canal. The boundaries of the current PWS1019083 will be adjusted to reflect the northern facilities in the subdivision and north of the canal. The intent is to have two independent water systems for Country Pines that support better compliance.

Some of the actions that the new water system and adjusted boundaries for the existing facilities will need to comply with are:

1. Monthly Bacteriological sampling (additional sites for north and south of canal)
2. Lead and Copper Rule
3. Stage 2 Disinfection Byproducts Rule
4. Chlorine Residual readings at the POE, ACR and MRT sites
5. Consumer Confidence Reports
6. Water Complaints Log

A new PWS ID# and adjustment to boundaries can be avoided if viable engineering plans are established that allow for alternate connection linking the north and south water facilities, which will enhance

operational pressures throughout the distribution system while allowing for normal operations of both water plants.

Written Response Required

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
5004314	10/31/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	10/01/2019 - 10/31/2019
5004307	08/20/2019	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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
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: 7018 1830 0000 7504 7717

November 27, 2019

Carol Petranek
South Calcasieu Estates Subdivision Water System
201 Holiday Blvd., Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
South Calcasieu Estates Subdivision Public Water System
PWS ID LA1019098
Calcasieu Parish

Dear Ms. Petranek:

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 South Calcasieu 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
Solomon Angwafo	OPH-Region V Engineering
Jeremiah Boyette	Utilities Inc. Of Louisiana
Joshua McMaster	Utilities Inc. Of Louisiana
Hallie O'Quain	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	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
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Taps in the distribution system for Coliform Routine Compliance Monitoring are on customer residences (plumbing) and these taps are double-sided connection of a hose bibs. Per LAC 51:XII.903.B, the water systems must provide suitable taps, which draw water directly from the mains. 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 taps drawing water directly from the main decrease the chance of "bad samples" that can result in a coliform maximum contaminant level (MCL) violation that requires public notification by the public water system and an administrative enforcement action by EPA/LDH against the water system. The water system must provide suitable taps within the distribution system, which allow for sampling only without any undue influences.

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

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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
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: 7017 0530 0000 1957 5013

January 28, 2019

David Dubrow
SMITH MOBILE HOME VILLAGE WATER SYSTEM
45 Academy Street, Suite 200
Newark, NJ 07102

Re: Class I Sanitary Survey
SMITH MOBILE HOME VILLAGE WATER SYSTEM Public Water System
PWS ID LA1019085
CALCASIEU Parish

Dear Mr. Dubrow:

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 of the public water supply system for SMITH MOBILE HOME 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
Steven R. Joubert	OPH-Region V Engineering
Danny Simon	Howell Environmental
Nicholas Collins	Onsite Maintenance for Smith Mobile Home Village

NOTICE OF VIOLATIONS

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

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

No unresolved observations were recorded in this category.

Significant Deficiencies

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. Please be aware that cross connection requirement for RV park spaces have changed. RV Park spaces are now required to be equipped with a dual check valve, which is a non-testable device. **(See Attachment A.1.)**
FACILITY	CATEGORY	FINDINGS
1019085-001 - WELL #1 - NORTH	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 Attachment A.2.)**
FACILITY	CATEGORY	FINDINGS
1019085-003 - WELL #3 - MIDDLE	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 Attachment A.3.)**
FACILITY	CATEGORY	FINDINGS
1019085-002 - WELL #2 - SOUTH	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 Attachment A.4.)**

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://new.dhh.louisiana.gov/index.cfm/page/1725. Please send the Region 5 office a copy of the next three (3) months of properly recorded, chlorine residual forms.
FACILITY	CATEGORY	FINDINGS
HD001 - HD @ WELL #1	Finished Water Storage	The water sight glass for the hydropneumatic tank is not capable of supporting an indicator between air and water. A clear water sight glass must be provided on the hydropneumatic tank. Replace the water sight glass on the hydropneumatic tank to provide for a means of measuring the contents being stored in the tank. **(See Attachment A.5.)**
FACILITY	CATEGORY	FINDINGS
HD002 - HD @ WELL #2	Finished Water Storage	The water sight glass for the hydropneumatic tank is not capable of supporting an indicator between air and water. A clear water sight glass must be provided on the hydropneumatic tank. Replace the water sight glass on the hydropneumatic tank to provide for a means of measuring the contents being stored in the tank. **(See Attachment A.6.)**
FACILITY	CATEGORY	FINDINGS
TP001 - TP FOR WELL #1 - NORTH	Treatment	The sodium hypochlorite tank is somewhat protected from sunlight and environmental conditions. Feed lines must be secured on tank where openings will not allow for contamination from insects and/or rain. Please make sure that feed lines are properly supported to keep insects, debris, and other environmental effects from contaminating the chemical supply. **(See Attachment A.7.)**
FACILITY	CATEGORY	FINDINGS
TP002 - TP FOR WELL #2 - SOUTH	Treatment	The sodium hypochlorite tank is somewhat protected from sunlight and environmental conditions. Feed lines must be secured on tank where openings will not allow for contamination from insects and/or rain. Please make sure that feed lines are properly supported to keep insects, debris, and other environmental effects from contaminating the chemical supply. **(See Attachment A.8.)**

FACILITY	CATEGORY	FINDINGS
1019085-003 - WELL #3 - MIDDLE	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 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 A.9.)**
FACILITY	CATEGORY	FINDINGS
1019085-002 - WELL #2 - SOUTH	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. It must be installed at a minimum height of 12 inches above the grade or floor and must have a minimum diameter of 1/2 inches.
FACILITY	CATEGORY	FINDINGS
1019085-002 - WELL #2 - SOUTH	Source	There is currently no pressure gauge installed on the discharge piping of the well. A pressure gauge must be installed on the discharge piping upstream of the check valve as a means to measure the actual operating head conditions. Install a pressure gauge on the well discharge piping to detect any changes in operating conditions.
FACILITY	CATEGORY	FINDINGS
1019085-001 - WELL #1 - NORTH	Source	There is currently no pressure gauge installed on the discharge piping of the well. A pressure gauge must be installed on the discharge piping upstream of the check valve as a means to measure the actual operating head conditions. Install a pressure gauge on the well discharge piping 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
TP002 - TP FOR WELL #2 - SOUTH	Treatment	The point of entry sample tap is not properly oriented. The smooth nosed tap must be oriented in a downturned direction, which is suitable for obtaining samples for bacteriological and chemical analysis. **(See Attachment A.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 – 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
5003845	01/10/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	01/01/2019 - 01/31/2019
5003844	02/26/2018	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 337-475-3214.

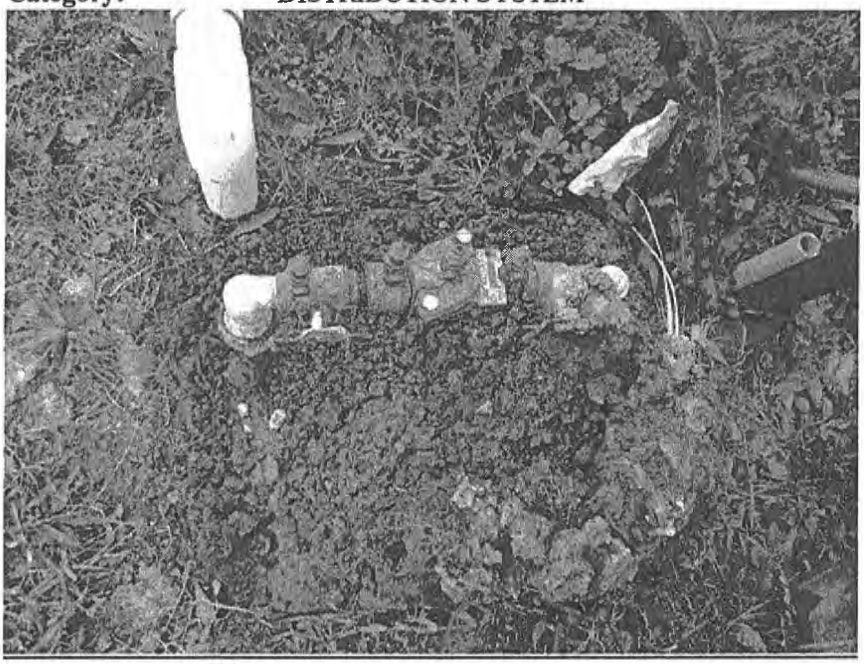
Respectfully,

Steven R. Joubert, P.E.
District III Engineer

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

Attachments:

Attachment A.1. **Untested Cross Connection Control**
Facility ID: DS0950 - DISTRIBUTION SYSTEM
Category: DISTRIBUTION SYSTEM



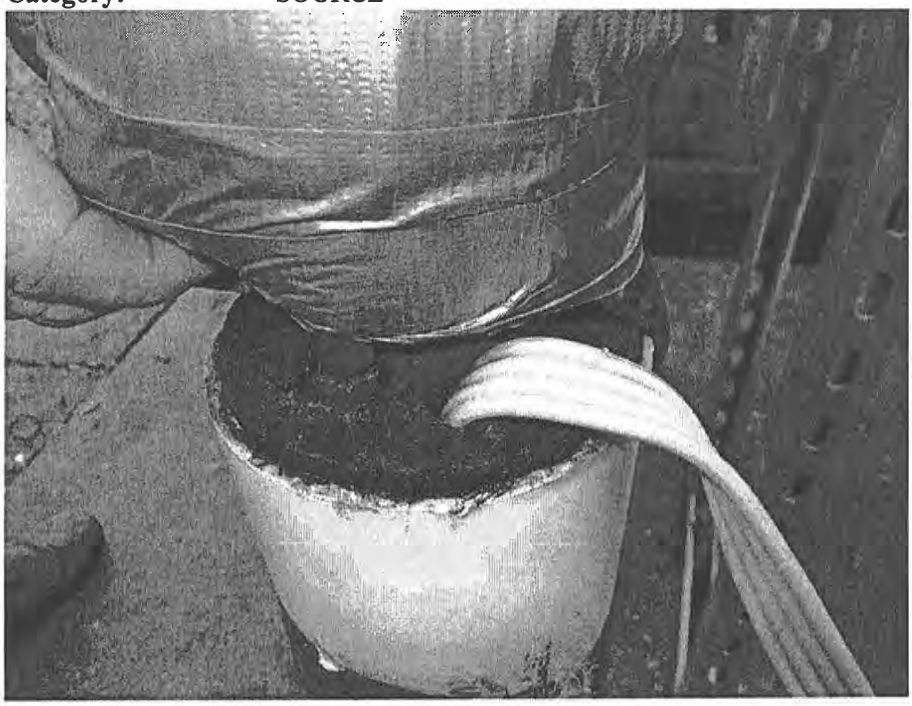
Attachment A.2. **Casing Seal – Voids spaces**
Facility ID: 1019085-001 - WELL #1 – NORTH
Category: SOURCE



Attachment A.3. **Casing Seal – Voids spaces**
Facility ID: 1019085-003 - WELL #3 – MIDDLE
Category: SOURCE



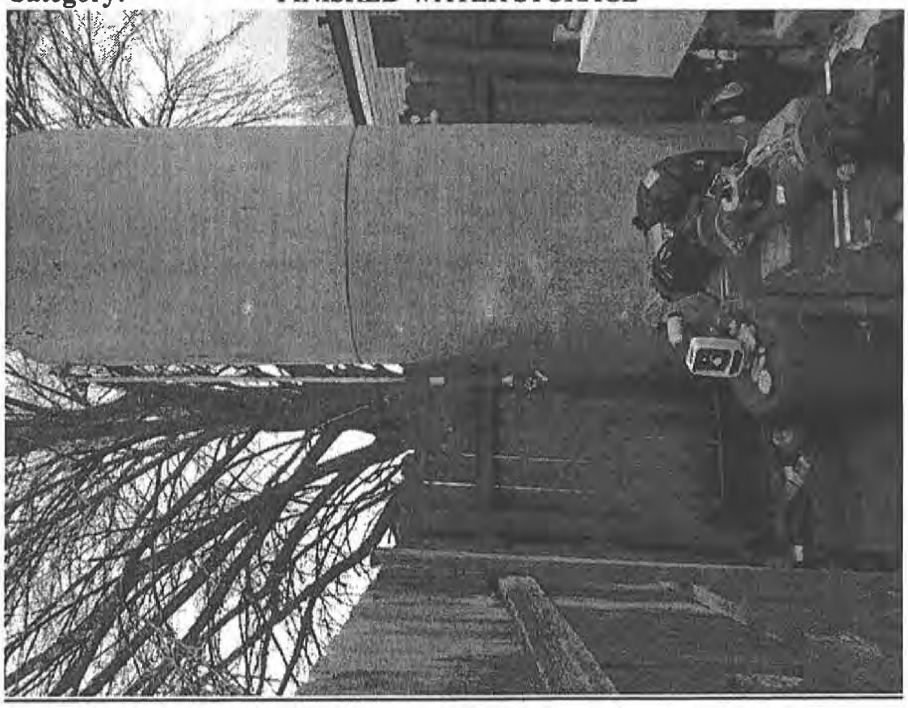
Attachment A.4. **Casing Seal – Voids spaces**
Facility ID: 1019085-002 - WELL #2 - SOUTH
Category: SOURCE



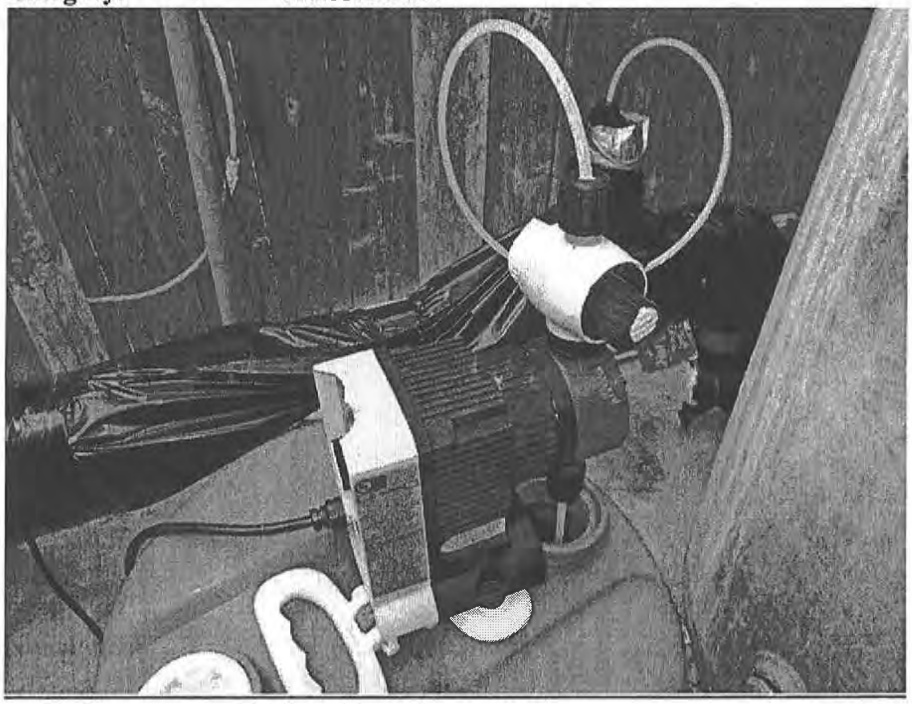
Attachment A.5. **HD Sightglass**
Facility ID: HD001 - HD @ WELL #1
Category: FINISHED WATER STORAGE



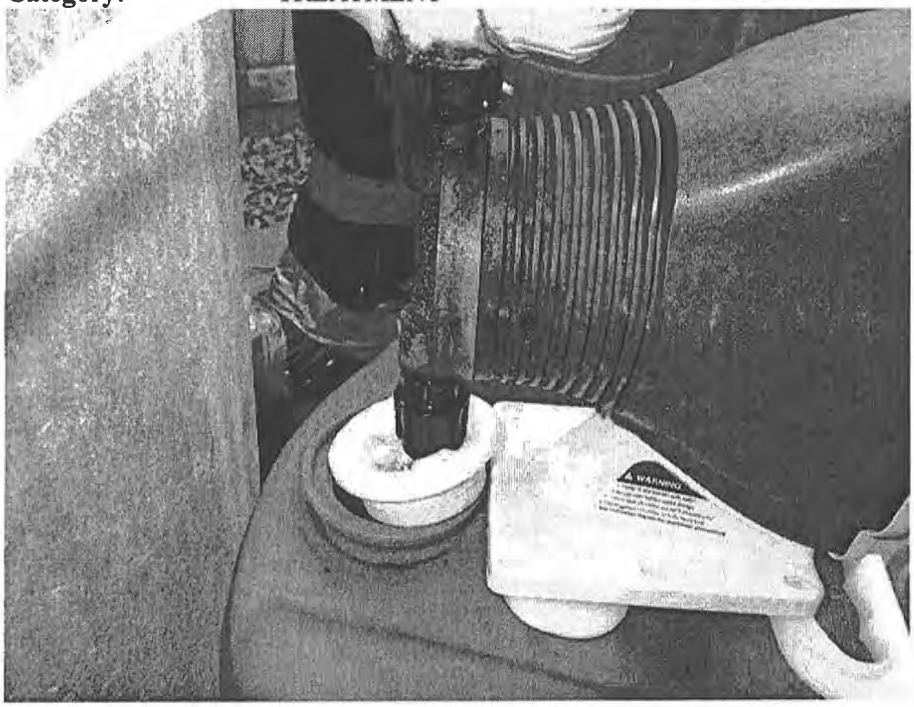
Attachment A.6. **HD Sightglass**
Facility ID: HD002 - HD @ WELL #2
Category: FINISHED WATER STORAGE



Attachment A.7. **Chemical Tank Storage**
Facility ID: TP001 - TP FOR WELL #1 – NORTH
Category: TREATMENT



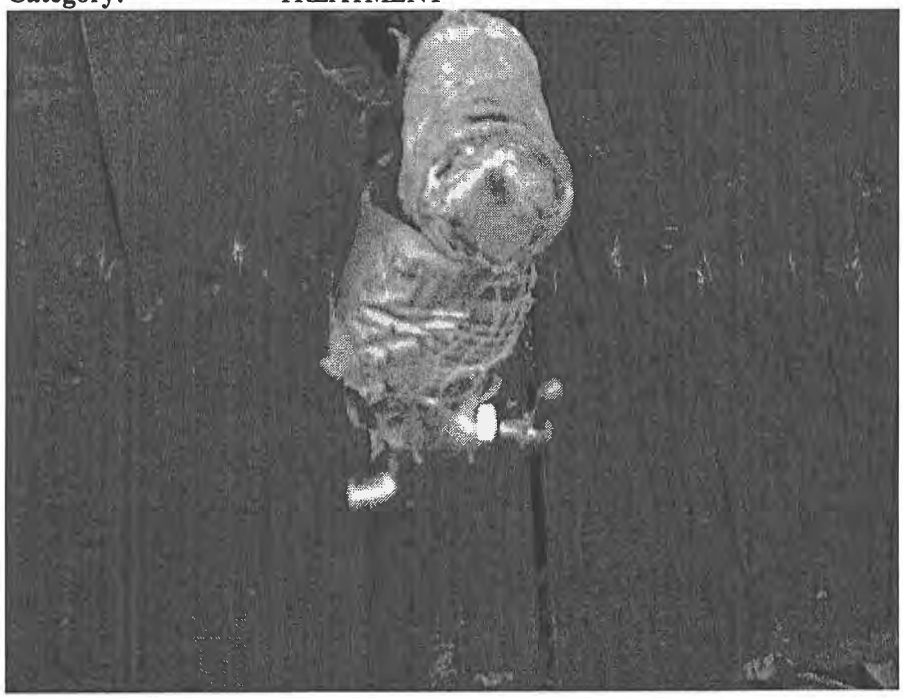
Attachment A.8. **Chemical Tank Storage**
Facility ID: TP002 - TP FOR WELL #2 - SOUTH
Category: TREATMENT



Attachment A.9. **Air Relief – Unscreened & Construction**
Facility ID: 1019085-003 - WELL #3 – MIDDLE
Category: SOURCE



Attachment A.10. **POE – Orientation**
Facility ID: TP002 - TP FOR WELL #2 - SOUTH
Category: TREATMENT



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 2961

August 8, 2019

Gayle Davidson
TESI LAKE STREET
P.O. Box 14059
Baton Rouge, LA 70898-4059

Re: Class I Sanitary Survey
TESI LAKE STREET Public Water System
PWS ID LA1019091
CALCASIEU 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 July 30, 2019 sanitary survey inspection of the public water supply system for TESI LAKE STREET (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Cliff Langley	Total Environmental Solutions
Louis Martin	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
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
1019091-003 - WELL #3 – NORTH 1019091-002 - WELL #2 - SOUTH	Source	A pressure gauge is currently installed downstream of the well's check valve. Pressure gauges are installed on the discharge piping upstream of well's check valves as a means to measure 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. ***(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 – 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

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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
Engineer Intern

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

Attachment A.1 **Pressure gauge required upstream of well check valve**
Facility ID: **1019091-003 - Well #2 and (well 3)**
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 1830 0000 7504 7717

November 27, 2019

Carol Petranek
South Calcasieu Estates Subdivision Water System
201 Holiday Blvd., Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
South Calcasieu Estates Subdivision Public Water System
PWS ID LA1019098
Calcasieu Parish

Dear Ms. Petranek:

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 South Calcasieu 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
Solomon Angwafo	OPH-Region V Engineering
Jeremiah Boyette	Utilities Inc. Of Louisiana
Joshua McMaster	Utilities Inc. Of Louisiana
Hallie O'Quain	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	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
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Taps in the distribution system for Coliform Routine Compliance Monitoring are on customer residences (plumbing) and these taps are double-sided connection of a hose bibs. Per LAC 51:XII.903.B, the water systems must provide suitable taps, which draw water directly from the mains. 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 taps drawing water directly from the main decrease the chance of "bad samples" that can result in a coliform maximum contaminant level (MCL) violation that requires public notification by the public water system and an administrative enforcement action by EPA/LDH against the water system. The water system must provide suitable taps within the distribution system, which allow for sampling only without any undue influences.

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

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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
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: 7017 0530 0000 1957 5877

March 25, 2019

Lynn Broussard
COUNTRY LIVING TRAILER PARK WATER SYSTEM
730 Helen Street
Lake Charles, LA 70601

Re: Class I Sanitary Survey
COUNTRY LIVING TRAILER PARK WATER SYSTEM Public Water System
PWS ID LA1019102
CALCASIEU 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 March 22, 2019 sanitary survey inspection of the public water supply system for COUNTRY LIVING TRAILER 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
Steven R. Joubert	OPH-Region V Engineering Services
Reggie Babineaux	OPH-Region V Engineering Services
Ken Broussard	Country Living Trailer Park
Lynn Broussard	Country Living 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).

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

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 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).
FACILITY	CATEGORY	FINDINGS
1019102-001 - WELL #1	Source	There is only one (1) active source being used to provide service to the public water system. At least two (2) sources of groundwater must be provided. Currently, there is a permit by the Louisiana Department of Health approving the construction of a secondary source. The recent changes to the Louisiana Administrative Code allows continued operation of a community water system with one source when an annual notice is provided to customers. To achieve compliance, the water system must constructed the approved source or complete the annual notice requirement. Please contact LDH for questions related to public notification in lieu of construction.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1019102-001 - WELL #1	Source	There is currently no pressure gauge installed on the discharge piping of the well. A pressure gauge must be installed on the discharge piping upstream of the check valve as a means to measure the actual operating head conditions. Install a pressure gauge on the well discharge piping 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: 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 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 1070 0000 1127 3610

February 12, 2019

Tim Strack
QUAIL RIDGE ESTATES WATER SYSTEM
11335 Gold Express Drive, Suite 100
Gold River, CA 95670

Re: Class I Sanitary Survey
QUAIL RIDGE ESTATES WATER SYSTEM Public Water System
PWS ID LA1019105
CALCASIEU Parish

Dear Mr. Strack:

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 QUAIL RIDGE ESTATES 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
Ian Booth	Booth 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	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).
FACILITY	CATEGORY	FINDINGS
1019105-004 - WELL #4 - MIDDLE	Source	The well was properly abandoned. The discharge pipe is still currently connected allowing for a deadend at a valve. Due to pressures in the main, the water cannot be properly refreshed and could lead to stagnant and degrading water quality. The piping currently allows for possible flushing to improve the water quality with a developed schedule for flushing and residual checking. From discussion, the water system plans to properly abandon the questionable segment of discharge piping from the well to the rest of the water facilities. Eliminate the questionable segments of discharge piping. **(See Attachment A.1.)**

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TP FOR WELL #1, #3, & #5	Treatment	The sodium hypochlorite tank is somewhat protected from sunlight and environmental conditions. The roof provides for leaking in the area of the chemical tanks. Feed lines must be secured on tank where openings will not allow for contamination from insects and/or rain. Please make sure that feed lines are properly supported to keep insects, debris, and other environmental effects from contaminating the chemical supply. **(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
TP001 - TP FOR WELL #1, #3, & #5	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 where the 4 hydropneumatic tanks join a common discharge pipe. The pipe will be exposed en route to the distribution system and a smooth nosed tap will be placed on the horizontal portion of the main headed to service. 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. **(See Attachment A.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 – 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. **Well Abandonment**
Facility ID: 1019105-004 - WELL #4 - MIDDLE
Category: **Source**



Attachment A.2. **Chemical Storage**
Facility ID: TP001 - TP FOR WELL #1, #3, & #5
Category: **Treatment**



Attachment A.3. **POE Location**
Facility ID: TP001 - TP FOR WELL #1, #3, & #5
Category: **Treatment**



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 2886

July 11, 2019

Danny Devillier
PHOENIX MHP of LAKE CHARLES LLC W S
925 Koonce Road
Lake Charles, LA 70611

Re: Class I Sanitary Survey
PHOENIX MHP of LAKE CHARLES LLC W S Public Water System
PWS ID LA1019109
CALCASIEU Parish

Dear Mr. Devillier:

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 PHOENIX MHP of LAKE CHARLES LLC 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
Solomon Angwafo	OPH-Region V Engineering
Austin Booth	Booth 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
11/06/2017	11/13/2017	Sanitary Survey, Finished	Minor	Source	1019109-002-WELL #2 - SOUTH
Comments: 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 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 A.1.)***					

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 – 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

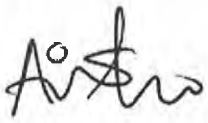
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

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 337-475-3232.

Respectfully,



Solomon Angwafo, E.I.
Engineer Intern

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

Attachment A.1. **Well air release-vacuum relief valve is not screened and not equipped with relief piping in the proper orientation**

Facility ID: **1019109-002-WELL #2 - SOUTH**

Category: **Source**



Picture Date: 11/06/2017

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 2879

July 11, 2019

Edward Trahan
OAK PINE MOBILE HOME PARK WATER SYSTEM
720 Tallow Road
Lake Charles, LA 70607

Re: Class I Sanitary Survey
OAK PINE MOBILE HOME PARK WATER SYSTEM Public Water System
PWS ID LA1019112
CALCASIEU Parish

Dear Mr. Trahan:

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 OAK PINE 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
Solomon Angwafo	OPH-Region V Engineering
Austin Booth	Booth 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

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 - TP FOR WELL #1	Treatment	The POE is equipped with a smooth nosed sampling tap installed on a double-sided connection of a hose bib or other point of use. Finished 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 POE sample tap to support sampling only without any undue influences. ***See Attachment A.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 – 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

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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
Engineer Intern

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

Attachment A.1. **POE Sample tap with other point of use**
Facility ID: **TP001 - 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: 7018 1830 0000 4149 2848

June 27, 2019

Debbie Fontenot
CALCASIEU PARISH WW DISTRICT 8
6407 Hwy 3059
Lake Charles, LA 70615

Re: Class I Sanitary Survey
REVISED – Letter replaces version dated 06/24/2019
CALCASIEU PARISH WW DISTRICT 8 Public Water System
PWS ID LA1019118
CALCASIEU Parish

Dear Ms. 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 CALCASIEU PARISH WW DISTRICT 8 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Virginia Fontenot	Calcasieu Parish WW District #8
Mitch Hoffpauir	Calcasieu Parish WW District #8

NOTICE OF VIOLATIONS

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

The following list 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 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).
FACILITY	CATEGORY	FINDINGS
1019118-001 - WELL #1	Source	The well's electrical conduit does not provide for an adequate watertight connection. The conduit creates a void at the casing that can allow for possible entrance of foreign substances, insects, or organisms that could lead to bacteriological contamination of the source. The conduit provides an effective means to protect the source from possible contamination. Provide a conduit for the pumps electrical wiring with an adequate watertight connection at the entrance through the well's casing sanitary seal to eliminate possible contamination into the well. ***(See Attachment A.1.)***

Deficiencies

FACILITY	CATEGORY	FINDINGS
1019118-001 - WELL #1	Source	The well outer casing piping has been cleaned but not painted to resist corrosion. Paint the well casing to resist corrosion and deterioration that could lead to a potential source of contamination.
FACILITY	CATEGORY	FINDINGS
1019118-002 - WELL #2	Source	The well is equipped with a casing vent that does not meet the applicable standard. 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 A.2.)***

FACILITY	CATEGORY	FINDINGS
1019118-002 - WELL #2	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
1019118-003 - WELL #3	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. Replace the air relief valve screening to prevent the entrance of contaminants. ***(See Attachment A.3.)***
FACILITY	CATEGORY	FINDINGS
GR002 - HWY 3059 - STEEL (384K)	Finished Water Storage	The overflow pipe is not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen. ***(See Attachment A.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 FOR WELL #1, #2, #3 - HWY 3059	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. A smooth nosed sample station will need to be installed on a horizontal portion of the main (downstream of the pumps) leading to the distribution system and either inside the fenced in area of the water plant or just outside the fence as discussed during the survey. If not completed before the next sample event, the water system could receive a monitoring violation that requires public notice to all customers. OPH Region 5 Engineering staff can be reached by phone @ 337-475-3232 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 – 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

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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
Engineer Intern

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

Attachment A.1. **Well Casing and electrical conduit creates a void**
Facility ID: Well #1
Category: **Source**



Also casing seal alignment needs adjustment to prevent any leaks during well operation or void into the casing

Attachment A.2 **Well Casing vent opening not of appropriate height from floor**
Facility ID: Well #2
Category: **Source**

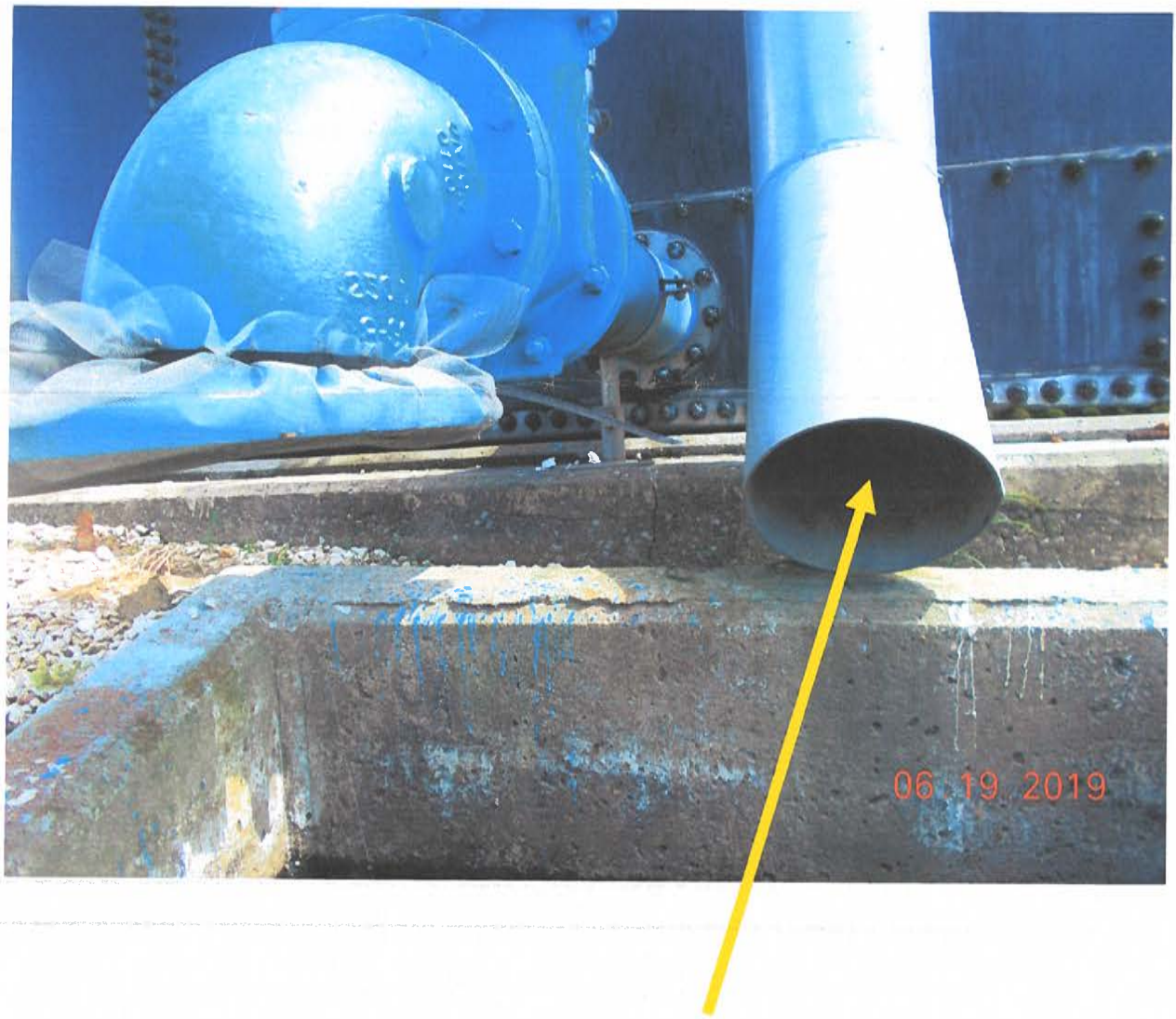


Extend casing vent piping such that casing opening is at least 24 inches above slab of well and down turned

Attachment A.3. **Well #3 - Casing vent mesh need replacement**
Facility ID: Well #3
Category: **Source**



Attachment A.4. **Overflow Pipe missing a 24 mesh non-corrodible screen.**
Facility ID: GR002
Category: **Storage**



Affix a 24 mesh corrosion resistant screen on overflow of Steel Storage Tank

Attachment A.5. **Treatment Plant – POE Tap Proposed Tap-in location**
Facility ID: TP001 – TP for Wells #s 1, 2 & 3
Category: **Treatment**



Water system may bore into this horizontal portion of DS piping, and then extend service piping through the wall to the outside of the building, where a smooth nosed sample tap would be installed for ease of access and support from existing infrastructure as discussed during the survey.

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 2800

May 24, 2019

Ronnie Bowers
HOUSTON RIVER WATERWORKS DISTRICT 11
P.O. Box 2119
Sulphur, LA 70664

Re: Class I Sanitary Survey
HOUSTON RIVER WATERWORKS DISTRICT 11 Public Water System
PWS ID LA1019119
CALCASIEU Parish

Dear Mr. Bowers:

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 HOUSTON RIVER WATERWORKS DISTRICT 11 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Claude Swope	Houston River Waterworks District #11

NOTICE OF VIOLATIONS

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

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

COPY

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The current monitoring plan for the water system needs to be updated due to a population increase. This task can be accomplished by logging into the Monitoring Plan Portal (MPP) at the following link: https://www.ldhh-mpp.org/. It was noted during the most recent Sanitary Survey that an additional sample tap is required. The monitoring plan has been returned for the completion of this tasks. For assistance, please feel free to call me at 1-337-475-3232.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Due to the increase in the number of service connections, the water system must install an additional TCR sampling point. The monitoring plan has been returned for updating. Please consult with LDH about the location of the additional TCR sampling point.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	From review, the elevated storage tank should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of three to five years is recommended. In addition to exterior cleaning and/or painting, the interior surfaces of the ground storage tank 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.

FACILITY	CATEGORY	FINDINGS
TP001 - TP FOR WELL #1, #2	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. A complete enclosure is not required.

The following observations made at the time of the inspection have the potential to 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

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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
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: 7017 0530 0000 1957 5921

April 3, 2019

Todd Connor
CLEARVIEW MOBILE HOME PARK
2168 W Lincoln Rd
Lake Charles, LA 70605

Re: Class I Sanitary Survey
CLEARVIEW MOBILE HOME PARK Public Water System
PWS ID LA1019122
CALCASIEU Parish

Dear Mr. Connor:

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 CLEARVIEW 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
Steven R. Joubert	OPH-Region V Engineering
Ian Booth	Booth 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.

COPY

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The well discharge piping has hose bib connections that do not have an atmospheric vacuum breaker installed. An atmospheric vacuum breaker must be installed on all hose bibs to protect against contamination. A control valve placed at the end of any hose voids this protection, if left in place. Any hose, with or without a control valve, should be removed and stored when not being used. **(See Attachment A.1.)**
FACILITY	CATEGORY	FINDINGS
1019122-001 - WELL #1	Source	There is only one (1) active source being used to provide service to the public water system. At least two (2) sources of groundwater must be provided. Currently, there is a permit by the Louisiana Department of Health approving the construction of a secondary source. The recent changes to the Louisiana Administrative Code allows continued operation of a community water system with one source when an annual notice is provided to customers. To achieve compliance, the water system must constructed the approved source or complete the annual notice requirement. Please contact LDH for questions related to public notification in lieu of construction.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1019122-001 - WELL #1	Source	The well is equipped with a check valve that appears to be malfunctioning. The well must be equipped with a working check valve. **(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.

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: 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

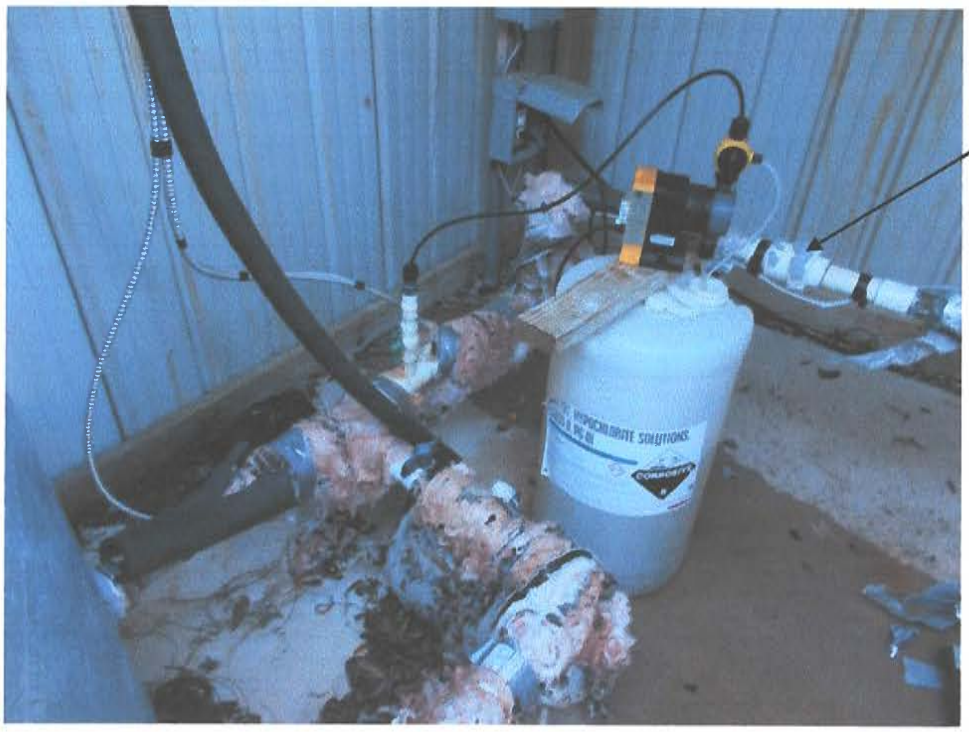
Attachments:

Attachment A.1. **Cross Connection Device Needed**
Facility ID: **DS0950 – Distribution System**
Category: **Distribution System**





Attachment A.2. **Broken Check Valve**
Facility ID: **1019122-001 - 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 1070 0000 1127 3634

February 13, 2019

Doug Farr
RUTHERFORD TRAILER PARK WATER SYSTEM
4120 Primrose Drive
Lake Charles, LA 70605

Re: Class I Sanitary Survey
RUTHERFORD TRAILER PARK WATER SYSTEM Public Water System
PWS ID LA1019124
CALCASIEU Parish
Revised – Secondary Source is not available, 2/13/2019

Dear Mr. Farr:

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 RUTHERFORD TRAILER 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
Steven R. Joubert	OPH-Region V Engineering
Ian Booth	Booth 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).

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

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The slab supporting the required finished water storage tank is compromised with less than desirable repairs invoked. The slab supporting the tank must be removed and properly replaced to provide for a structural sound foundation for the storage tank. **(See Attachment A.1.)**
FACILITY	CATEGORY	FINDINGS
Management	Security	There is no protective fencing around the water facilities. A fence, capable of being locked, must be constructed around all aspects of the public water supply. The fence shall be resistant to climbing and at least 6 feet high. **(See Attachment A.2.)**
FACILITY	CATEGORY	FINDINGS
1019124-002 - WELL #2	Source	1. 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. Remove and replace the cracked concrete slab to prevent any potential contamination into the well. 2. The area around the well is excessively wet. The area around the well must be well-drained and facilitate the rapid removal of water within a 50 foot radius of the well. The ponding water presents a potential source of contamination and must be addressed by proper grading of the area. 3. The casing vent for the well was unattached leaving a void space in the well casing. Properly affix the casing vent to the well casing to eliminate potential contamination into the well.
FACILITY	CATEGORY	FINDINGS
1019124-002 - 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 must be provided. Currently, there is another existing well on-site that may be connected to the distribution system and used as a secondary source or emergency well. The well discharge piping must have a port installed to allow for a connection to properly disinfect the raw water prior to discharging into the distribution system. All water sources and treatment processes must be approved by Louisiana Department of Health.

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 - HD - EAST	Finished Water Storage	The area around the storage tank has evidence of ponding water. This area around the tank within 50 feet must be well drained and graded to facilitate the rapid removal away from the storage tank. The ponding water presents a potential source of contamination and could potentially compromise the integrity of the structure. **(See Attachment 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 – 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. **Foundation for Storage Tank**
Facility ID: Management
Category: **Other**



Attachment A.2. **Fencing for Water Facilities**
Facility ID: Management
Category: **Security**



Attachment A.3. **Pathways to Contamination**
Facility ID: 1019124-002 - 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: 7017 0530 0000 1957 5150

March 8, 2019

Jody Singletary
DUNHAM PRICE GROUP WATER SYSTEM
P O Box 760
Westlake, LA 70669

Re: Class I Sanitary Survey
DUNHAM PRICE GROUP WATER SYSTEM Public Water System
PWS ID LA2019134
CALCASIEU Parish

Dear Mr. Singletary:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 8, 2019 sanitary survey inspection of the public water supply system for DUNHAM PRICE GROUP 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
Austin Booth	Booth 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).

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

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The well discharge piping has a hose connection that does not have an atmospheric vacuum breaker installed. An atmospheric vacuum breaker must be installed on the hose bib to protect against contamination. A control valve left on the end of any hose attached at this point voids this protection. A hose if used, with or without a control valve, should be removed and stored when not being used. **(See Attachment A.1.)**

Deficiencies

FACILITY	CATEGORY	FINDINGS
PF003 - PUMP #3	Pump/pumping facility and control	The pump on the east side has a leak. All piping and appurtenances for the pump must have watertight joints. Repair the leak to eliminate the ponding water and to protect against a possible source of contamination. **(See Attachment A.2.)**
FACILITY	CATEGORY	FINDINGS
2019134-001 - WELL #1 - NORTH	Source	The well's discharge piping is not equipped with a pressure gauge or a smooth nosed sampling tap. A pressure gauge and a smooth nosed sampling must be provided. Install a pressure gauge on the well's discharge piping upstream of the check valve to detect any changes in operating conditions. A smooth nosed sampling tap must also be installed upstream of the check valve. **(See Attachment A.3.)**
FACILITY	CATEGORY	FINDINGS
2019134-002 - WELL #2 - SOUTH	Source	There is currently no pressure gauge installed on the discharge piping of the well. A pressure gauge must be installed on the discharge piping upstream of the check valve as a means to measure the actual operating head conditions. Install a pressure gauge on the well discharge piping to detect any changes in operating conditions. **(See Attachment A.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.

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: 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. **Cross Connection Device Needed**
Facility ID: **DS0950 – Distribution System**
Category: **Distribution System**



Attachment A.2. **Leaking Pump**
Facility ID: **PF003 – Pump #3**
Category: **Pump/pumping facility and control**



Attachment A.3. **Missing Pressure Gauge and Sample Tap**
Facility ID: **2019134-001 - WELL #1 - NORTH**
Category: **Source**



Attachment A.4. **Missing Pressure Gauge**
Facility ID: **2019134-002 - WELL #2 - South**
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 1830 0000 4149 2657

March 4, 2019

Chuck Kleckley
FOUR CORNERS WATER SYSTEM
2602 Hwy. 14 E.
Lake Charles, LA 70607

Re: Class I Sanitary Survey
FOUR CORNERS WATER SYSTEM Public Water System
PWS ID LA2019136
CALCASIEU Parish

Dear Kleckley:

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 FOUR CORNERS 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
Solomon Angwafo	OPH-Region V Engineering
Ian Booth	Booth 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.

COPY

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/11/2015	05/11/2015	Sanitary Survey, Finished	Minor	Source	2019136-001-WELL #1
Comments: There was a sample tap available. The orientation of the sample tap will make potential sampling difficult. Please orient the sample tap, so that it is directed downward and at least 12 inches above the ground.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	There is no protective fencing around the retention tank. A fence, capable of being locked, must be constructed around all aspects of the public water supply. The fence shall be resistant to climbing and at least 6 feet high. ***(See Attachment A.1.)***
FACILITY	CATEGORY	FINDINGS
2019136-001 - WELL #1	Source	The well has an existing cracked on the 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 or replace the cracked concrete slab to prevent any potential contamination into the well. ***(See Attachment A.2.)***

Deficiencies

FACILITY	CATEGORY	FINDINGS
2019136-001 - WELL #1	Source	The well's discharge piping is not equipped with a flow-measuring device. 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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

COPY

Recommendations

The following observations made at the time of the inspection have the potential to 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

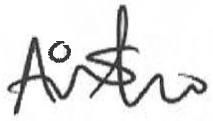
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

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 337-475-3232.

Respectfully,



Solomon Angwafo, E.I.
Engineer Intern

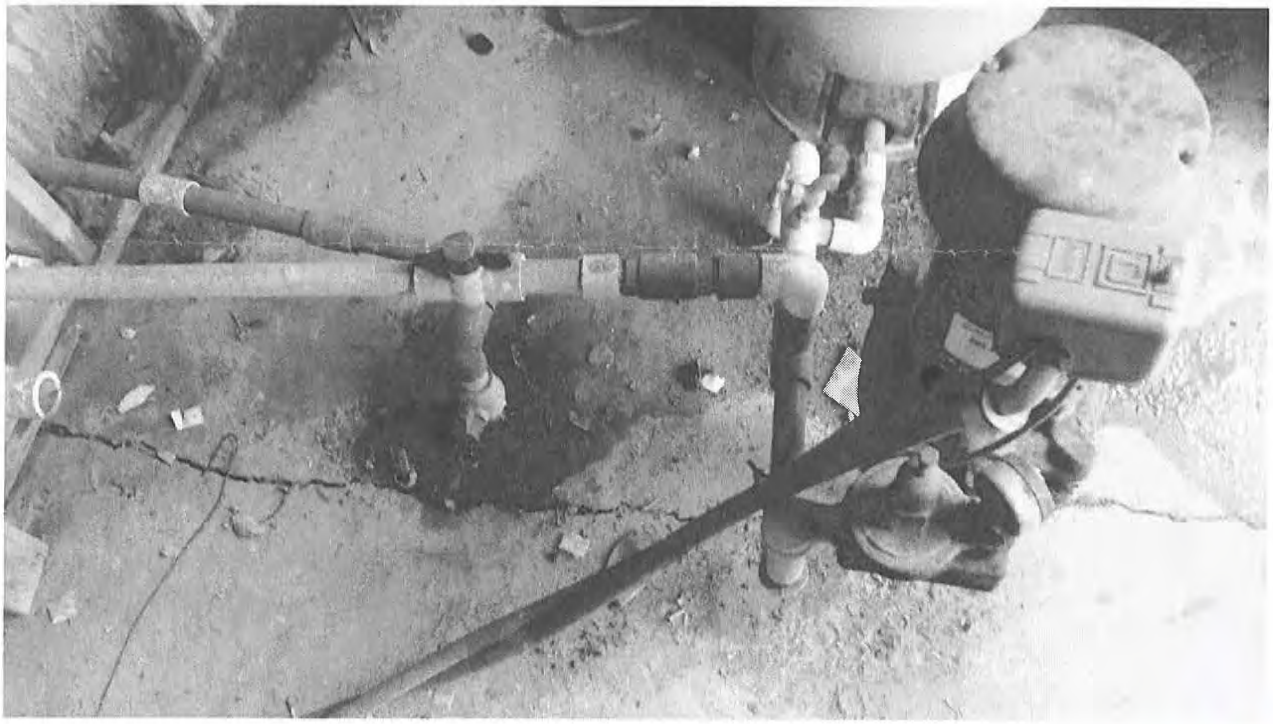
cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

COPY

Attachment A.1. **Fencing for Water Facilities**
Facility ID: Management
Category: **Security**



Attachment A.2. **Well Slab**
Facility ID: Well #1
Category: **Source**



Office of Public Health ▪ Southwest Region V
707 A East Prien Lake Road ▪ Lake Charles, Louisiana 70601
Phone #: 337-475-3200 ▪ Fax #: 337-475-3222 ▪ www.ldh.la.gov
"An Equal Opportunity Employer"

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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: 7018 1830 0000 4149 2640

February 22, 2019

Johnnie Thibodeaux
PUTTERS GOLF COMPLEX WATER SYSTEM
7795 Lake Street
Lake Charles, LA 70605

Re: Class I Sanitary Survey
PUTTERS GOLF COMPLEX WATER SYSTEM Public Water System
PWS ID LA2019154
CALCASIEU Parish

Dear Mr. Thibodeaux:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 20, 2019 sanitary survey inspection of the public water supply system for PUTTERS GOLF COMPLEX 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
Solomon Angwafo	OPH-Region V Engineering
Chad Perry	Ivery Enterprises, LLC
Johnnie Thibodeaux	Putters Golf Complex
Larry Thomas	Putters Golf Complex

NOTICE OF VIOLATIONS

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

The following list 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 is no protective fencing around the water plant facilities. A fence, capable of being locked, must be constructed around all aspects of the public water supply. The fence shall be resistant to climbing and at least 6 feet high.
FACILITY	CATEGORY	FINDINGS
2019154-001 - WELL #1	Source	1) The area around the well is excessively wet. The area around the well must be well-drained to facilitate the rapid removal of water within a 50 foot radius of the well. The ponding water presents a potential source of contamination and must be addressed by proper grading of the area. **(See Attachment A.1.)** 2) 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 Attachment A.2.)**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The electrical wiring for the well's submersible pump is currently unprotected. Provide a conduit for the pump's electrical wiring with an adequate watertight connection at the entrance through the well casing sanitary seal to eliminate possible contamination into the well. **(See Attachment A.2.)**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	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 manufacturer on the chemical feed tank. **(See Attachment A.3.)**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	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 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 – 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

No other violations were reported in the past year.

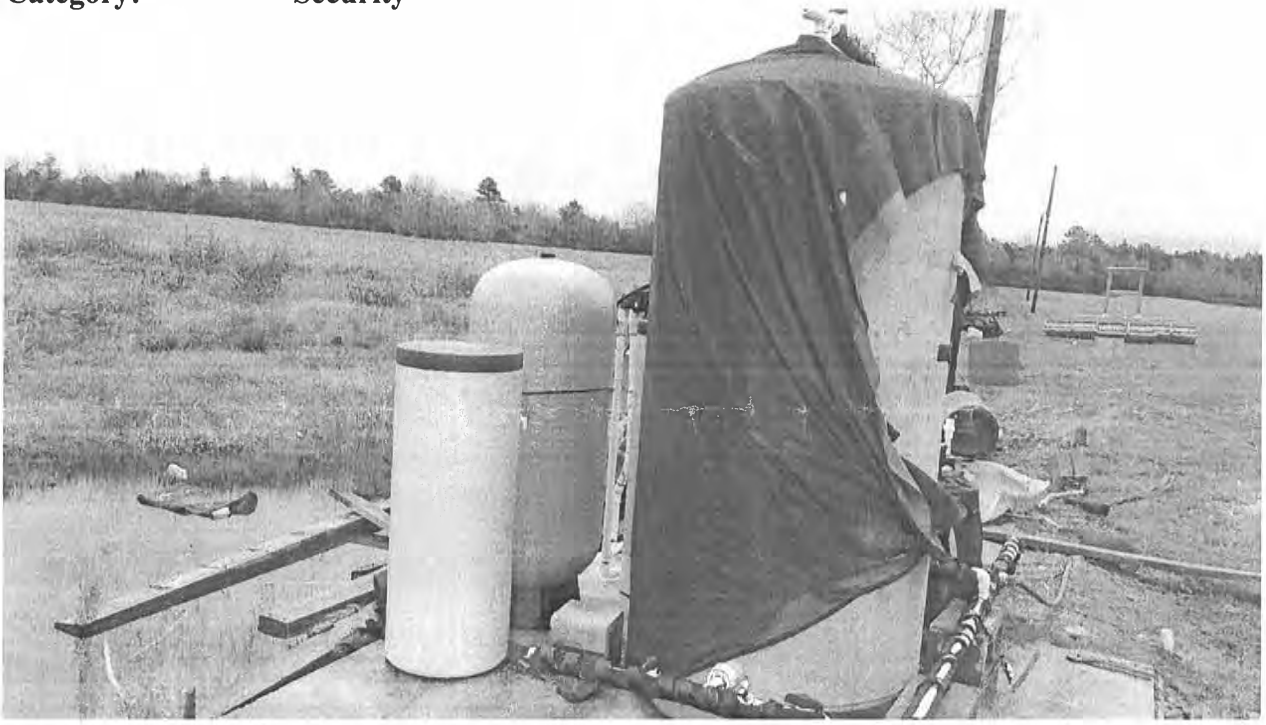
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-475-3232.

Respectfully,

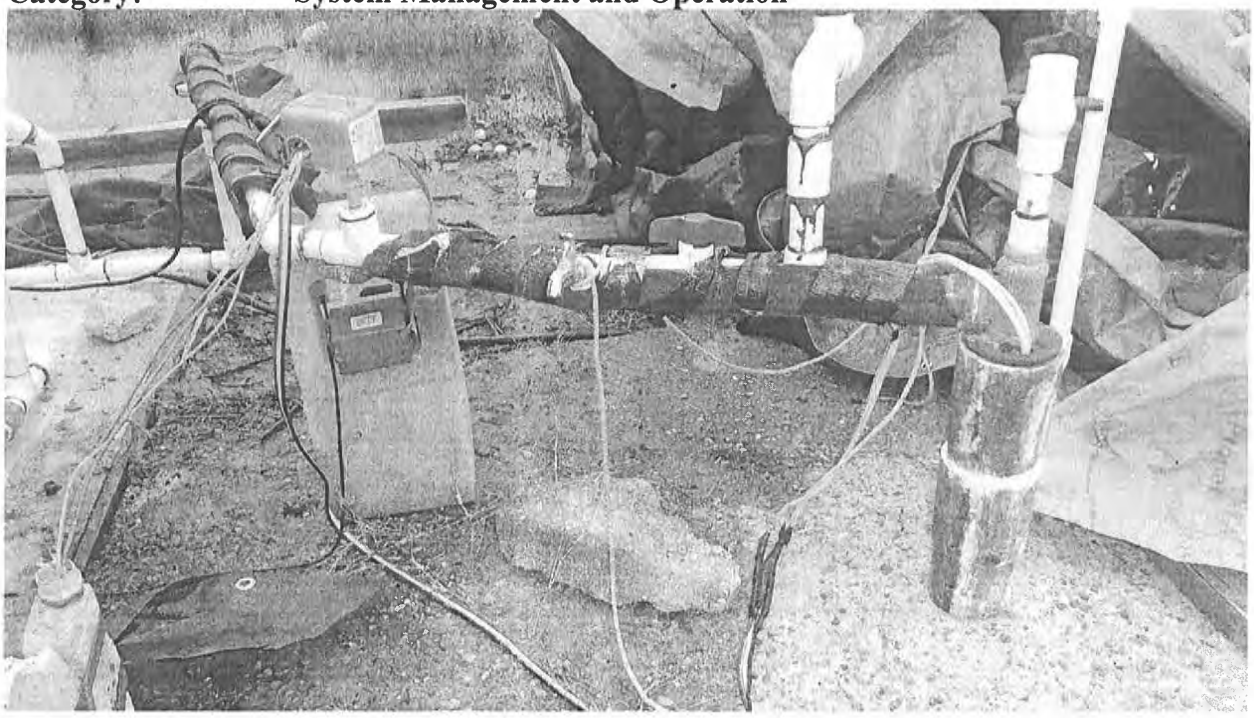
Solomon Angwafo, E.I.
Engineer Intern

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

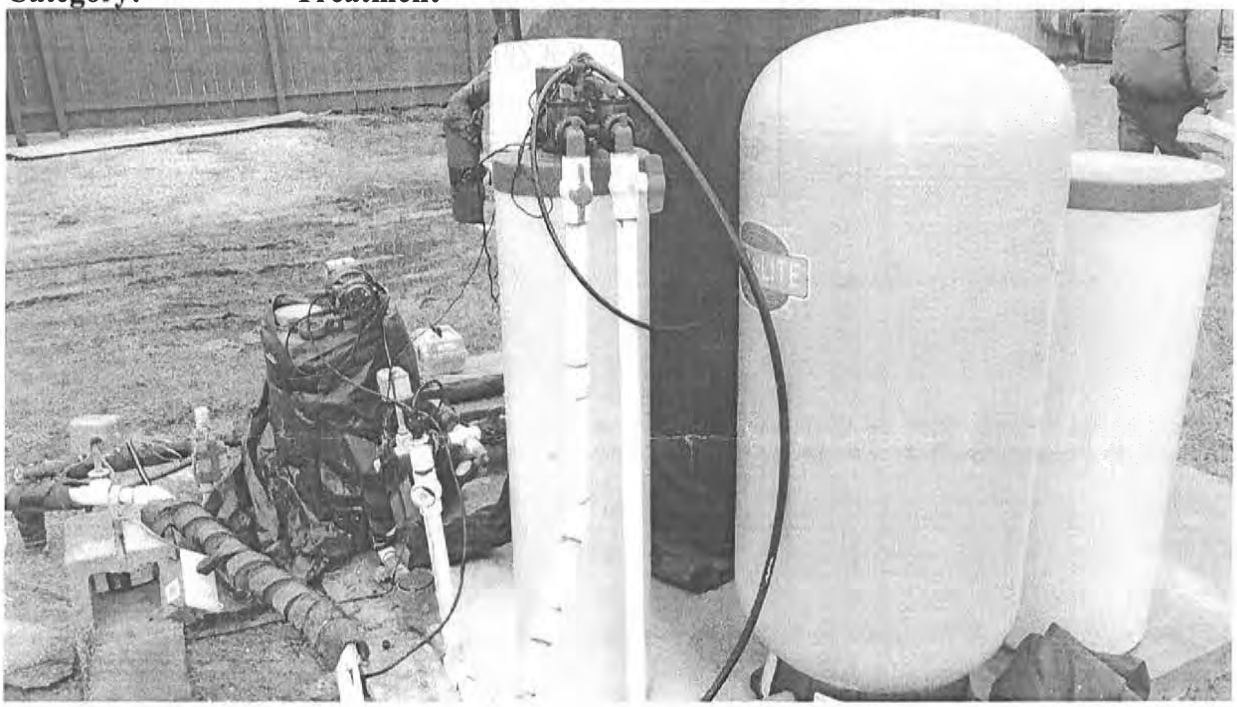
Attachment A.1. **Fencing for Water Facilities**
Facility ID: Management
Category: **Security**



Attachment A.2. **Fencing for Water Facilities**
Facility ID: Management
Category: **System Management and Operation**



Attachment A.3. **Treatment Plant – Container exposed to sunlight & missing label**
Facility ID: TP001
Category: **Treatment**



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 3302

October 21, 2019

Kevin Burns
RIVER CHURCH WATER SYSTEM
476 Podrasky Road
Lake Charles, La 70607, LA 70607

Re: Class I Sanitary Survey
RIVER CHURCH WATER SYSTEM Public Water System
PWS ID LA2019162
CALCASIEU Parish

Dear Mr. Burns:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 21, 2019 sanitary survey inspection of the public water supply system for RIVER CHURCH 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
Austin Booth	Booth 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
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The hose at the building near the MRT location 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; it is unclear that this feature is available at this point of usage. A control valve placed at the end of 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, if one is not currently present. The point of usage must be free of potential influence since it is closely aligned with the bacteriological sampling location. **See Attachment A.1.**
FACILITY	CATEGORY	FINDINGS
2019162-001 - WELL	Source	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.

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 or 5) office a copy 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.

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: 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 Engineer

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

Attachments:

Attachment A.1. **Cross Connection & Undue Influence**
Facility ID: **DS0950 - DISTRIBUTION SYSTEM**
Category: **Distribution System**



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 3319

October 21, 2019

Rahim Hashim
GRAB N GEAUX WATER SYSTEM
6830 Tom Hebert Road
Lake Charles, LA 70607

Re: Class I Sanitary Survey
GRAB N GEAUX WATER SYSTEM Public Water System
PWS ID LA2019163
CALCASIEU Parish

Dear Mr. Hashim:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 21, 2019 sanitary survey inspection of the public water supply system for GRAB N GEAUX 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
Austin Booth	Booth 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

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The tap (handwashing sink) provided is not conducive to proper bacteriological sampling. The tap must be smooth nosed and draw water directly from the piping system without any undue influences. Establish an approved smooth nosed sampling tap. Please consult with LDH about acceptable placement and alignment with respect to the available premise plumbing. If not completed, the water system could receive a monitoring violation that requires public notice to all customers. LDH Region 5 engineering staff can be reached by phone at (337) 475-3214 to discuss appropriate locations for the TCR tap. **See Attachment A.1.**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	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 manufacturer on the chemical feed 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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to 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 sample tap is not a smooth nosed sample tap. The point of entry tap must be smooth nosed, which is suitable for obtaining samples for bacteriological and chemical analysis.

Written Response Required

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 Engineer

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

Attachments:

Attachment A.1. **Unapproved TCR Sampling Location**
Facility ID: **DS0950 - DISTRIBUTION SYSTEM**
Category: **Distribution System**



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 2671

March 8, 2019

William Rase
LAKE CHARLES HARBOR TERMINAL DISTRICT WS
P.O. Box 3753
Lake Charles, LA 70602

Re: Class I Sanitary Survey
LAKE CHARLES HARBOR TERMINAL DISTRICT WS Public Water System
PWS ID LA2019165
CALCASIEU Parish

Dear Mr. Rase:

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 LAKE CHARLES HARBOR TERMINAL DISTRICT 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
Solomon Angwafo	OPH-Region V Engineering
James Deculus	Lake Charles Harbor & Terminal

NOTICE OF VIOLATIONS

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

The following list 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 current monitoring plan for the water system needs to be updated. This task can be accomplished by logging into the Monitoring Plan Portal (MPP) at the following link: https://www.ldhh-mpp.org/. During the survey, it was noted that the map needs to be updated to reflect the addition of the 2 points of entries (POE) locations (approved point for sample already available). The monitoring plan will be returned for the addition of the POE locations by the water system and relocated TCR-003. For assistance, please feel free to call me at 1-337-475-3232.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The valve/injection pit at the South Water Plant Site is flooded with water of a questionable quality. The valve/injection 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 A.1.)***
FACILITY	CATEGORY	FINDINGS
1019113-002 - WELL #2 - SOUTH WATER PLANT	Source	The well is not equipped with a sanitary seal. A sanitary seal of the appropriate size must be provided to prevent the entrance of contamination into the well casing and discharge piping. ***(See Attachment A.2.)***

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of the survey, there was an unapproved sample point serving as a TCR site, located on the southeastern corner of the building north of Well #2 treatment plant. The site is connected to Well #2 prelube line and cannot serve as a sampling location representing the distribution system. Please discontinue the use of this site. An additional point for sampling must be developed downstream of the POE location. Please consult with this office about a new TCR location.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Not all TCR taps used for chemical and bacteriological sampling within the distribution system are approved taps. 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. MRT- 007 (S/B 10 sample station) is a threaded tap and double sided. TCR - 003 (Command Center) is damaged and share piping with other points of use. TCR - 004 (Crowley Office) could not be located. Please check and configure all TCR sampling stations to support monitoring only without any undue influences. ***(See Attachments A.3. and A.4.)***
FACILITY	CATEGORY	FINDINGS
1019113-002 - WELL #2 - SOUTH WATER PLANT	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. Replace the air relief valve screening to prevent the entrance of contaminants.
FACILITY	CATEGORY	FINDINGS
1019113-002 - WELL #2 - SOUTH WATER PLANT	Source	The well is equipped with a casing vent that does not meet the applicable standard. 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 A.5.)***
FACILITY	CATEGORY	FINDINGS
1019113-002 - WELL #2 - SOUTH WATER PLANT	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. ***(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.

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

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 337-475-3232.

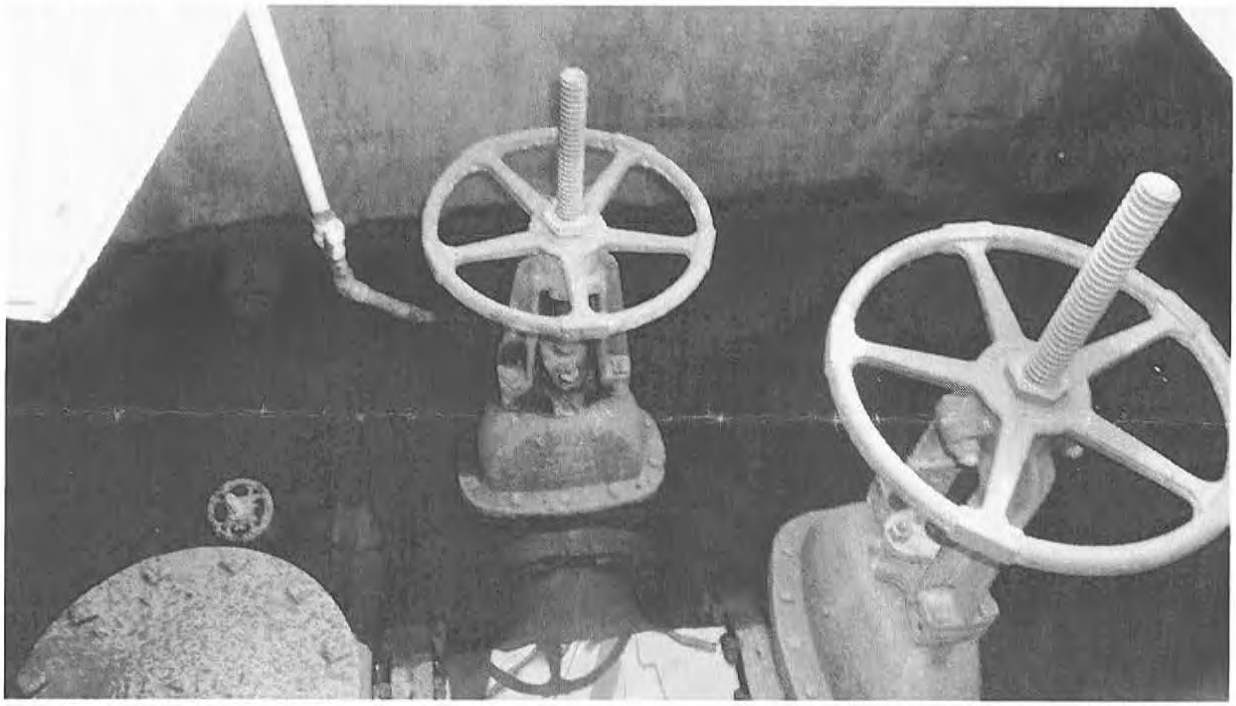
Respectfully,



Solomon Angwafo, E.I.
Engineer Intern

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

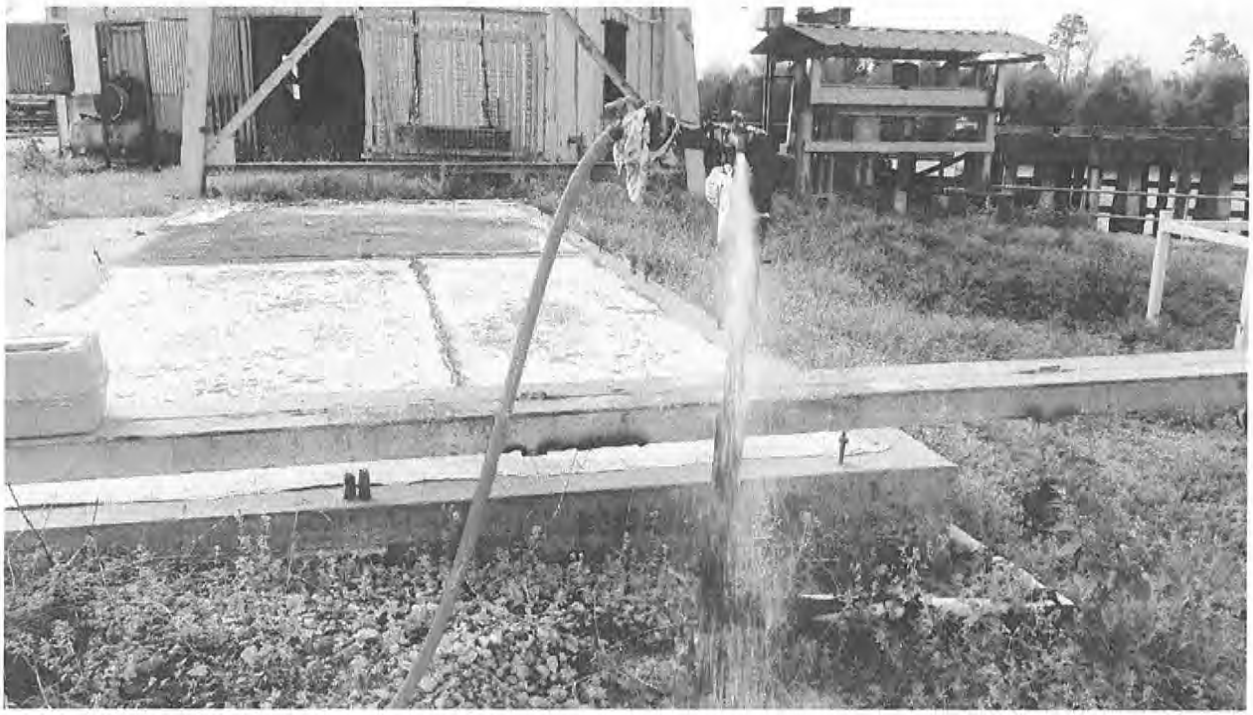
Attachment A.1. **Chemical Injection Pit - Flooded**
Facility ID: TP001 – TP for Well 2
Category: Treatment



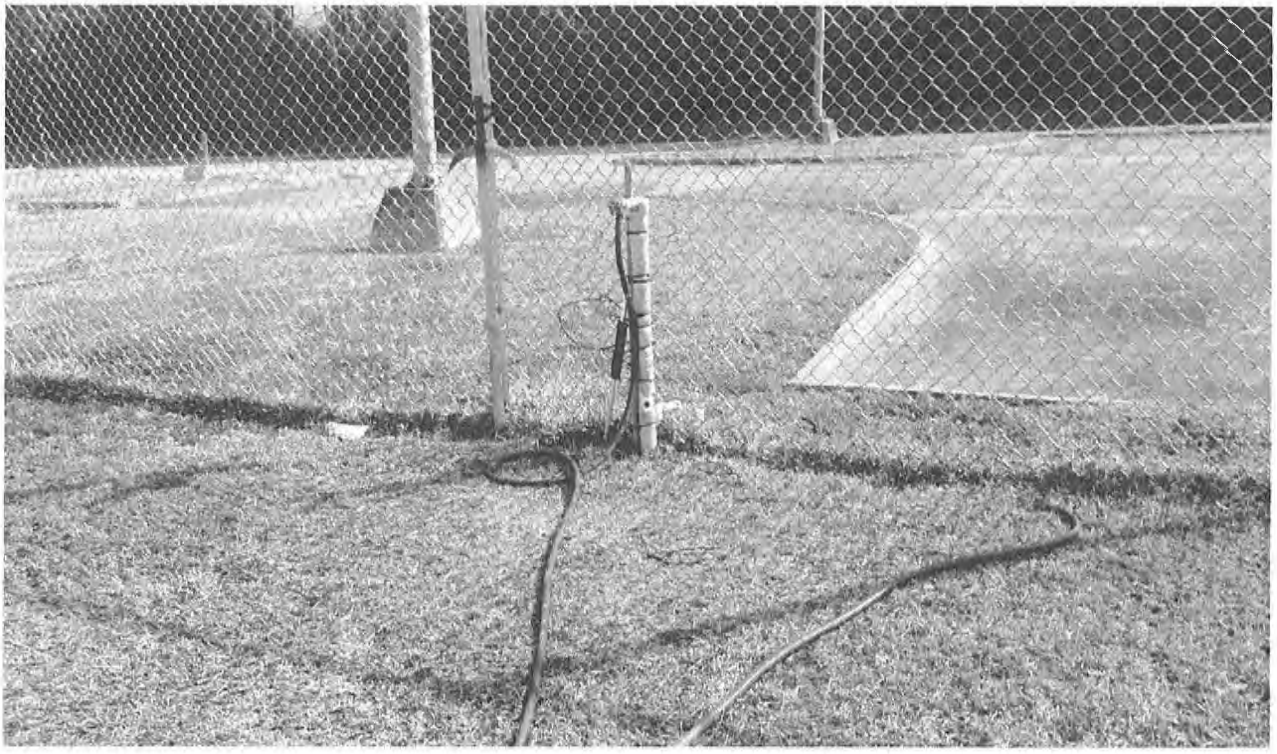
Attachment A.2. **Well #2 – Well casing corroded and sanitary seal**
Facility ID: Well #2
Category: **Source**



Attachment A.3. **Distribution system sampling point – other points of use**
Facility ID: MRT -007 - S/B 10
Category: Distribution System



Attachment A.4. **Distribution system sampling point – damaged/other point of use**
Facility ID: TCR – 003 - Command Center
Category: Distribution System



Attachment A.5. **Well #2 – Well casing vent opening not of appropriate height**
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: 7018 1830 0000 4149 3692

January 30, 2019

Mike Clark
MAPLEWOOD PLACE PARK WATER SYSTEM
400 Arvel Loop
Sulphur, LA 70665

Re: Class I Sanitary Survey
MAPLEWOOD PLACE PARK WATER SYSTEM Public Water System
PWS ID LA2019167
CALCASIEU 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 January 22, 2019 sanitary survey inspection of the public water supply system for MAPLEWOOD PLACE 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
Solomon Angwafo	OPH-Region V Engineering
Victor Allemand	Maplewood Place Park
Jesse Bertrand	C-K Associates, 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).

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

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The set-ups for water disinfection for Well #1 and Well #2 are ineffective. The port for sodium hypochlorite tubing does not connect directly to the water mains from each Well. The current set-up encounters resistance due to pressure, disabling the injection of the chemical solution into the water main, as the Well operates. A direct connection of the chemical port to the water main will boost Chlorine residual in the finished water. The injection points need to be reworked. The engineer should be consulted with changes to be in line with proposed plans. **(See Attachments A.1. & A.2.)**
FACILITY	CATEGORY	FINDINGS
2019167-001 - WELL #1 - EAST	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 Attachment A.3.)**
FACILITY	CATEGORY	FINDINGS
2019167-002 - WELL #2 - WEST	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 Attachment A.4.)**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The electrical wiring for Well #1 - East and Well #2 - West submersible pumps are currently unprotected. Provide conduits for the pumps electrical wiring with an adequate watertight connection at the entrance through the well casing sanitary seal to eliminate possible contamination into the well. **(See Attachments A.3. and A.4.)**

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION	Distribution System	All TCR taps used to collect routine coliform samples are double-sided connections of a hose bib. 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 Attachment A.5.)**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	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 manufacturer on the chemical feed tank.
FACILITY	CATEGORY	FINDINGS
2019167-002 - WELL #2 - WEST	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 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 A.7.)**
FACILITY	CATEGORY	FINDINGS
2019167-001 - WELL #1 - EAST	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 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 A.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
TP001 - TREATMENT PLANT	Treatment	The point of entry sample tap is not a smooth nosed sample tap. The point of entry tap must be of the smooth nozzle type suitable for obtaining samples for bacteriological and chemical analysis. The POE tap must also 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. **(See Attachment A.6.)**

Written Response Required

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

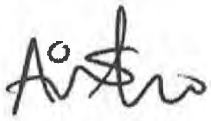
No maximum contaminant level violations were reported in the past year.

Other Violations during the past year

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 337-475-3232.

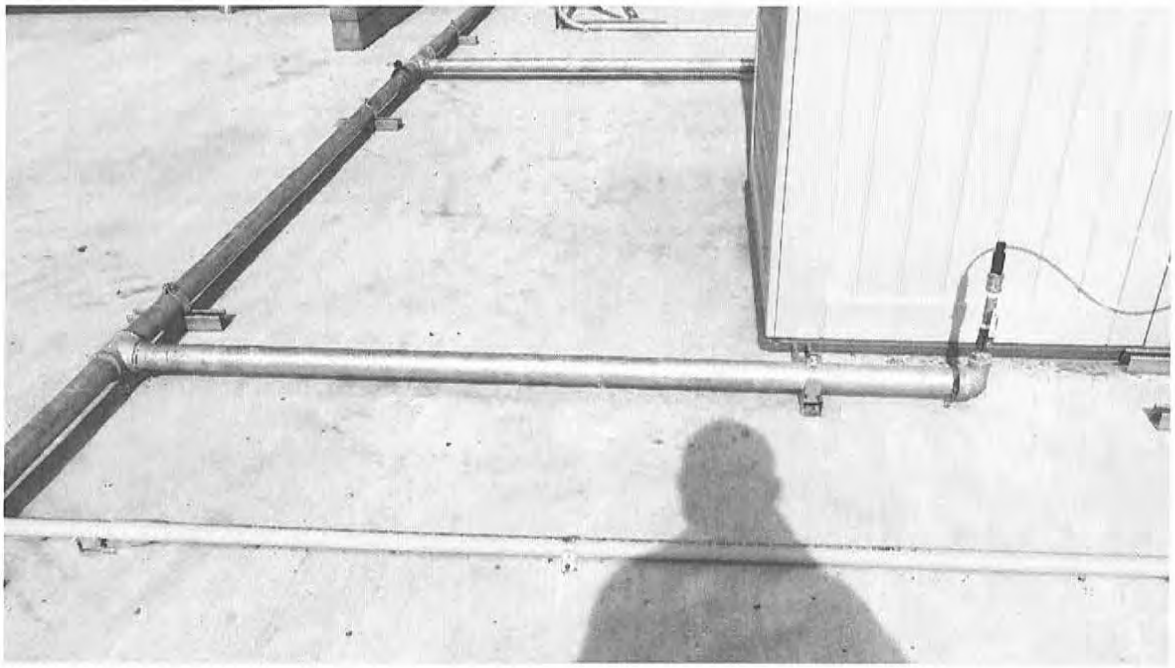
Respectfully,



Solomon Angwafo, E.I.
Engineer Intern

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

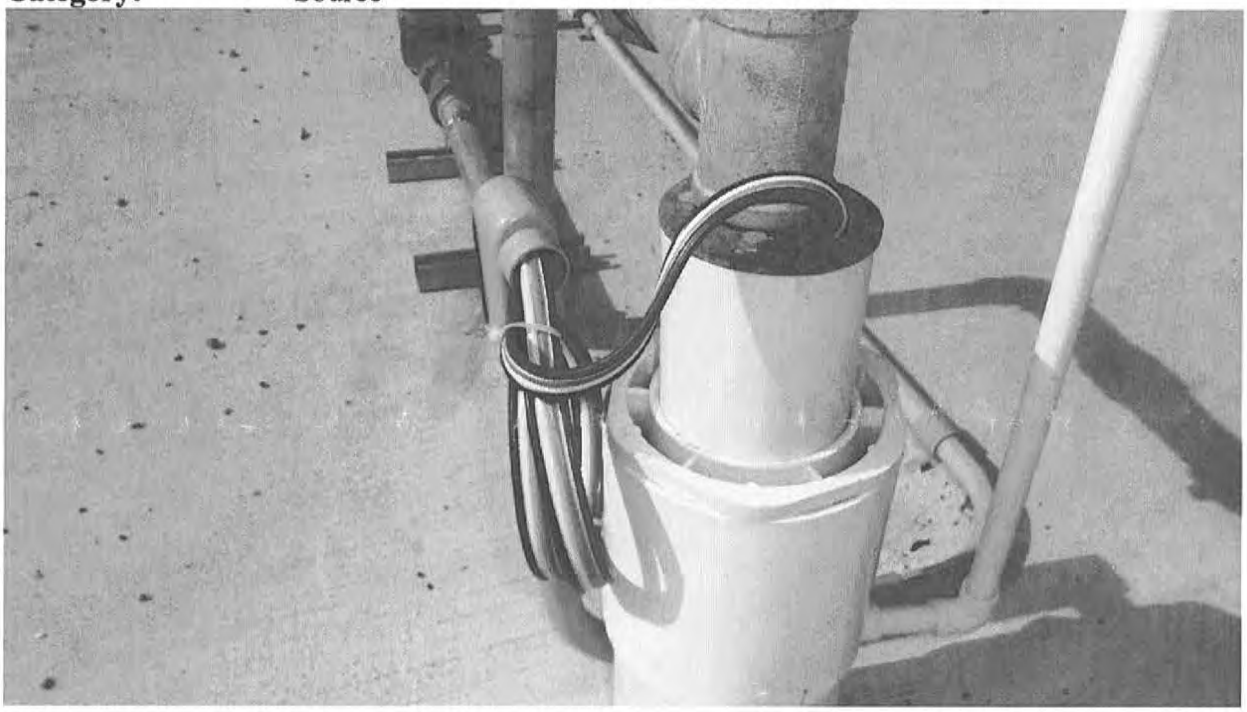
Attachment A.1. **Ineffective Chemical injection setup for Well #2**
Facility ID: TP001 – TP for Wells 1 and 2
Category: Treatment



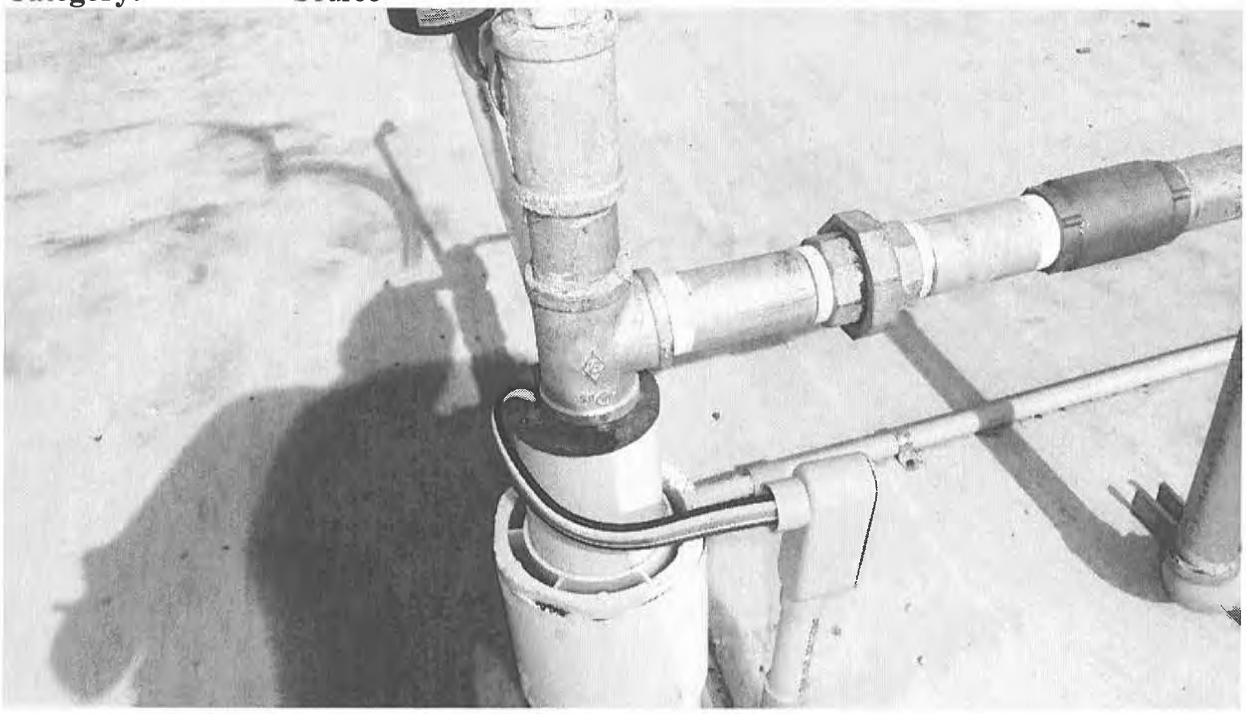
Attachment A.2. **Ineffective Chemical injection setup for Well #1**
Facility ID: TP001 – TP for Wells 1 and 2
Category: Treatment



Attachment A.3. **Casing Seal – Void space and missing electrical conduit**
Facility ID: 2019167-001 – Well #1 – East
Category: Source



Attachment A.4. **Casing Seal – Void space and missing electrical conduit**
Facility ID: 2019167-002 – Well #2 – West
Category: Source



Attachment A.5. **Double-sided connections for TCR Site and unapproved tap**
Facility ID: TCR- 001
Category: Distribution System



Attachment A.6. **Air Relief – Unscreened & Construction**
Facility ID: 2019167-001 – Well #1 – East
Category: Source



Attachment A.7. **Air Relief – Unscreened & Construction**
Facility ID: 2019167-002 – Well #2 – West
Category: Source

RECEIVED



Attachment A.8. **POE Tap – requires smooth nose tap and proper location**
Facility ID: TP001 – TP for Wells 1 and 2
Category: Distribution System



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 3067

October 8, 2019

Debrah Myers
Pine Ridge RV Park Water System
6004 Farm Rd
Iowa, LA 70647

Re: Class I Sanitary Survey
Pine Ridge RV Park Public Water System
PWS ID LA2019168
CALCASIEU Parish

Dear Ms. Myers:

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 Pine Ridge 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**
Solomon Angwafo	OPH-Region V Engineering
Eric Lormand	Pine Ridge RV Resort
Chad Perry	Ivery Enterprises, 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
2019168-001 - WELL #1	Source	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. ***(Please see attachment A.1)***

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	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 manufacturer on the chemical feed tank.
FACILITY	CATEGORY	FINDINGS
2019168-001 - WELL #1	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 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. ***(Please 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.

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

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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
Engineer Intern

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

Attachments

Attachment A.1 **Casing vent relief pipe missing 24 mesh corrosion resistant screen**
Facility ID: **2019168-001 - Well #1**
Category: **Source**



Appropriate screening mesh needed

Attachment A.2 **Air release-vacuum relief valve pipe not screened and not equipped with relief piping in the proper orientation**

Facility ID: **2019168-001 - 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: 7018 1830 0000 4149 3623

January 16, 2019

Kaili Patterson
LACC WATER SYSTEM
P.O. Box 1316
Westlake, LA 70669

Re: Class I Sanitary Survey
LACC WATER SYSTEM Public Water System
PWS ID LA2019170
CALCASIEU Parish

Dear Ms. Patterson:

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 LACC 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**
Solomon Angwafo	OPH-Region V Engineering
Taylor Vincent	C-K Associates, 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
DS0950 - DISTRIBUTION	Distribution System	The water system has installed a reduced pressure principle backflow preventer for the administrative building. It was unclear during the survey, if this device was tested upon installation. All cross connection control devices must be tested upon installation and annually thereafter. Please provide documentation that this device and any others were tested when installed. Testing must be continued annually between sanitary survey visits. ***(See attached A.1)***

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION	Distribution System	There are currently some unapproved taps within the distribution system being used for chemical and bacteriological sampling. Sample taps used for collecting samples must be smooth nozzle type and installed with a downturned orientation. Replace the threaded taps with smooth nozzle sample taps to decrease the possibility of submitting samples that test positive for coliform, which would result in a violation and public notification by the water system. ***(See attached A.1)***
FACILITY	CATEGORY	FINDINGS
2019170-001 - WELL #1	Source	The well's discharge piping is not equipped with a flow-measuring device. A means of measuring flow must be provided. Install a device or monitoring methods to measure flow from the well on the well's discharge piping upstream of the check valve to detect any changes in operating conditions. ***(See attached 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	The point of entry (POE) sample tap needs to be relocated for proper sampling. The tap must be located after all treatment processes, storage, and pumping facilities on a common pipe leading to the distribution system and prior to the first point of use. The POE sampling site should be truly representative of the water being supplied to the facility. The current sample tap on the storage tank should be maintained to facilitate the collection of tank samples for bacteriological and chemical analysis, as needed. Please installed a smooth nozzle POE sample tap on the horizontal portion of piping leading to the distribution system after the service pump and before the first point of 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 – 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

No other violations were reported in the past year.

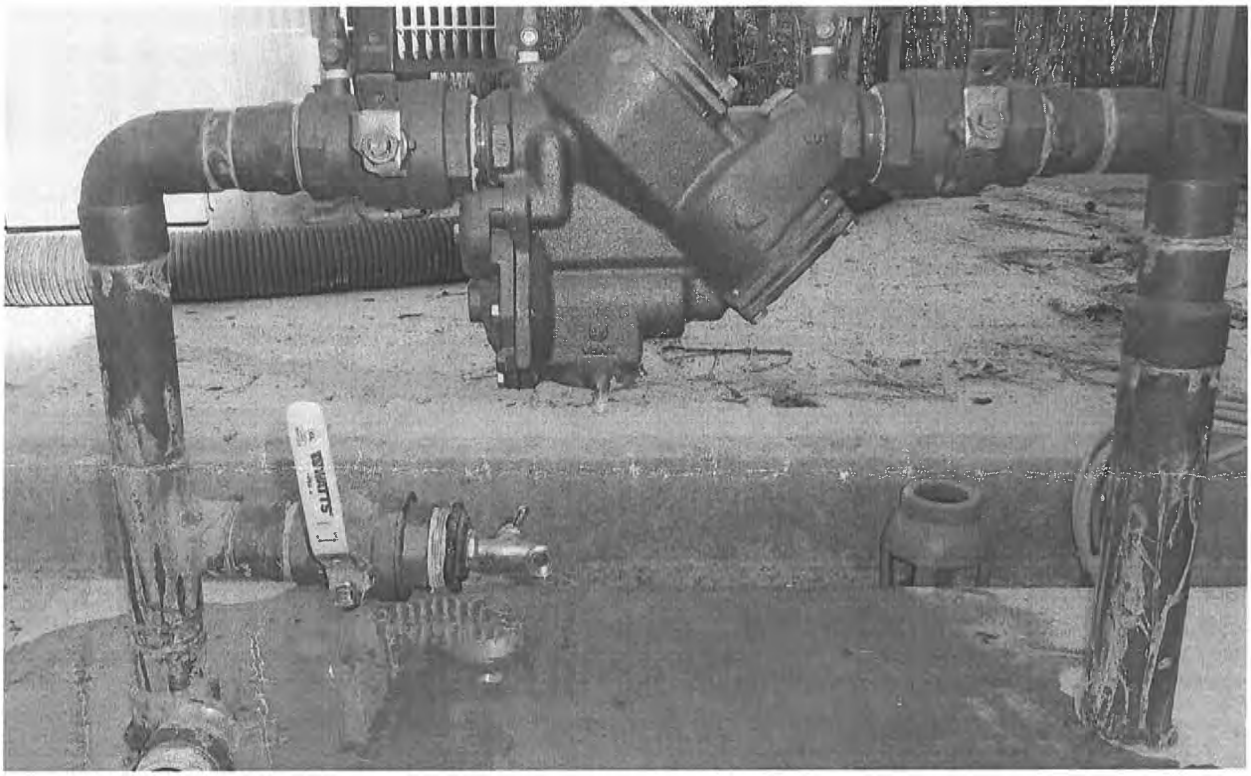
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
Engineer Intern

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

Appendix



A.1 - RPZ for Admin. Building – Testing of device required upon installation and annually thereafter and threaded sample tap - unapproved for sample collection.

Facility ID: Distribution

Category: Distribution System



A.1 - **Well № 1 – Missing a flow measuring device**

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: 7018 1830 0000 4149 3647

January 16, 2019

Rahim Hashim
GRAB N GEAUX #4 WATER SYSTEM
6830 Tom Hebert Road
Lake Charles, LA 70607

Re: Class I Sanitary Survey
GRAB N GEAUX #4 WATER SYSTEM Public Water System
PWS ID LA2019171
CALCASIEU Parish

Dear Mr. Hashim:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 10, 2019 sanitary survey inspection of the public water supply system for GRAB N GEAUX #4 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
Solomon Angwafo	OPH-Region V Engineering
Reggie Babineaux	OPH-Region V Engineering
Austin Booth	Booth 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
DS0950 - DISTRIBUTION	Distribution System	The well discharge piping has a hose bib installed that does not have an atmospheric vacuum breaker attached to its end. An atmospheric vacuum breaker must be installed on the hose bib to protect against contamination. A hose having a control valve placed at the end and connected to the bib having the proper protection still voids this protection. A hose with or without a control valve, should always be removed and stored when not being used.
FACILITY	CATEGORY	FINDINGS
2019171-001 - WELL #1	Source	Tape has been used in lieu of an electrical conduit for the well's cable. The tape can create a void allowing for possible contamination of the source. Provide a conduit for the pump's electrical wiring with an adequate watertight connection at the entrance through the wells casing sanitary seal to eliminate possible contamination into the well. ***(See Appendix A.1)***

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION	Distribution System	At the time of the survey, there was not an approved sample tap for the MRT location. The water system plans to install a sample tap at an agreed location within the building. Taps used for collecting chemical and bacteriological samples must be of the smooth nozzle type. Please update this office when this task has been completed.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	The chemical feed tank is not properly labeled. The chemical feed tank must be labeled with the name of the chemical being injected for water disinfection. Provide a label from the manufacturer on the chemical feed tank. ***(See Appendix A.3)***
FACILITY	CATEGORY	FINDINGS
2019171-001 - WELL #1	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 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. There is another air relief valve along the raw water piping that requires proper orientation and screening within the board fencing. ***(See Appendix 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.

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

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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
Engineer Intern

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

Appendix



A.1 - Tape use in place of proper electrical conduit.

Facility ID**: Well #1**

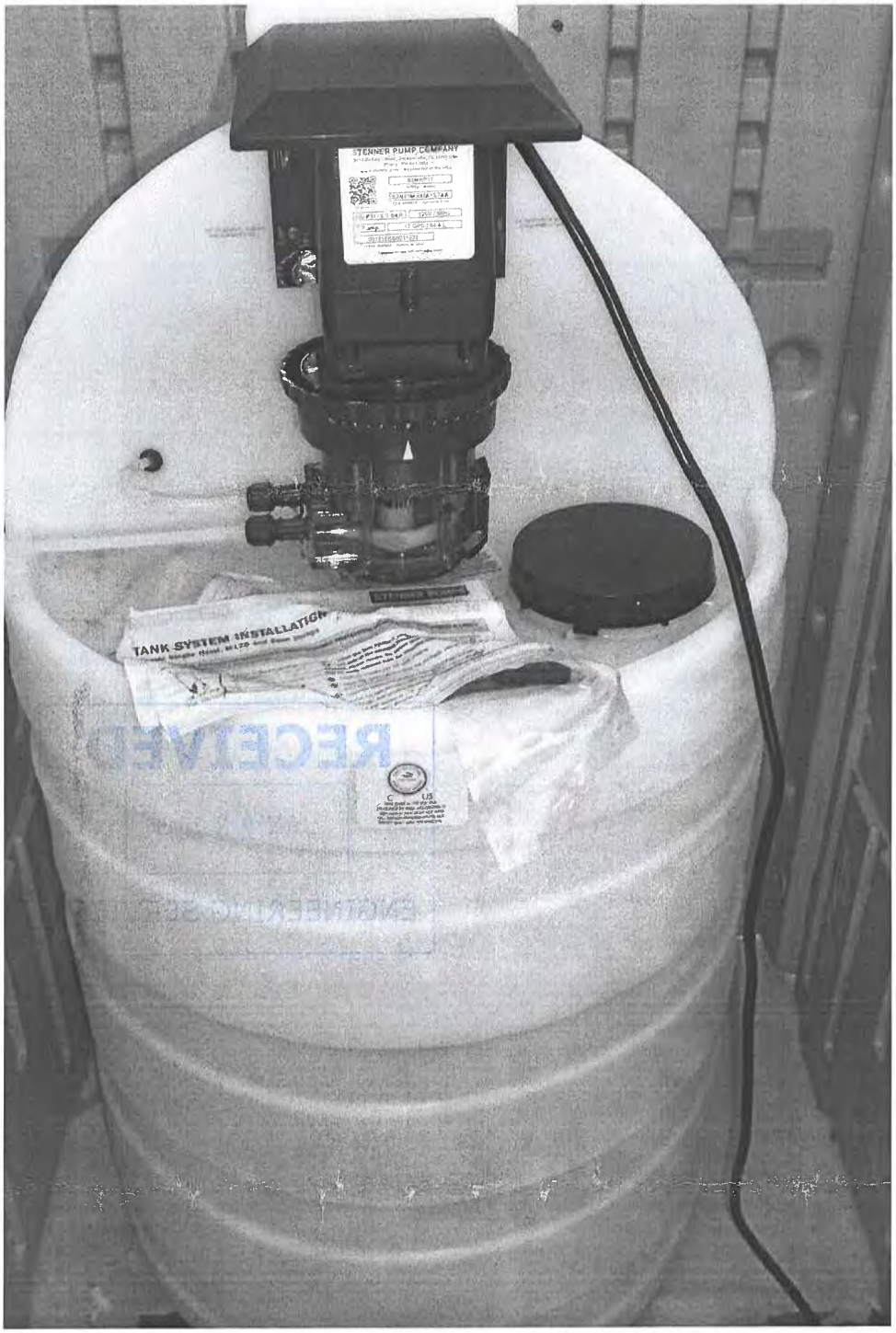
Category**: Source**



A.2 - Air release-vacuum relief valve unscreened.

Facility ID**: Well #1**

Category**: Source**



A.3 – Chemical Storage Tank - Missing label.

Facility ID**: Treatment plant for Well #1**

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 5167

March 13, 2019

Jonathan Vallette
CAJUN OASIS WATER SYSTEM
3380 Sand Pit Road
Vinton, LA 70668

Re: Class I Sanitary Survey
CAJUN OASIS WATER SYSTEM
PWS ID LA2019173
CALCASIEU Parish

Dear Mr. Vallette:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 8, 2019 sanitary survey inspection of the public water supply system for CAJUN OASIS 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
Buford Mooney	Cajun Oasis 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.

COPY

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	A total coliform monitoring plan has not been completed. A total coliform Monitoring Plan must be completed. The OPH Region 5 Engineering staff can be reached by phone at (337) 475-3214 about the review and approval of the plan. The water system can complete the required plan by logging into the Monitoring Plan Portal on LDH's website using the following link: https://www.ldhh-mpp.org/ Access credential have already been provided.
FACILITY	CATEGORY	FINDINGS
Management	Security	There is no protective fencing and/or housing around the well and storage tank. A fence, capable of being locked, must be constructed around all aspects of the public water supply. The fence shall be resistant to climbing and at least 6 feet high. **(See Attachment A.1.)**
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).
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION	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. **(See Attachment A.2.)**

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION	Distribution System	The well discharge piping has a hose connection that does not have an atmospheric vacuum breaker installed. An atmospheric vacuum breaker must be installed on the hose bib to protect against contamination. A control valve left on the end of any hose attached at this point voids this protection. A hose if used, with or without a control valve, should be removed and stored when not being used. **(See Attachment A.3.)**
FACILITY	CATEGORY	FINDINGS
2019173-001 – WELL #1	Source	The casing seal has void spaces. 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 Attachment A.4.)**
FACILITY	CATEGORY	FINDINGS
2019173-001 – WELL #1	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 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 A.5.)**

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 5 office a copy of the next three (3) months of properly recorded, chlorine residual forms.

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	There are no taps in the distribution system for sample collection. At least five (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 LDH Region 5 Engineering staff for assistance with the location of these points.
FACILITY	CATEGORY	FINDINGS
2019173-001 - WELL #1	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 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 A.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 - TREATMENT PLANT	Treatment	1. The point of entry sample tap is not a smooth nosed sample tap. The point of entry tap must be smooth nosed, which is suitable for obtaining samples for bacteriological and chemical analysis. 2. 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 horizontal piping leaving the hydropnematic tank prior to service to any RV park space. See exhibit. Contact this office at 1-337-475-3214, if clarification is needed. 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. **(See Attachment A.6. & A.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 – 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. **Facilities Not Fenced**
Facility ID: **Management**
Category: **Security**



Attachment A.2. **Dual Check Valves Needed**
Facility ID: **DS0950 – Distribution System**
Category: **Distribution System**



Attachment A.3. **Cross Connection Device Needed**
Facility ID: **DS0950 – Distribution System**
Category: **Distribution System**



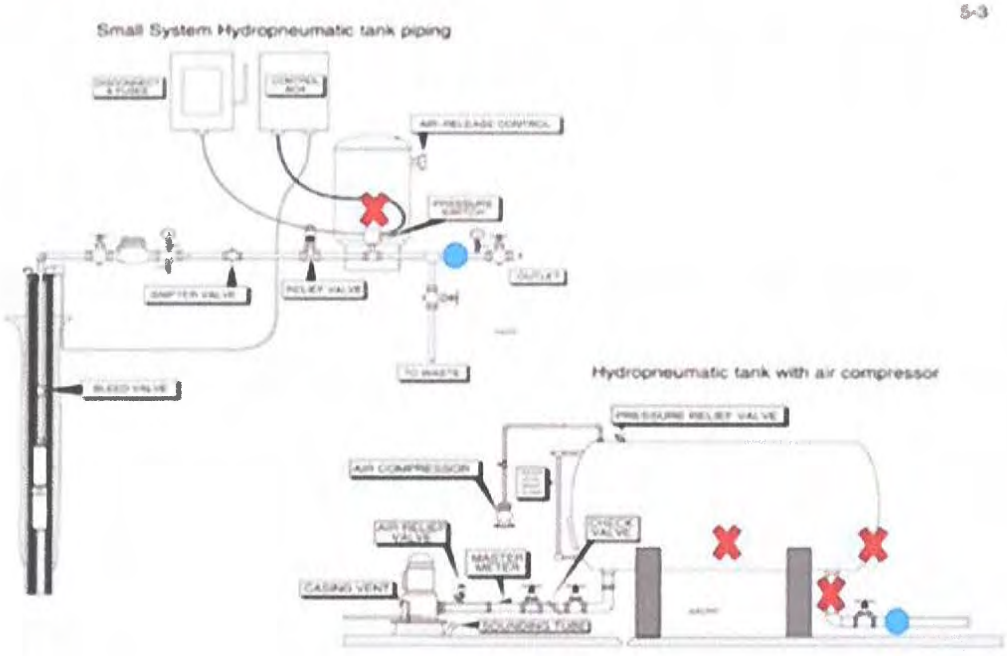
Attachment A.4. **Voids in Casing Seal**
Facility ID: **2019173-001 - WELL #1**
Category: **Source**



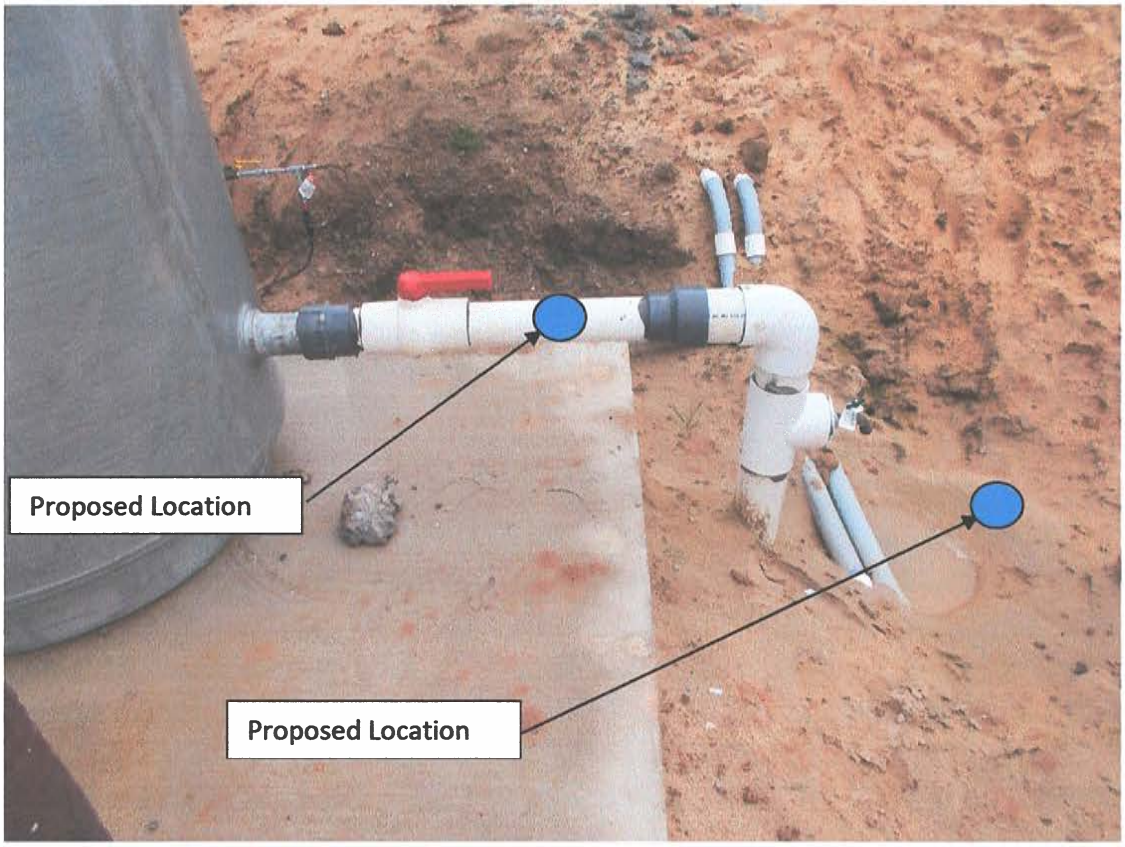
Attachment A.5. **No Sample Tap & Unscreened Air Relief with Missing Discharge Piping**
Facility ID: **2019173-001 - WELL #1**
Category: **Source**



Attachment A.6. **POE (Blue Dots Support approved location.)**
Facility ID: **TP001 - TREATMENT PLANT**
Category: **Treatment**



Attachment A.7. **POE (Approved location shown in blue.)**
Facility ID: **TP001 - 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 0530 0000 1957 6157

August 5, 2019

Donald Duberville
TOOMEY REST AREA WATER SYSTEM
5827 Highway 90 E
Lake Charles, LA 70615

Re: Class I Sanitary Survey
TOOMEY REST AREA WATER SYSTEM Public Water System
PWS ID LA2019174
CALCASIEU Parish

Dear Mr. Duberville:

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 TOOMEY REST AREA 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
Jodie Smith	Toomey Rest Area 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

COPY

the water delivered to consumers. See 40 C.F.R §§ 141.403(a)(4)(GWR) and 141.723(b) (SWTR).

The following list 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	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.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	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.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE	Finished Water Storage	The finished water storage facility (ground storage 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 ground storage tank in a downturned direction to facilitate the collection of water samples for bacteriological and chemical analyses, when 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.

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	The water system has chosen a monochromatic painting scheme for the piping supporting the water production facilities. The pipes should be labeled to support the quality of water in each pipe. Directional arrows to distinguish the flow of water should be incorporated.

Written Response Required

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 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:7016 2710 0000 4927 6477

October 28, 2019

Mayor Chad Coates
Clarks Water System
P O Box 360
Clarks, LA 71415

Re: Class I Sanitary Survey
Clarks Water System
PWS ID LA1021001
CALDWELL Parish

Dear Mr. Coates:

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 Clarks 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
Thomas Benson	Village Of Clarks

NOTICE OF VIOLATIONS

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

The following list 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
05/22/2017	05/25/2017	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: At the time of the inspection, it was noted the Town of Clarks has implemented a cross connection control program, however this program has not yet been implemented and enforced. The State Plumbing Code listed the types of customers and operations which require the need of a cross connection control device listed in Appendix D on Tables D104 & 105. The Town of Clarks is responsible for tracking the devices installed at those customers' meters. Only licensed plumbers with backflow prevention riders on their licenses can perform installations of backflow devices (the town need a written statement from this plumber to verify the work was completed correctly). From that point on, these customers must have annual verification of these devices by qualified individuals (licensed plumbers with backflow prevention riders on their licenses and licensed backflow specialists who can test the device).					

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	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
Management	Other	Excessive vegetation is growing on the fence and around well #3. Please trim vegetation to reduce hazard to security fence and maintain to prevent future growth. **See Attachment #1 and #2**

FACILITY	CATEGORY	FINDINGS
GR001 - GST @ PLANT	Finished Water Storage	At the time of the inspection, there was evidence of a small leak in the sidewall of the Ground storage tank. The system shall repair leak and inspect the rest of the tank for potential leaks.
FACILITY	CATEGORY	FINDINGS
GR001 - GST @ 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. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	From review the finished water storage facilities elevated towers 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 @ PLANT	Finished Water Storage	The overflow for the ground storage tank does not discharge between 12 and 24 inches above the ground. The discharge must discharge between 12 and 24 inches above the ground, over a splash plate or drainage inlet structure to prevent erosion around the foundation of the GST that could comprise the structural integrity of the tower. **See Attachment #6**
FACILITY	CATEGORY	FINDINGS
TP001 - MAIN TREATMENT PLANT	Treatment	1. 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 he did not know the last time the filters had been rehabilitated. The filters should be evaluated for media replacement and refurbishment. 2. At the time of inspection, the operator stated that the Greensand filters were backwashed every 48 hours, 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. 3. An inspection period of 3 to 5 years is recommended for all potable water tanks. The water system has no recent inspections to support the overall health of the filter tanks interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of filter tanks could benefit from an inspection **See Attachment #4 and #5**

FACILITY	CATEGORY	FINDINGS
TP001 - MAIN TREATMENT PLANT	Treatment	The ventilating fan is currently not 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
1021001-002 - WELL #2 (STAND-BY)	Source	The well is equipped with a master meter that appears not to be functioning properly. The well must be equipped with a working master 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 TREATMENT 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 – 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
8003018	05/08/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	04/01/2019 - 04/30/2019
8003017	02/05/2019	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 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

Category: Other

Attachment Comments: Small Tree by Well Discharge pipe



Attachment #2

Severity: Minor

Category: Other

Attachment Comments: Small Trees in Fence

Office of Public Health ▪ Central Region VI
5604-B Coliseum Boulevard ▪ Alexandria, Louisiana 71303
Phone #: 318-487-5282 ▪ Fax #: 318-487-5338 ▪ www.ldh.la.gov
"An Equal Opportunity Employer"



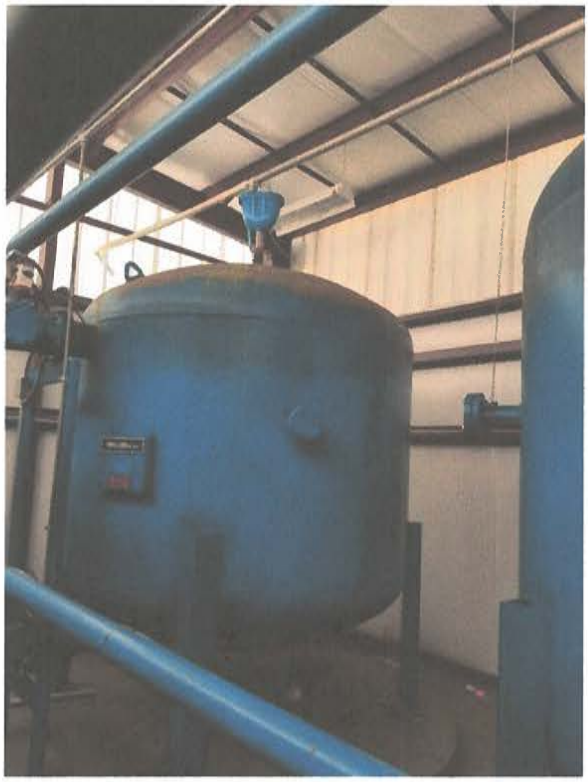
Attachment #3

Severity: Minor

Facility ID: GST @ PLANT

Category: Finished Water Storage

Attachment Comments: Small Leak on Side of GST



Attachment #4

Severity: Minor

Facility ID: MAIN TREATMENT PLANT

Category: Treatment

Attachment Comments: Rust on top of filter tank



Attachment #5

Severity: Minor

Facility ID: MAIN TREATMENT PLANT

Category: Treatment

Attachment Comments: Rust on top of second Filter Tank



Attachment #6

Severity: Minor

Facility ID: GST @ PLANT

Category: Finished Water Storage

Attachment Comments: Overflow not between 12 and 24 inches above splash pad

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 8525** – Return Receipt Requested

August 23, 2019

Richard Meredith
Columbia Water System
Post Office Box 10
Columbia, LA 71418

Re: Class I Sanitary Survey
Columbia Water System
PWS ID LA1021002
Caldwell Parish

Dear Mr. Meredith:

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 the Columbia 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
Jessie Sanders	Town of Columbia

NOTICE OF VIOLATIONS

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

The following list 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
07/06/2017	07/17/2017	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: 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.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/06/2017	07/17/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED
Comments: At the time of the inspection, it was noted the older elevated storage tank was rusting. Have the tank painted to protect it from corrosion.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1021002-002 - WELL 8	Source	At the time of inspection, there appeared to be a significant amount of rust and corrosion around the well casing, and watershed from the surrounding area had pushed dirt, debris, and pine straw onto the concrete pad surrounding the casing. In addition, it was not apparent if the well casing seal was sufficient to prevent the introduction of contamination into the well. The well casing seal should be inspected by qualified personnel, and the casing should be cleaned and painted to prevent further corrosion. The concrete pad should be cleaned off regularly to prevent excess moisture around the casing from accelerating the rusting process. (See Attachment No. 1)
FACILITY	CATEGORY	FINDINGS
1021002-005 - WELL 11	Source	The well discharge piping was equipped with a threaded sample tap, which presents a pathway for contamination into the discharge piping. The threaded tap must be removed, replaced with a smooth

		nozzle type tap, or equipped with an atmospheric vacuum breaker to remove the potential cross-connection.
FACILITY	CATEGORY	FINDINGS
TP004 - WELL 8 10 & 11 TREATMENT	Other	The piping inside of the treatment plant building was equipped with a threaded sample tap, which presents a pathway for contamination into the piping. The threaded tap must be replaced with a smooth nozzle type tap or equipped with an atmospheric vacuum breaker to remove the potential cross-connection.
FACILITY	CATEGORY	FINDINGS
GR001 - GST (NORTH)	Leaks	At the time of inspection, the ground storage tank appeared to have a seep leak in the middle of a steel panel located on the bottom-far side of the tank. The leak must be repaired. (See Attachment No. 2)
FACILITY	CATEGORY	FINDINGS
EL001- ELEVATED	Leaks	The altitude valve for Elevated Tank EL001 at the main plant was leaking at the time of inspection. All potable water systems shall be designed, constructed and maintained to prevent leakage of water due to defective materials, improper jointing, corrosion, settling, impacts, freezing, or other causes. The altitude valve must be repaired or replaced to stop the leak. (See Attachment No. 3)

Deficiencies

FACILITY	CATEGORY	FINDINGS
1021002-005 - WELL 11	Source	The air release-vacuum relief valve was not screened at the time of inspection. The exhaust/relief piping must be covered with a 24 mesh corrosion resistant screen on the terminating end.
FACILITY	CATEGORY	FINDINGS
TP004 - WELL 8 10 & 11 TREATMENT	Treatment	At the time of inspection, water plant operations used a color-wheel type tester to determine Fe/Mn concentrations at an accuracy of 1.0 mg/L. Water systems with infrastructure designed to reduce iron or manganese levels in the water should have test equipment capable of measuring the iron content to a minimum of 0.1 mg/L and/or the manganese content to a minimum of 0.05 mg/L. Please notify this office when the proper test equipment has been acquired. The feed rates and dosages for zinc orthophosphate and caustic were unknown/not determined at the time of inspection. It is unknown if the products are being used in compliance with their NSF maximum use level. Please notify this office when the approximate feed rates and dosages are determined. The chemical feed pump for zinc orthophosphate 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 zinc orthophosphate chemical feed pump.
FACILITY	CATEGORY	FINDINGS
GR001 - GST (NORTH)	Finished Water	The ground storage tank did not have a smooth nozzle sample tap to facilitate collection of water samples for both bacteriological and

	Storage	chemical analysis. Install a smooth nozzle sample tap on the ground storage tank. The ground storage tank level indicator was broken at the time of inspection, and the tanks were not fitted with pressure gauges to determine the water level. Repair or replace the exterior level indicator or install a gauge to monitor the water level in the tank. The ground storage tank overflow pipe had its screen blown out and appeared to be in poor condition with some rust and corrosion occurring at the terminating end. If flapper valves are used, a screen must be provided inside the valve. Clean and paint the end of the tank overflow pipe and install a twenty-four mesh non-corrodible screen inside the valve/pipe. (See Attachment No. 4)
FACILITY	CATEGORY	FINDINGS
GR002 - GST (SOUTH)	Finished Water Storage	The ground storage tank did not have a smooth nozzle sample tap to facilitate collection of water samples for both bacteriological and chemical analysis. Install a smooth nozzle sample tap on the ground storage tank. The ground storage tank level indicator was broken at the time of inspection, and the tanks were not fitted with pressure gauges to determine the water level. Repair or replace the exterior level indicator or install a gauge to monitor the water level in the tank. The ground storage tank overflow pipe was missing a screen and appeared to be in poor condition with some rust and corrosion occurring at the terminating end. If flapper valves are used, a screen must be provided inside the valve. Clean and paint the end of the tank overflow pipe and install a twenty-four mesh non-corrodible screen inside the valve/pipe. (See Attachment No. 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
TP004 - WELL 8 10 & 11 TREATMENT	Treatment	Typical life expectancy for filter media is between 5-10 years. This is also dependent upon proper operations and service conditions. During inspection, the operator noted that the filters had not been rehabilitated since they were installed. The filters should be evaluated for media replacement and refurbishment. At the time of inspection, the operator stated that the Anthra-filt filters were backwashed every few days without consideration for head loss. Within 60 days of receipt of this survey, please provide written operation and maintenance specifications for the filters that includes recommended differential pressure across each filter, routine iron and/or manganese testing, testing required by the manufacturer, manufacturer specifications and requirements, etc. At the time of inspection, the shower/eye wash station inside the water plant was non-operational. Consideration should be given to the safety of water plant personnel and visitors in the event of a chemical spill. Please inspect and repair the shower/eye wash equipment to function properly.
FACILITY	CATEGORY	FINDINGS
Main Plant	System Management and Operation	Several large trees were noted inside the interior plant fencing, many of which could cause significant damage to critical infrastructure should one fall over during severe weather events. This Office recommends clearing the trees that are close to critical infrastructure.
FACILITY	CATEGORY	FINDINGS
GR001, GR002, 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.
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, mid, or high-range readings (depending on the normal operating range) 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, especially in systems with high iron/manganese levels in the raw water. 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
No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year
No monitoring violations were reported in the past year.

Maximum Contaminant 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 8 Casing



Attachment No. 2 – GR001 Seep Leak

Attachments (cont.)



Attachment No. 3 – EL001 Altitude Valve



Attachment No. 4 – GR001 Overflow Pipe



Attachment No. 5 – GR002 Overflow Pipe

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 9674** – Return Receipt Requested

January 29, 2019

Louis Champagne
Columbia Heights Water District
P O Box 631
Columbia, LA 71418

Re: Class I Sanitary Survey
Columbia Heights Water District Public Water System
PWS ID LA1021003
Caldwell Parish

Dear Mr. Champagne:

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 Columbia Heights 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
Tyler Lollis	LDH/OPH Engineering Region VIII
Ellis Spangler	Columbia Heights 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/04/2016	03/22/2016	Sanitary Survey, Finished	Minor	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: It was noted the valve boxes for the interconnections to the Wards 4 & 5, Village of Grayson and Holum water systems were all filled with water. There is a check valve noted in the meter box for the Wards 4 & 5 system. Check valves cannot be submerged in water. Remove water from meter boxes of the interconnections.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1021003-004 - WELL #5	Source	At the time of inspection, the Well #5 production piping, pump, and motor were pulled out, and the discharge piping was flanged off due to holes found in the production piping. The operator stated that the intent is to replace the entire downhole assembly and piping soon. If the well is not brought back online, the well must be plugged and abandoned properly in accordance with all applicable standards, rules, and regulations for the State of Louisiana. Please notify this office once the well repairs are completed and the well is ready for bacteriological and chemical sampling (if applicable) before placing the well back in service. (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
DS0950 - DISTRIBUTION SYSTEM	Distribution System	It was noted the valve boxes for the interconnections to the Wards 4 & 5 WS and Grayson WS were filled with water due to clogging of the valve box drain. There is a check valve noted in the meter box for the Wards 4 & 5 system. Check valves cannot be submerged in water. The drain must be resized to allow the standing water to drain properly. (See Attachment #2)

FACILITY	CATEGORY	FINDINGS
1021003-001 - WELL #2	Source	At the time of inspection, the paint on the Well #2 discharge piping was showing signs of flaking and fading in some areas. Paint provides physical protection from damage due to rust, corrosion, and pitting. The well discharge piping must be cleaned, treated, and painted to resist corrosion and deterioration that could lead to a potential source of contamination.
FACILITY	CATEGORY	FINDINGS
1021003-002 - WELL #3	Source	At the time of inspection, the paint on the Well #3 discharge piping was showing signs of flaking and fading in some areas. Paint provides physical protection from damage due to rust, corrosion, and pitting. The well discharge piping must be cleaned, treated, and painted to resist corrosion and deterioration that could lead to a potential source of contamination. (See Attachment #3)
FACILITY	CATEGORY	FINDINGS
1021003-002 - WELL #3	Source	The pressure gauge on Well #3 is broken. The well 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
TP001 - WELLS #2 #3 #4 #5 BLENDED	Treatment	A film of inorganic particles was noted all over the outside and the top of the inner walls of the open-top GAC filters. The operator stated that manganese and iron particles would spray over the top of the filter walls during backwash regardless of the backwash flow rate, creating the visible coating noted on the outside of the filters. A splash guard or similar device should be installed to prevent the spray from exiting the filter during backwash and allow ease of cleaning and maintenance of the filters. (See Attachments #4 & #5)

FACILITY	CATEGORY	FINDINGS
TP001 - WELLS #2 #3 #4 #5 BLENDED	Treatment	The operator noted that automatic valves are not installed on the filter to waste lines. Not filtering to waste for a period of time after backwash can create unwanted spikes in combined filtered water turbidity. Automatic valves should be installed on the filter to waste lines and incorporated into the SCADA system to increase flexibility and efficiency in backwash procedures.
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 Columbia Heights WD complaint log form once it is finalized. Feel free to contact this Office for assistance with the form.

Written Response Required

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
S1805701-001	Routine	10/15/2018		1.420	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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 Laughlin, P.E., Chief Engineer, LDH/OPH Engineering Services
File

Attachments



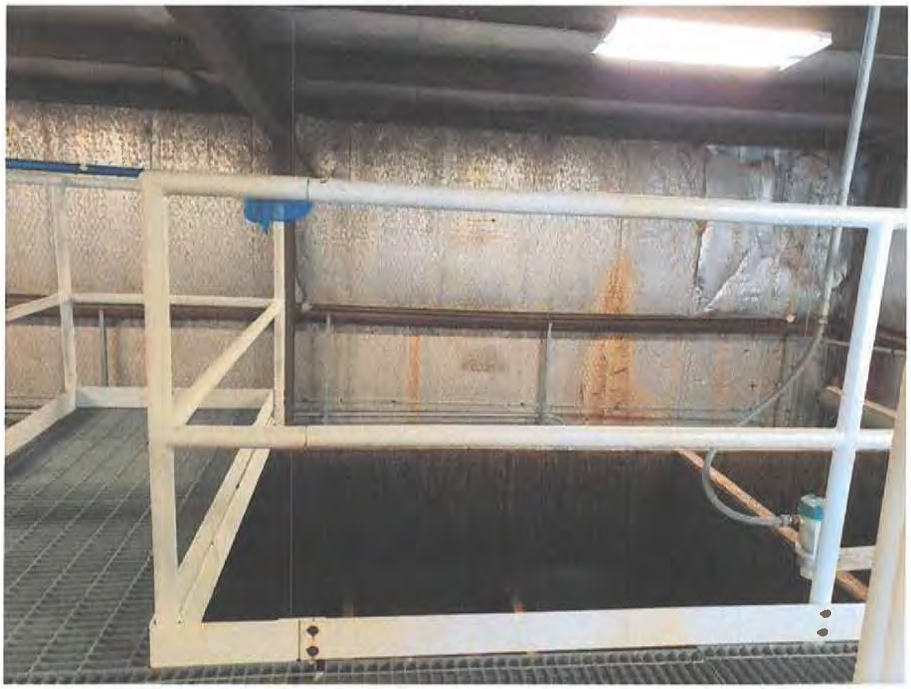
Attachment #1 – Well #5 Pulled



Attachment #2 – CC001 to Wards 4 & 5 WS: Valve Box Filled



Attachment #3 – Well 3 Paint & Pressure Gauge



Attachment #4 – Filter Interior Wall



Attachment #5 – Filter Exterior Wall

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 8769 3662** – Return Receipt Requested

February 5, 2019

Melissa Bratton
Grayson Water System
5228 Hwy 126 E
Grayson, LA 71435

Re: Class I Sanitary Survey
Grayson Water System Public Water System
PWS ID LA1021005
Caldwell Parish

Dear Mayor Bratton:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 4, 2019 sanitary survey inspection of the public water supply system for Grayson 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 Region 8
Mike McGuffee	JCP Management Inc.
Rosetta Mercer	Village Of Grayson

NOTICE OF VIOLATIONS

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

The following list 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
03/07/2016	03/21/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED
Comments: At the time of inspection the overflow of the elevated tank terminated at the at the top of the tank. Please have the overflow brought down to an elevation between 12 and 24 inches above the ground surface, and discharge over a drainage inlet structure or a splash plate.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/07/2016	03/21/2016	Sanitary Survey, Finished	Minor	Source	1021005-001-WELL #1
Comments: At the time of inspection the paint on the discharge piping of Well #1 was showing signs of wear. Please have the well discharge piping repainted.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other – Leaks in System	At the time of inspection, a valve located just downstream of one of the TP001 filters was drip-leaking from the valve packing. Water systems shall be maintained to prevent leakage of water due to defective materials, improper jointing, corrosion, settling, impacts, freezing, or other causes. Replace the valve or fix the valve packing to repair the leak and prevent potential contamination of the water supply. (See Attachment #1)
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of inspection, the Village of Grayson could not produce records which indicated a Cross Connection Control Program was adopted or was being enforced. 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 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.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Records of well testing were not made available for review during the sanitary survey. Records of chemical analyses must be kept for no less than 10 years. Please send this office a copy of the well test results once they are located and keep these records in an accessible place for a period no less than 10 years to be made available for review during future sanitary surveys.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	It was noted the valve box for the interconnection to the Columbia Heights WS was filled with water due to clogging of the valve box drain. The water must be removed from the valve box, and the drain must be resized to allow the standing water to drain properly.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The water system's point of entry (POE) sample tap must be moved from its current location at the plant, due to changes in distribution system flow. The current POE location is not representative of the water being served to customers but rather the tail end of the distribution system. The POE tap must be located such that it draws directly from the water main but before the first customer. Relocate the point of entry tap and revise the water system's online Monitoring Plan Portal at https://www.ldhh-mpp.org/. For assistance, please contact the OPH Region 8 office at 318-361-7210 or 318-361-7246.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	Due to the height of the overflow, it is not apparent if the overflow is screened with a four mesh, non-corrodible screen. The overflow must be brought down to an elevation between 12 and 24 inches and be covered by a four mesh, non-corrodible screen.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	The overflow for the elevated storage tank terminated high above ground near the water reservoir and did not discharge over a splash pad or drainage structure. The overflow must be brought down to an elevation between 12 and 24 inches above the ground surface and discharge over a splash pad or drainage structure.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	The pressure gauge on the elevated storage tank was broken. Install a working pressure gauge on the elevated storage tank.
FACILITY	CATEGORY	FINDINGS
EL002 - ELEVATED	Finished Water Storage	The existing screen for the elevated tank overflow pipe is damaged. The overflow piping must be screened with a 4 mesh, non-corrodible screen. Replace the damaged screen with a new 4 mesh, non-corrodible screen to provide protection at all times.
FACILITY	CATEGORY	FINDINGS
EL001 – ELEVATED & EL002 – ELEVATED	Finished Water Storage	During the sanitary survey, the operator noted that the altitude valves for both elevated tanks were "hanging up" and not working properly on occasion. These valves should be inspected and/or replaced before the valves fail completely.

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE TANK #1	Finished Water Storage	The screen for the ground storage tank overflow pipe was damaged or missing. Install a new 24 mesh, non-corrodible screen on the ground storage tank overflow pipe.
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND STORAGE TANK #2	Finished Water Storage	The exterior level gauge for the ground storage tank is broken. The level gauge shall be repaired and brought back to working order.
FACILITY	CATEGORY	FINDINGS
TP001 - WELLS 1 2 & 3	Treatment	The filters were not equipped with influent and effluent sampling taps nor a loss of head gauge. The operator stated that backwash frequencies were currently done on a weekly basis, regardless of the effluent water quality or loss of head. Influent and effluent sample taps and a loss of head gauge must be installed on each filter and more criteria should be taken into consideration to when deciding to initiating backwash. The system should acquire equipment to test for metals upstream and downstream the filters, to quantify the effectiveness of the filters on water quality.
FACILITY	CATEGORY	FINDINGS
TP001 - WELLS 1 2 & 3	Treatment	At the time of inspection, the piping inside the TP001 building and the exterior walls of the anthracite filters showed signs of rust and corrosion. The piping exterior filter walls must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. (See Attachments #2 & #3)
FACILITY	CATEGORY	FINDINGS
1021005-001 - WELL #1	Source	The well discharge piping and casing are showing signs of rust, corrosion and flaking paint. The well discharge piping and casing must be cleaned, treated and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. (See Attachment #4)
FACILITY	CATEGORY	FINDINGS
1021005-002 - WELL #2 (NEW WELL)	Source	Well No. 2 was not equipped with a working check valve or a visible gate valve. Install a check valve and a gate valve on the well discharge piping.
FACILITY	CATEGORY	FINDINGS
1021005-002 - WELL #2 (NEW WELL)	Source	The well discharge piping and casing were showing signs of rust, corrosion and flaking paint. The well discharge piping and casing must be cleaned, treated and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. (See Attachments #5 & #6)
FACILITY	CATEGORY	FINDINGS
1021005-003 - WELL #3	Source	The Well 3 wasting line did not discharge over a splash pad or drainage structure. A concrete pad helps to mitigate erosion of the surrounding soil, although there were no signs of erosion at the time of inspection. Install a concrete splash pad or drainage structure for the Well 3 wasting discharge line.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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	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 complaint log form once it is finalized. Feel free to contact this Office for assistance with the form.

Written Response Required

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

Violation Number	Violation Date	Analyte	Compliance Period
4044714	11/05/2018	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
4044715	12/04/2018	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 318-361-7210.

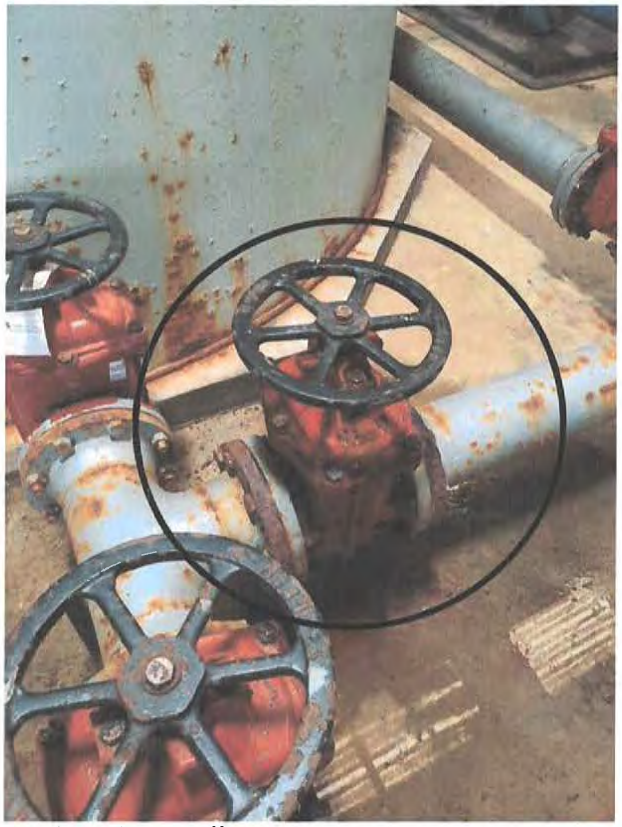
Respectfully,

Tyler Lollis

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

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

Attachments



Attachment #1 – Leaking Valve off Filter



Attachment #2 – Piping in TP001 Building

Attachments (cont.)



Attachment #3 – Filter Walls in TP001



Attachment #4 – Well #1 Discharge Piping Paint

Attachments (cont.)



Attachment #5 – Well #2 Casing & Discharge Piping Paint



Attachment #6 – Well #2 Discharge Piping 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 2497 8061** – Return Receipt Requested

May 2, 2019

Dale Sellers, President
Hebert Water System
6350 Hwy 561
Columbia, LA 71418

Re: Class I Sanitary Survey
Hebert Water System Public Water System
PWS ID LA1021006
Caldwell Parish

Dear Mrs. Sellers:

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 Hebert 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
Danna Mills	Hebert Water System
Randall L Mills	Hebert 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 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 inspection reports for all customers with backflow preventers.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	During inspection of the water system records, it was found that the monthly chlorine residual reports were being filled out incorrectly. Chlorine residuals must be monitored daily at the Point of Entry (POE) site and Maximum Residence Time (MRT) site, which represent the beginning and end of the distribution system respectively. Chlorine residuals must be monitored monthly at the Additional Chlorine Residual (ACR) site. These points were established for the water system during submittal of the Monitoring Plan on the LDH Monitoring Portal website. When a water system has installed automatic chlorine residual analyzers at these points, the lowest recorded chlorine residual must be reported on the monthly operating reports, not the daily average. It was also noted that the tap for the POE continuous chlorine analyzer was placed on the downstream side of just one of the distribution system service pumps. The analyzer must draw downstream of both service pumps so that an accurate chlorine residual is recorded no matter which pump is in service at that time. Additional "LDH Approved

		Chlorine Residual Forms" can be found on the LDH website at: http://new.dhh.louisiana.gov/index.cfm/page/1725. Please notify this office when the tap for the POE chlorine analyzer has been moved, and send the next three months of properly recorded chlorine reports to the Region 8 office by email or mailed hard copy by the 10th of each month.
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
EL001 - 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 & WELL #5	Treatment	During inspection of the chlorine building, it was found that the ventilating fan and the louvered air inlet had exchanged locations sometime previously. The fan was re-installed near the ceiling and the inlet was located near the floor. The fan and air inlet must be switched back to their originally installed positions. Since chlorine gas is heavier than air, the current configuration poses a potential operator safety concern. Please notify this office once the two are swapped back to the correct arrangement. (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: 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.

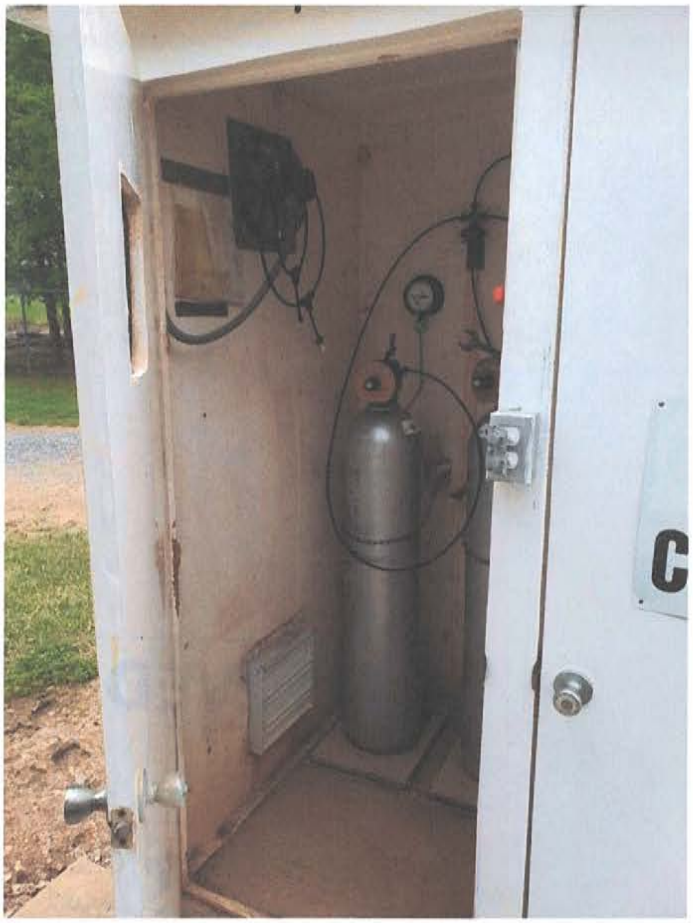
Respectfully,

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 #1 – TP001 Chlorine Building Fan & Inlet

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 3289

September 24, 2019

Audrey Miles
MILES MOBILE HOME PARK
2501 Greenbriar Street
Lake Charles, LA 70607

Re: Level 2 Assessment
- Triggered on September 21, 2019 (TC+ Routine, EC+ Repeat = MCL Violation)
Miles Mobile Home Park Water System
PWS ID LA1019125
CALCASIEU Parish

Dear Ms. Miles:

The Louisiana Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 23, 2019 RTCR Level 2 Assessment of the public water supply system for Miles Mobile Home Park Water System. The intent of this assessment, in response to a MCL Violation triggered on September 21, 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	OPH-Region V Engineering
Audrey Miles	Miles Mobile Home Park
Tammy Welch	Miles Mobile Home Park (Onsite Maintenance)

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 21, 2019. The response is due on or before October 21, 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.

The following list 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
12/14/2015	12/15/2015	Formal Enforcement	Minor	Finished Water Storage	HD001-HYDROPNEUMATIC - LEFT
Comments: The hydropneumatic tank is not equipped with a water sight glass. Hydropneumatic tanks must be equipped with a water sight glass.(reported under unresolved deficiencies of 9/10/18 Survey; SA)					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/14/2015	12/15/2015	Formal Enforcement	Minor	Finished Water Storage	HD002-HYDROPNEUMATIC - RIGHT
Comments: The hydropneumatic tank is not equipped with a water sight glass. Hydropneumatic tanks must be equipped with a water sight glass.(reported under unresolved deficiencies of 9/10/18 Survey; SA)					

Sanitary Defects (Requiring corrective action and response on or before October 21, 2019)

Issue Description (list section letter and #) C.1, C.2., C.3.,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 noted in the distribution system during the Level 2 Assessment visit. The pump delivering sodium hypochlorite for disinfection is leaking. Continuous disinfection must be maintained.	**Repair the pump to allow for proper delivery of sodium hypochlorite to support continuous disinfection. 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.**

Issue Description (list section letter and #) D.14.	Corrective Action
The TCR-007 (Lot 1) & TCR-006 (Lot 6?) share space with domestic points of usage. The usage points are equipped with a hose with and without 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. **See Attachment A.1.**	**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. Please consult with LDH, if new stations are to be installed. (The monitoring plan portal must be adjusted and testing will be required.)**

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
A1909670-001	Repeat	9/19/2019		0.000	0.000
A1909670-002	Repeat	9/19/2019		0.010	0.030
A1909670-003	Repeat	9/19/2019		0.000	0.110
A1909561-001	Routine	9/17/2019		0.000	0.060

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
147	08/05/2019	LEAD & COPPER RULE	01/01/2019 - 06/30/2019
140	02/11/2019	LEAD & COPPER RULE	07/01/2018 - 12/31/2018

Maximum Contaminant Level (MCL) Violations during the past year

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
09/21/2019	NA	NA	E. COLI	

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
150	09/23/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	07/01/2019 - 07/31/2019
151	09/23/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	08/01/2019 - 08/31/2019
153	09/23/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	09/01/2019 - 09/30/2019
148	08/09/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
146	06/24/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2019 - 06/30/2019
145	04/24/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	04/01/2019 - 04/30/2019
143	04/02/2019	CCR REPORT	
142	03/29/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	03/01/2019 - 03/31/2019
141	03/07/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	02/01/2019 - 02/28/2019
139	02/07/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
138	01/04/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	12/01/2018 - 12/31/2018
137	10/08/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	10/01/2018 - 10/31/2018

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: Miles Mobile Home Park Water System		PWS ID#: 1019125
Contact Name: Audrey Miles		Phone #: 1-337-570-6593
PWS Address: 7864 Nelson Road, LC, LA 70605		E-mail: audreyann.miles@gmail.com
Name of Lead Assessor: Steven R. Joubert		Date Completed: 9/23/2019
Level 2 Trigger	*E. coli* Positive: YES X NO ☐	If yes, which sample(s) from Section II? 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-006	Sample POC Name: Lot 6
Sample Date: 9/17/2019	Name of Sample Collector: Victor Alex	
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#: TCR-006	Sample POC Name: Lot 6
Sample Date: 9/19/2019	Name of Sample Collector: Victor Alex	
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: TCR-007, Lot 1
Sample Date: 9/19/2019	Name of Sample Collector: Victor Alex	
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#: RPDN	Sample POC Name: Lot 11
Sample Date: 9/19/2019	Name of Sample Collector: Victor Alex	
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)		1:06 PM POE-001, >4.6 ppm Free, 4.79 ppm Total. 1:42 PM POE-001, 1.47 ppm Free, 1.63 ppm Total.	2:07 PM TCR-006, 0.05 ppm Free, 0.37 ppm Total. 2:20 PM TCR-007, 0.04 ppm Free, 0.12 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 #) C.1, C.2., C.3.,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 noted in the distribution system during the Level 2 Assessment visit. The pump delivering sodium hypochlorite for disinfection is leaking. Continuous disinfection must be maintained.	Repair the pump to allow for proper delivery of sodium hypochlorite to support continuous disinfection. 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.

Issue Description (list section letter and #) D.14.	Corrective Action
The TCR-007 (Lot 1) & TCR-006 (Lot 6?) share space with domestic points of usage. The usage points are equipped with a hose with and without 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. See Attachment A.1.	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. Please consult with LDH, if new stations are to be installed. (The monitoring plan portal must be adjusted and testing will be required.)

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:** 9/24/19

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

Attachment A.1.
Issue Description: D.14.
TCR Sampling Sites 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: 7018 1830 0000 4149 2602

January 30, 2019

Dean Ford
CALCASIEU PARISH WW 12 WARD 3
P.O. Box 4767
Lake Charles, LA 70606

Re: Class I Sanitary Survey
CALCASIEU PARISH WW 12 WARD 3 Public Water System
PWS ID LA1019126
CALCASIEU Parish

Dear Mr. Ford:

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 CALCASIEU PARISH WW 12 WARD 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
Solomon Angwafo	OPH-Region V Engineering
Malcolm Daigle	Calcasieu Parish Police Jury
Carie Davis	Calcasieu Parish Police Jury
Dakota Swope	Calcasieu Parish WW 12 Ward 3
Terressitta C Victorian	Calcasieu Parish WW 12 Ward 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.

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	1) The valve/injection pit is flooded with water of questionable quality. The valve/injection 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. 2) An atmospheric vacuum breaker must be installed on the hose bib (west side of plant building) to protect against contamination. A control valve placed at the end of the hose voids this protection. The hose, with or without a control valve, should be removed and stored when not being used. ***(See Attachments A.1 & A.2.)***
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.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED STORAGE TANK GR001 - GROUND STORAGE TANK	Finished Water Storage	From review, the finished water storage facilities (elevated and ground storage 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 the finished water storage facility 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.

FACILITY	CATEGORY	FINDINGS
TP001 - TP FOR WELL #1, #2	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 - TP FOR WELL #1, #2	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. A smooth nozzle sample tap should be installed on the agreed location for chemical and bacteriological samples. 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. ***(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: 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
17	08/24/2018	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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
Engineer Intern

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

Attachment A.1. **Chemical Injection Pit - Flooded**
Facility ID: TP001 – TP for Wells 1 and 2
Category: Treatment



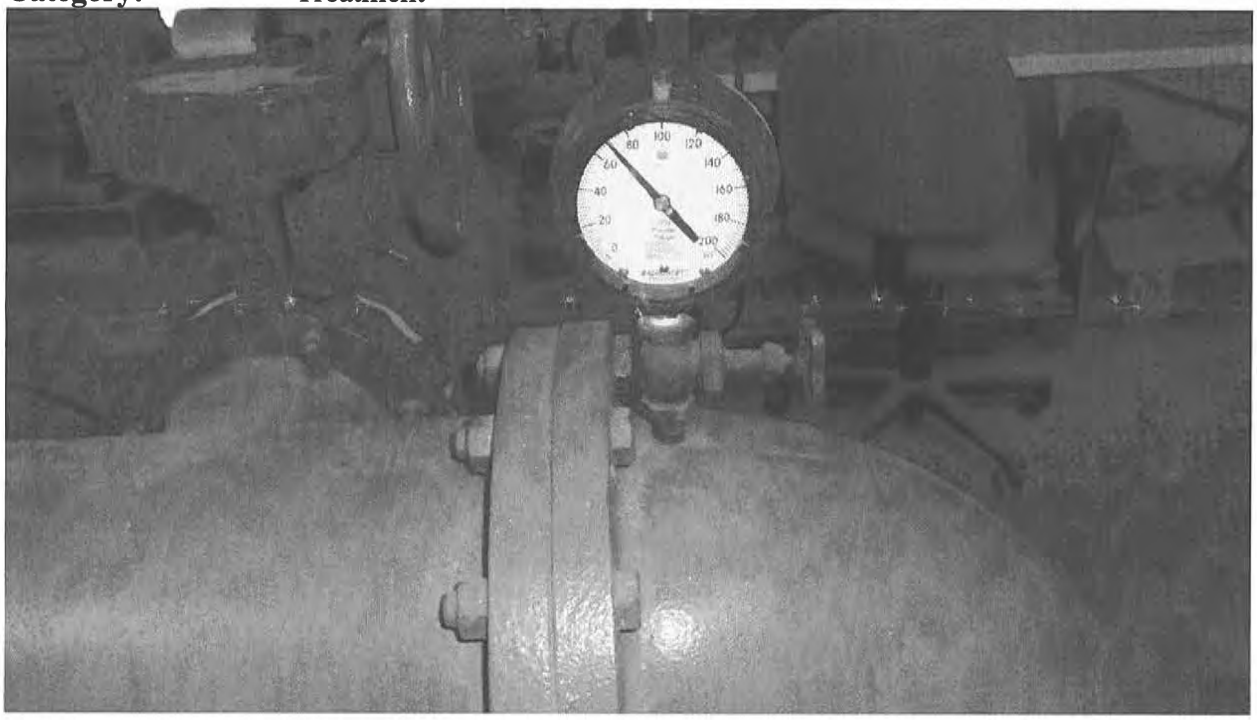
Attachment A.2. **Chemical Injection Pit - Flooded**
Facility ID: TP001 – TP for Wells 1 and 2
Category: Treatment



Attachment A.3. **Cross Connection**
Facility ID: Distribution System
Category: Distribution



Attachment A.4. **POE Tap expected Location**
Facility ID: TP001 – TP for Wells 1 and 2
Category: Treatment



Attachment A.5. **Chlorine Gas Bottles – need to be properly secured**
Facility ID: TP001 – TP for Wells 1 and 2
Category: Treatment



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 2763

May 6, 2019

Phyllis Holifield
CITGO PETROLEUM REFINERY WATER SYSTEM
P.O. Box 1562
Lake Charles, LA 70602

Re: Class I Sanitary Survey
CITGO PETROLEUM REFINERY WATER SYSTEM Public Water System
PWS ID LA2019015
CALCASIEU Parish

Dear Ms. Holifield:

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 CITGO PETROLEUM REFINERY 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
Solomon Angwafo	OPH-Region V Engineering
Jesse Bertrand	C-K Associates, LLC
Brent Hoffpauir	Citgo

NOTICE OF VIOLATIONS

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

The following list 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 – 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

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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
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: 7018 1830 0000 4149 2794

May 15, 2019

Paula Poole
LAKE CHARLES CARBON CO-REYNOLDS METALS
4040 West Tank Farm Road
Lake Charles, LA 70605

Re: Class I Sanitary Survey
LAKE CHARLES CARBON CO-REYNOLDS METALS Public Water System
PWS ID LA2019018
CALCASIEU Parish

Dear Ms. Poole:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 13, 2019 sanitary survey inspection of the public water supply system for LAKE CHARLES CARBON CO-REYNOLDS METALS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Paula Poole	Lake Charles Carbon 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
2019018-002 - WELL #2	Source	The well has a significant leak downstream of the well's check valve. The leak must be repaired keep the well free of leaks that can serve as a pathway for contamination for water being produced. ***(See Attachment A.1)***

Deficiencies

FACILITY	CATEGORY	FINDINGS
2019018-001 - WELL #1 2019018-002 - WELL #2	Source	Wells #1 and #2 outer casings, casing vents piping, discharge piping, and/or steel base plates used to support the pumps are showing signs of heavy rusting, corrosion, and flaking paint respectively. The wells' outer casings, casing vents piping, discharge piping, and/or steel base plates must be maintained to avoid further corrosion, deterioration and/or potential structural failure. Clean, treat and paint the wells' outer casings, casing vents piping, discharge piping and steel base plates to prevent sources of potential contamination. Evaluation of the area may be needed to support whether increased measures are needed to properly protect the wells and their appurtenances. Heavy flaking may require professional guidance to remediate. ***(See Attachments A.2 and 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 – 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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1811145-003	Repeat	9/28/2018			
A1811145-002	Repeat	9/28/2018	Additional Comments: Repeat upstream		
A1811145-001	Repeat	9/28/2018	Additional Comments: Repeat Downstream		
A1811125-001	Routine	9/26/2018	Additional Comments: Chlorine Residual recorded as W W on Lab8 Form		

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
Engineer Intern

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

Attachment A.1 **Well #2 – Leaking Pipe**
Facility ID: Well #2
Category: **Source**



Attachment A.2 **Well #2 – Maintenance needed to prevent rusting & corrosion**
Facility ID: Well #2
Category: **Source**



Attachment A.2 **Well #1 – Maintenance required to prevent rusting & corrosion**
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: 7018 1830 0000 7504 7694

October 24, 2019

Catherine Cheramie
Entergy Gulf States Louisiana LLC
3500 Houston River Road
Westlake, LA 70669

Re: Class I Sanitary Survey
Entergy Gulf States Louisiana LLC Public Water System
PWS ID LA2019103
Calcasieu Parish

Dear Ms. Cheramie:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 23, 2019 sanitary survey inspection of the public water supply system for Entergy Gulf States Louisiana 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
Solomon Angwafo	OPH-Region V Engineering
Catherine Cheramie	Entergy Nelson Plant
Laurent Carpenter	Entergy Services, LLC
Dylan Lormand	Entergy Nelson Plant
Raymond Carter	Entergy Nelson 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.

COPY

Unresolved Observations

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
2019103-001 - WELL #1 - EAST	Source	The electrical conduit attached to the well casing seal is detached creating a void. The void space can 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.

Deficiencies

FACILITY	CATEGORY	FINDINGS
2019103-001 - WELL #1 – EAST 2019103-002 - WELL #2 – WEST	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
2019103-002 - WELL #2 - WEST	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 – 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

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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
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: 7018 1830 0000 4149 2787

May 6, 2019

John Shamburger
EAGLE US 2 LLC FAMILY CENTER W S
P.O. Box 1000
Lake Charles, LA 70602

Re: Class I Sanitary Survey
EAGLE US 2 LLC FAMILY CENTER W S Public Water System
PWS ID LA2019121
CALCASIEU Parish

Dear Mr. Shamburger:

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 EAGLE US 2 LLC FAMILY CENTER 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
Solomon Angwafo	OPH-Region V Engineering
Jesse Bertrand	C-K Associates, 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

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 – 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

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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
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: 7017 1070 0000 1127 3672

March 11, 2019

Tina Cotton
THE LONGHORN TRUCK STOP AND RESTAURANT
2374 Highway 109 South
Vinton, LA 70668

Re: Class I Sanitary Survey
THE LONGHORN TRUCK STOP AND RESTAURANT Public Water System
PWS ID LA2019126
CALCASIEU Parish

Dear Ms. Cotton:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 8, 2019 sanitary survey inspection of the public water supply system for THE LONGHORN TRUCK STOP AND 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
Steven R. Joubert	OPH-Region V Engineering
Austin Booth	Booth 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).

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

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 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

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 – 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
5001401	12/19/2018	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 337-475-3214.

Respectfully,

Steven R. Joubert, P.E.
District 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 0530 0000 1957 5174

March 12, 2019

Sandeep Potluri
SMOKERS PARADISE WATER SYSTEM
2363 Hwy 109 S
Vinton, LA 70668

Re: Class I Sanitary Survey
SMOKERS PARADISE WATER SYSTEM Public Water System
PWS ID LA2019128
CALCASIEU Parish

Dear Mr. Potluri:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 8, 2019 sanitary survey inspection of the public water supply system for SMOKERS PARADISE 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
Austin Booth	Booth 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).

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.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	There is a hose bib on the hydropneumatic tank that does not have an atmospheric vacuum breaker installed. Install an atmospheric vacuum breaker on the hose bib. **(See Attachment A.1.)**
FACILITY	CATEGORY	FINDINGS
2019128-001 - WELL #1	Source	The casing vent for the well is missing leaving a void space in the well casing. The hole in the well's casing currently allows for contamination into the well. 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 A.2.)**
FACILITY	CATEGORY	FINDINGS
2019128-001 - WELL #1	Source	The well is equipped with a smooth nosed sampling tap that has a broken control valve. The well must be equipped with a working smooth nosed sampling tap to facilitate the collection of water samples. **(See Attachment A.2.)**

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC #1	Finished Water Storage	The area around the storage tank has evidence of ponding water. This area around the tank within 50 feet must be well drained and graded to facilitate the rapid removal away from the storage tank. The ponding water presents a potential source of contamination and could potentially compromise the integrity of the structure. **(See Attachment A.3.)**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT	Treatment	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 manufacturer on the chemical feed tank. **(See Attachment A.4.)**

FACILITY	CATEGORY	FINDINGS
2019128-001 - WELL #1	Source	There is currently no pressure gauge installed on the discharge piping of the well. A pressure gauge must be installed on the discharge piping upstream of the check valve as a means to measure the actual operating head conditions. Install a pressure gauge on the well discharge piping 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.

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: 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
3	12/19/2018	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 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. **Cross Connection Device Needed**
Facility ID: **DS0950 – Distribution System**
Category: **Distribution System**



Attachment A.2. **Missing Vent (Hole in Casing) & Broken Sample Tap & Missing Pressure Gauge**
Facility ID: **2019128-001 - 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 0530 0000 1957 5181

March 13, 2019

Derek Gaspard
INSANE SAUSAGES WATER SYSTEM
2255 Highway 109 S
Vinton, LA 70668

Re: Class I Sanitary Survey
INSANE SAUSAGES WATER SYSTEM Public Water System
PWS ID LA2019133
CALCASIEU Parish

Dear Mr. Gaspard:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 8, 2019 sanitary survey inspection of the public water supply system for INSANE SAUSAGES 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
Derek Gaspard	Insane Sausages, 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).

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

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The well discharge piping has a hose connected to it that does have an atmospheric vacuum breaker installed on the hose bib. A control valve placed at the end of the hose voids this protection. The hose, with or without a control valve, should be removed and stored when not being used. At the time of survey water was being used. This citation only requires confirmation of understanding about proper operation under regular circumstances. **(See Attachment A.1.)**

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	The cardboard box does not support lasting and true protection from direct sunlight for the sodium hypochlorite feed tank. Lasting measures and provisions are needed to properly protect the sodium hypochlorite tank from sunlight. **(See Attachment A.2.)**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	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 manufacturer on the chemical feed tank. **(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.

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: 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

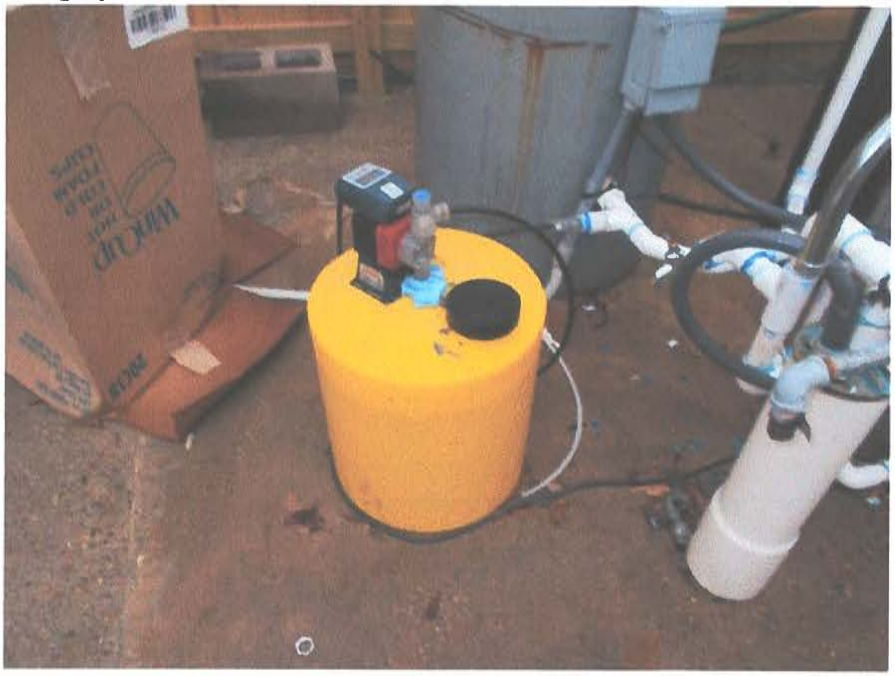
cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments:

Attachment A.1. **Cross Connection Control**
Facility ID: **DS0950 – Distribution System**
Category: **Distribution System**



Attachment A.2. **Protection from Sunlight & Day Tank Labeling**
Facility ID: **TP001 – 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: **7015 0640 0000 8770 5976** – Return Receipt Requested

February 6, 2019

Edward Malcomb
Holum Water System
P O Box 249
Grayson, LA 71435

Re: Class I Sanitary Survey
Holum Water System Public Water System
PWS ID LA1021007
Caldwell Parish

Dear Mr. Malcomb:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 4, 2019 sanitary survey inspection of the public water supply system for Holum 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
Susan Robinson	Holum Water System
Terry Sanders	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
1021007-001 - WELL #1	Source	It was noted that both interconnections to the Grayson WS and Columbia Heights WS were inactive at the time of inspection due to poor maintenance. This leaves the Holum WS operating with only one well and no backup sources in case the well should go down for any reason. Water systems must be supplied with a minimum of two approved and active groundwater wells (or if not, a connection to another approved water supply of sufficient capacity). Either the connection to Grayson WS or Columbia Heights must be rehabilitated so that it may be used for short- or long-term emergency situations.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The water system's total coliform monitoring plan is outdated and has been returned for updating. The point of entry (POE) sample tap is no longer located near the interconnection to Grayson WS, but is located near the well site. The water system can update the POE site by logging into the Monitoring Plan Portal at https://www.ldhh-mpp.org/. OPH Region 8 engineering staff can be reached by phone at 318-361-7210 or 318-361-7212 to discuss the review and approval of the monitoring plan.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT AT WELL 1	Treatment	The chlorine vent line was not screened. Please place a screen on the chlorine vent line.
FACILITY	CATEGORY	FINDINGS
1021007-001 - WELL #1	Source	At the time of inspection, it appeared that the Well #1 check valve was not working properly. The well discharge piping must be equipped with a properly working check valve. Please inspect and/or repair the check valve on the well discharge 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
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

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
12/10/2018	0.090 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
09/14/2018	88 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
06/11/2018	88 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
03/26/2018	101 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
8000744	08/03/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	07/01/2018 - 07/31/2018
8000743	07/03/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2018 - 06/30/2018
8000741	06/07/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	05/01/2018 - 05/31/2018
8000740	05/07/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	04/01/2018 - 04/30/2018
8000737	02/16/2018	FAILURE SUBMIT OEL REPORT FOR TTHM	
8000738	02/16/2018	FAILURE SUBMIT OEL REPORT FOR TTHM	

Your 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 Laughlin, 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: 7016 2710 0000 4927 6460

October 24, 2019

Bill Bridwell
Kelly Water District
P O Box 7
Kelly, LA 71441

Re: Class I Sanitary Survey
Kelly Water District
PWS ID LA1021008
Caldwell Parish

Dear Mr. Bridwell:

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 Kelly Water District. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Charles L Braddock	Kelly Water District
Sheree Prince	Kelly 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
Management	Security	1. Excessive vegetation is growing on the fence. Please trim vegetation to reduce hazard to security fence and maintain to prevent future growth. 2. The security fence surrounding the water system facilities was missing barbed wire. 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. **See Attachment #2 and #1**
FACILITY	CATEGORY	FINDINGS
HD002 - HYDRO TANK	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.

Deficiencies

FACILITY	CATEGORY	FINDINGS
ST002 - SOUTH STANDPIPE	Finished Water Storage	The overflow for the elevated storage tank does not discharge between 12 and 24 inches above a splash pad. The discharge must discharge between 12 and 24 inches over a splash plate or drainage inlet structure to prevent erosion around the foundation. System shall make necessary modifications. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND BY HYDRO	Finished Water Storage	The overflow for the elevated storage tank does not discharge between 12 and 24 inches above a splash pad. The discharge must discharge between 12 and 24 inches over a splash plate or drainage inlet structure to prevent erosion around the foundation. System shall make necessary modifications.
FACILITY	CATEGORY	FINDINGS
ST001 - NORTH STANDPIPE	Finished Water Storage	The overflow for the elevated storage tank does not discharge between 12 and 24 inches above a splash pad. The discharge must discharge between 12 and 24 inches over a splash plate or drainage inlet structure to prevent erosion around the foundation. System shall make necessary modifications.
FACILITY	CATEGORY	FINDINGS
HD001 – HYDRO-PNEUMATIC	Finished Water Storage	The tank is not equipped a water site glass. A water site glass controls must be provided.
FACILITY	CATEGORY	FINDINGS
1021008-003 - WELL #3	Source	The screening on the air release-vacuum relief valve is incorrect. 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.

FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT @ 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.

Written Response Required

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

Category: Security

Attachment Comments: South Standpipe

1. Tree in Fence
2. Gap in Fence
3. No Barbed Wire on top



Attachment #2

Severity: Significant

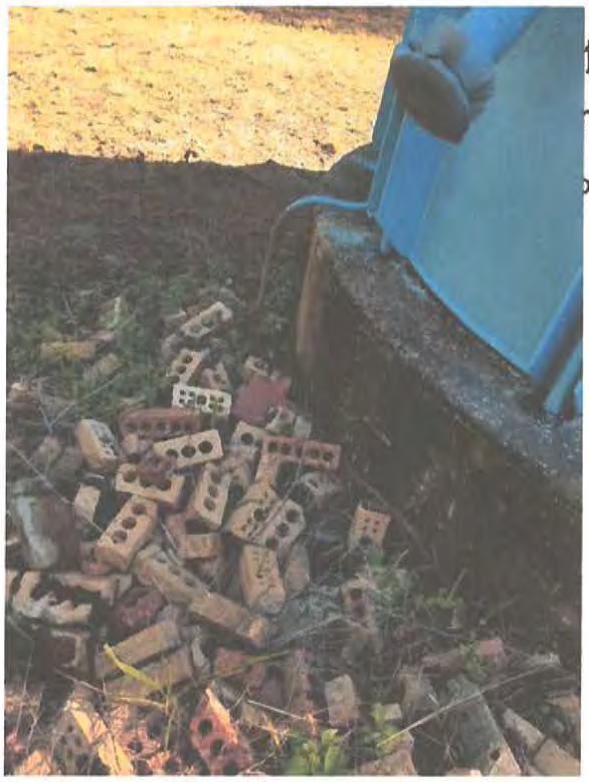
Category: Security

Attachment Comments: North Standpipe

1. Tree in Fence
2. Gap in Fence

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY



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Attachment #3

Severity: Minor

Facility ID: SOUTH STANDPIPE

Category: Finished Water Storage

Attachment Comments: Over Flow Too High

Office of Public Health ▪ Central Region VI
5604-B Coliseum Boulevard ▪ Alexandria, Louisiana 71303
Phone #: 318-487-5282 ▪ Fax #: 318-487-5338 ▪ 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: 7016 2710 0000 4927 6880

December 5, 2019

Gary Mays
COTTON PLANT WATER SYSTEM
8068 Hwy 506W
Grayson, LA 71435

Re: Class I Sanitary Survey
COTTON PLANT WATER SYSTEM Public Water System
PWS ID LA1021009
CALDWELL Parish

Dear Mr. Mays:

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 COTTON PLANT 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
Brian Bryant	Cotton Plant Water System
Gary Mays	Cotton Plant 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	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.
FACILITY	CATEGORY	FINDINGS
1021009-003 - WELL #3	Source	1021009-003 WELL #3: 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 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
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	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 - GROUND	Finished Water Storage	GR001: There is no splash plate or drainage inlet for the GR001 overflow. 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 2.**
FACILITY	CATEGORY	FINDINGS
TP002 - TP WELL # 2 & #3	Treatment	TP WELL #2, #3: 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 3.**
FACILITY	CATEGORY	FINDINGS
TP002 - TP WELL # 2 & #3	Treatment	TP WELL #2, #3: 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 4.**
FACILITY	CATEGORY	FINDINGS
1021009-002 - WELL #2	Source	1021009-002 WELL #2: 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. See **Attachment 5.**
FACILITY	CATEGORY	FINDINGS
1021009-002 - WELL #2	Source	1021009-002 WELL #2: The well discharge piping is not equipped with a working flow measuring device. A pressure gauge and a means for measuring flow must be provided. Install a device used 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 **Attachment 6.**

FACILITY	CATEGORY	FINDINGS
1021009-003 - WELL #3	Source	1021009-003 WELL #3: 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 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
Management	System Management and Operation	EL001: The site has a tree close to the standpipe. Recommend the tree should be maintained to prevent accidents for personnel and to protect system infrastructure. See **Attachment 8**.
FACILITY	CATEGORY	FINDINGS
TP002 - TP WELL # 2 & #3	Treatment	TP WELL #2, #3: Chlorine cylinders were restrained with a single chain. It is recommended to restrain each cylinder individually to prevent upset, with either a single device with multiple fastening points, or multiple restraining devices. See **Attachment 9**.
FACILITY	CATEGORY	FINDINGS
TP002 - TP WELL # 2 & #3	Treatment	TP WELL #2, #3: No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized. See **Attachment 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 – 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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1903679-001	Routine	6/3/2019		0.770	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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
8005012	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.

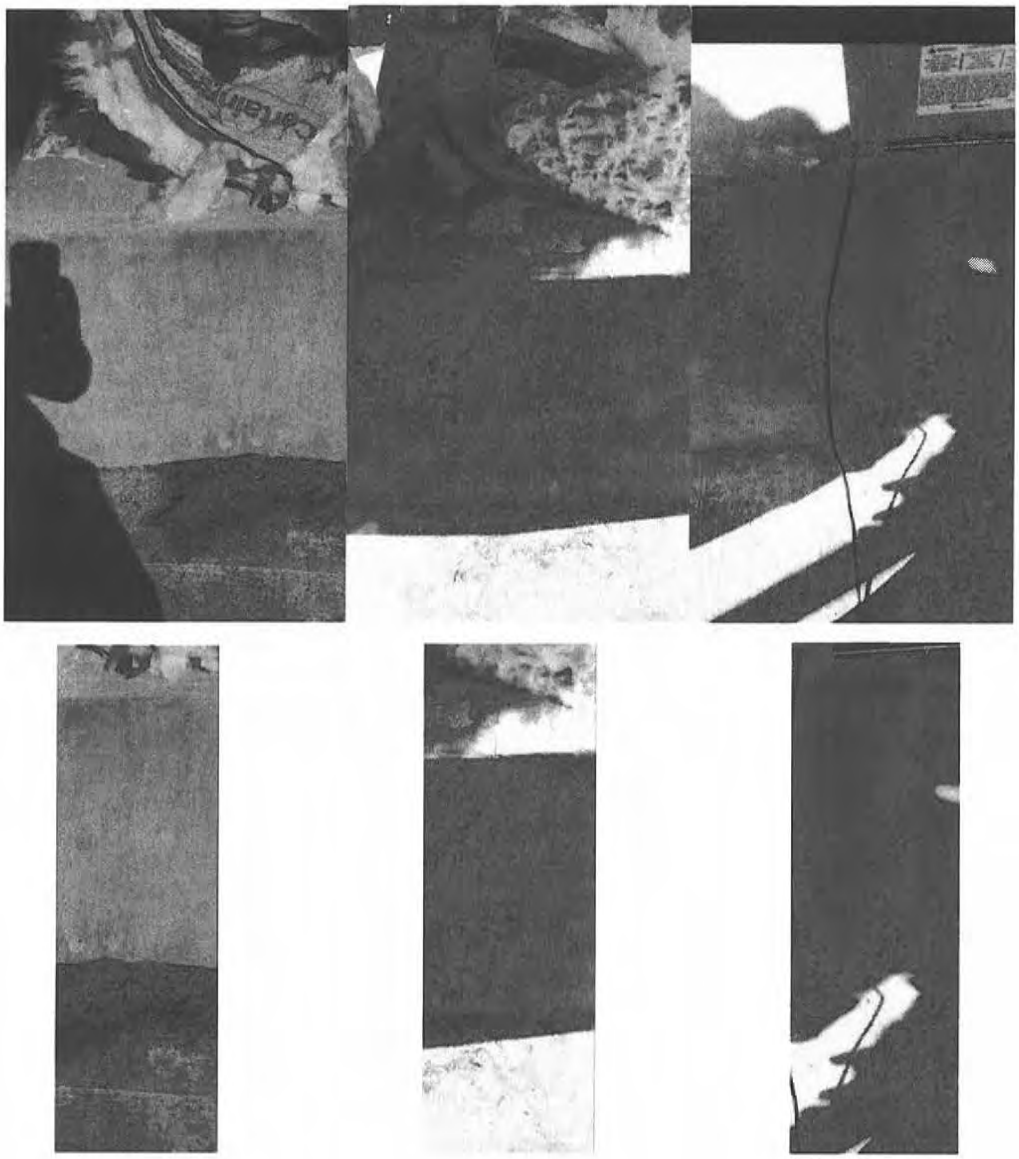
Respectfully,

William Charlot

William Charlot,

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

ATTACHMENTS



Attachment #1

Severity: Significant

Facility ID: 1021009-003 WELL #3

Category: Source

Attachment Comments: 1021009-003 WELL #3: 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.



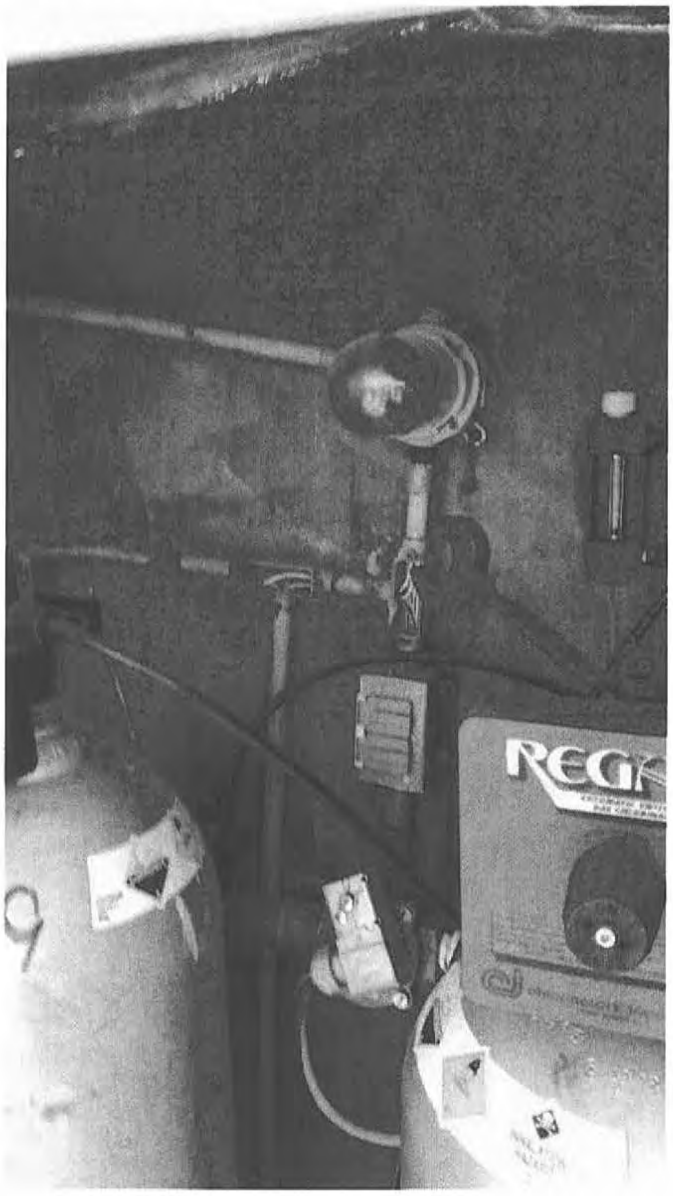
Attachment #2

Severity: Minor

Facility ID: GR001 - GROUND

Category: Finished Water Storage

Attachment Comments: GR001: There is no splash plate or drainage inlet for the GR001 overflow. 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 #3

Severity: Minor

Facility ID: TP002 - TP WELL # 2 & #3

Category: Treatment

Attachment Comments: TP WELL #2, #3: 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.



Attachment #4

Severity: Minor

Facility ID: TP002 - TP WELL # 2 & #3

Category: Treatment

Attachment Comments: TP WELL #2, #3: 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.



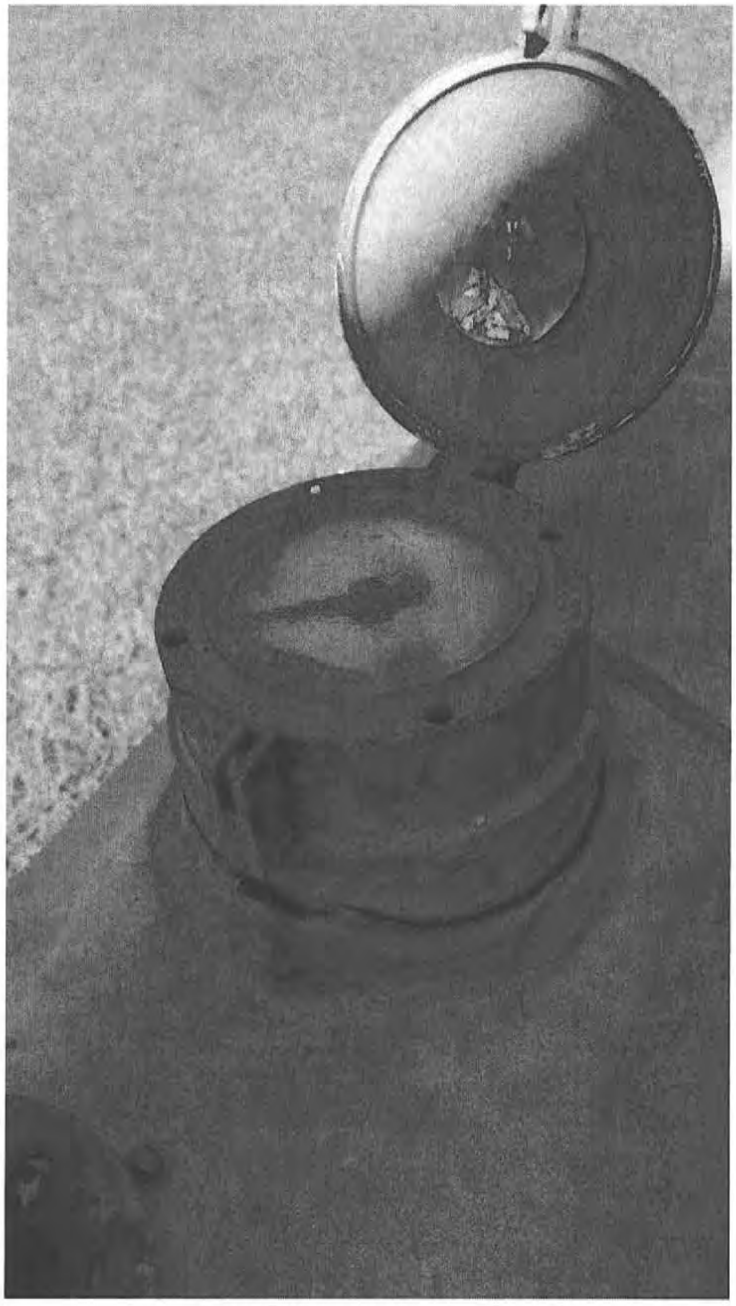
Attachment #5

Severity: Minor

Facility ID: 1021009-002 - WELL #2

Category: Source

Attachment Comments: 1021009-002 WELL #2: 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.



Attachment #6

Severity: Minor

Facility ID: 1021009-002 - WELL #2

Category: Source

Attachment Comments: 1021009-002 WELL #2: The well discharge piping is not equipped with a working flow measuring device. A pressure gauge and a means for measuring flow must be provided. Install a device used 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.



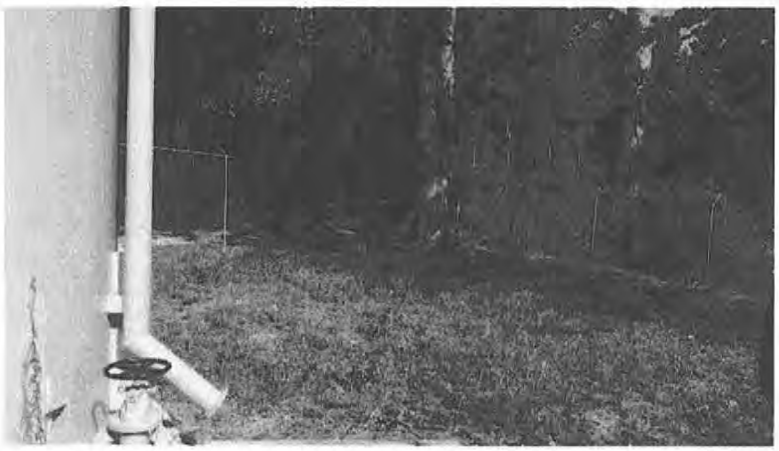
Attachment #7

Severity: Minor

Facility ID: 1021009-003 - WELL #3

Category: Source

Attachment Comments: 1021009-003 WELL #3: The well discharge piping is not equipped with a working flow measuring device. A pressure gauge and a means for measuring flow must be provided. Install a device used 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.





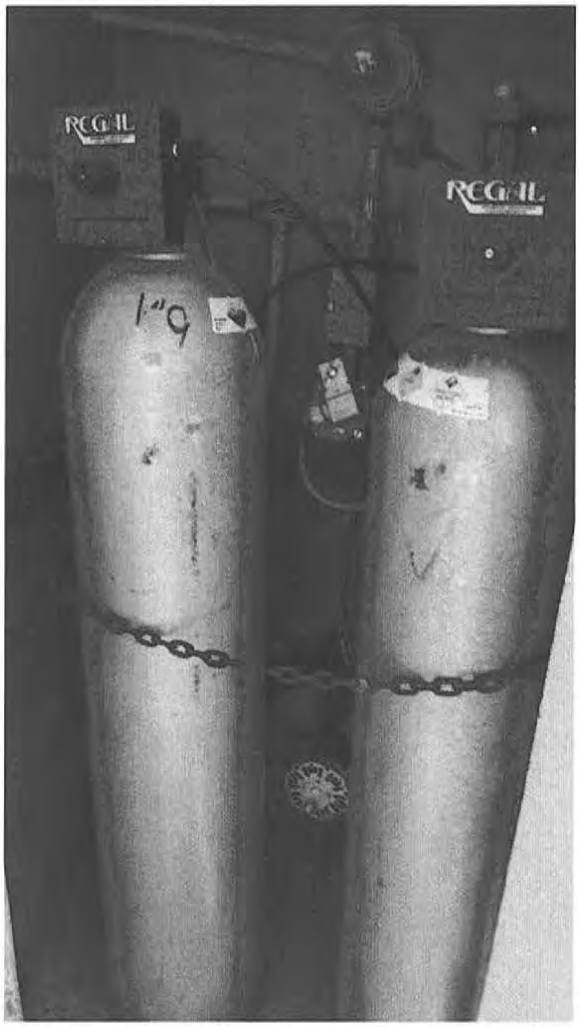
Attachment #8

Severity: Recommendations

Facility ID: Management

Category: System Management and Operation

Attachment Comments: EL001: The site has a tree close to the standpipe. Recommend the tree should be maintained to prevent accidents for personnel and to protect system infrastructure.



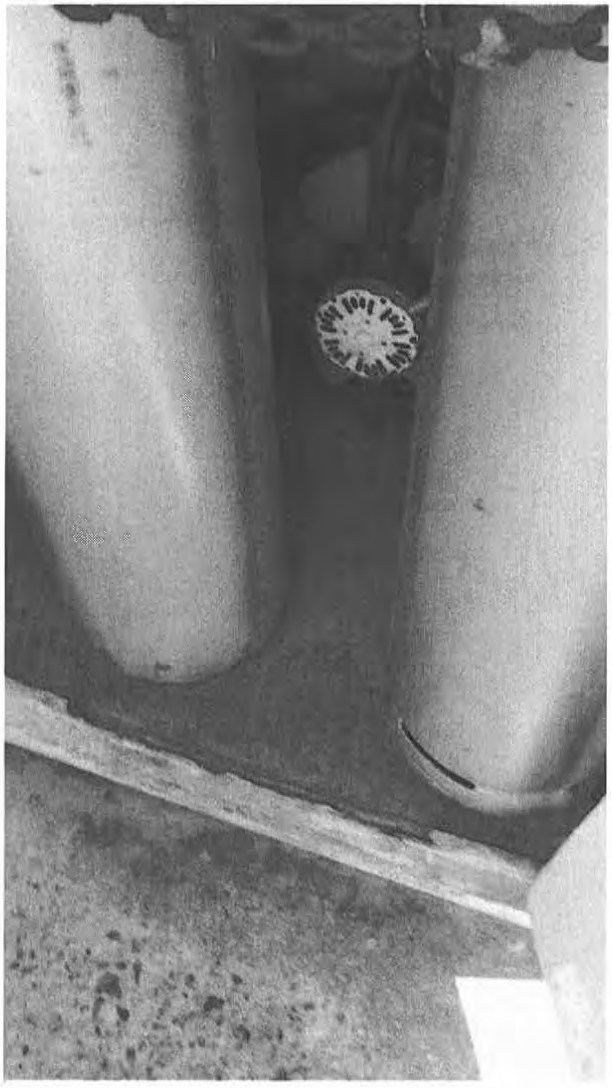
Attachment #9

Severity: Recommendations

Facility ID: TP002 - TP WELL # 2 & #3

Category: Treatment

Attachment Comments: TP WELL #2, #3: Chlorine cylinders were restrained with a single chain. It is recommended to restrain each cylinder individually to prevent upset, with either a single device with multiple fastening points, or multiple restraining devices.



Attachment #10

Severity: Recommendations

Facility ID: TP002 - TP WELL # 2 & #3

Category: Treatment

Attachment Comments: TP WELL #2, #3: No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.

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 8030** – Return Receipt Requested

April 2, 2019

Debbie Carr
Wards 4 & 5 Water System
3392 Hwy 165
Columbia, LA 71418

Re: Class I Sanitary Survey
Wards 4 & 5 Water System Public Water System
PWS ID LA1021010
Caldwell Parish

Dear Ms. Carr:

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 Wards 4 & 5 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
William Charlot	LDH/OPH Engineering Services
Mike McGuffee	JCP Management, Inc.
James B. Ezell	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
05/20/2016	05/24/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED
Comments: At the time of the inspection, it was noted there was no sampling tap found on the elevated storage tank. Install a smooth-nosed sampling tap for bacteriological analysis.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/22/2014	06/03/2014	Sanitary Survey, Finished	Significant	Finished Water Storage	EL001-ELEVATED
Comments: At the time of the inspection, no screen was present at the flapper valve. Install a four mesh non-corrodible screen prior to flapper valve at elevated storage overflow line.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/22/2014	06/03/2014	Sanitary Survey, Finished	Minor	Source	1021010-002-WELL #2
Comments: At the time of the inspection, there was no flow meter found at the upper terminal of the well. All public water wells must have functioning flow meters. Install a flow meter at the well.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	From discussion with the operator during the sanitary survey, it appeared that the disinfection and treatment process may be short-circuiting due to the facility flows and injection locations. It seems as though raw water is only being fully treated when water is entering the elevated tank at the well site. At all other times, produced water may be untreated or partially treated before entering the distribution system. This situation must be investigated and corrected immediately. (See Attachment #1)
FACILITY	CATEGORY	FINDINGS
GR001 - GST AT BOOSTER STATION	Finished Water Storage	The ground storage tank was fitted with threaded sample tap. Replace the threaded tap with a smooth nozzle type or install an atmospheric vacuum breaker on the threaded tap to prevent contamination from backflow.
FACILITY	CATEGORY	FINDINGS
1021010-001 - WELL #1	Source	It was noted during the sanitary survey that Well #1 had been previously plugged and abandoned. Please provide the signed DNR Water Well Plugging and Abandonment Form (DNR-GW-2) to our office to confirm that a LA licensed well driller well properly plugged the water well.

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	It was noted the valve boxes for the interconnections to both the Columbia Heights WS and Grayson WS were filled with water due to clogging of the valve box drain. The water must be removed from the valve boxes, and the drains must be resized to allow the standing water to drain properly.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	At the time of inspection, a pressure gauge was not found on the elevated storage tank. Install a pressure gauge on the elevated storage tank.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	At the time of inspection, the elevated storage tank riser and valve showed signs of significant rust and corrosion. The piping and valve must be cleaned, treated, and painted with NSF approved paint to prevent further rust and corrosion from damaging the piping. (See Attachment #2)
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	At the time of inspection, there was no sample tap observed on the elevated storage tank. Install a smooth-nozzle sample tap on the elevated tank for bacteriological analysis.
FACILITY	CATEGORY	FINDINGS
GR001 - GST AT BOOSTER STATION	Finished Water Storage	The ground storage tank overflow piping was not screened. The overflow must open downward and be screened by a 24 mesh non-corrodible screen.
FACILITY	CATEGORY	FINDINGS
TP002 - WELL #2 & #3	Treatment	The chlorine building for Well #2 & #3 is missing a light and an inspection window. Install a light with an exterior switch outside the room and a shatter-resistant inspection window in the chlorine building door.
FACILITY	CATEGORY	FINDINGS
1021010-002 - WELL #2	Source	At the time of inspection, the paint on Well #2 casing and discharge piping appeared faded and was flaking in a few areas, causing rust and corrosion on the discharge piping. The casing and discharge piping must be cleaned and painted to prevent rust and corrosion from damaging the pipe. (See Attachment #3)
FACILITY	CATEGORY	FINDINGS
1021010-002 - WELL #2	Source	The casing pressure gauge on Well #2 was broken, and the well is not equipped with a flow meter. Replace the pressure gauge and install a means of measuring flow on Well #2.
FACILITY	CATEGORY	FINDINGS
1021010-002 - WELL #2	Source	The wasting line for Well #2 did not discharge over a splash pad or drainage structure at the time of inspection. Redirect the wasting line towards the concrete well pad or install a splash pad or drainage structure for the wasting line.
FACILITY	CATEGORY	FINDINGS
1021010-003 - WELL #3	Source	The discharge piping for Well #3 appeared to be fading and flaking in some areas. The piping must be cleaned, treated, and painted with NSF approved paint.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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 #2 & #3	Treatment	At the time of inspection, the polyphosphate chemical tank had an opening for the feed pump which was open to the atmosphere. The opening should be screened or sealed around the pump tubing to prevent bugs or contamination from entering the tank.
FACILITY	CATEGORY	FINDINGS
EL001 & WELL SITE	Security	This office recommends clearing back the vegetation and fallen branches from the fence-line at the elevated tank/well site to prevent damage to the fence.

Written Response Required

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
8005723	05/23/2018	FAILURE ADDRESS DEFICIENCY (GWR)	
8005724	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 318-361-7210.

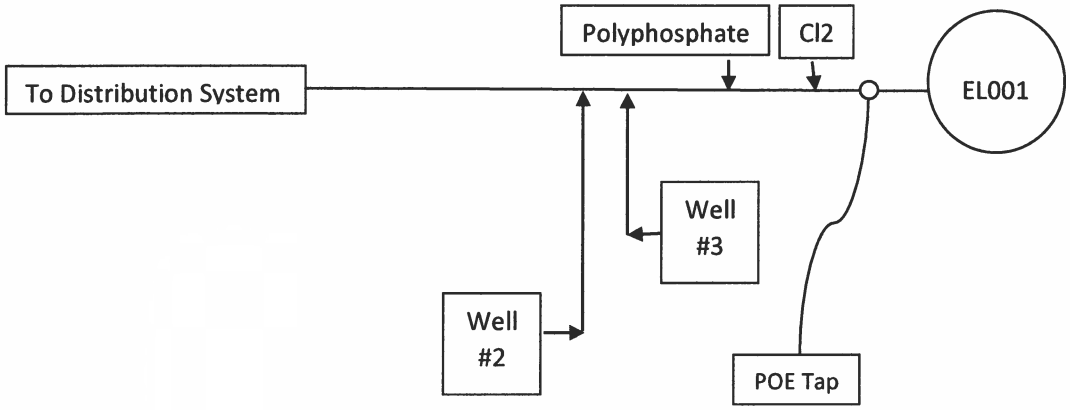
Respectfully,

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 – Current Assumed Flow Process



Attachment #2 – EL001 Elevated Tank Riser Pipe

Attachments (cont.)



Attachment #3 – Well #2 Casing & 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 7996** – Return Receipt Requested

April 2, 2019

Tommie Chatham
Vixen Water System East
2610 Hwy 499
Chatham, LA 71226

Re: Class I Sanitary Survey
Vixen Water System East Public Water System
PWS ID LA1021011
Caldwell Parish

Dear Mr. Chatham:

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 Vixen Water System East (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
William Charlot	LDH/OPH Engineering Services
Mike McGuffee	JCP Management, Inc.
James B. Ezell	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
06/03/2016	06/29/2016	Sanitary Survey, Finished	Minor	Source	1021011-001-WELL #1 (NORTH WELL)
Comments: At the time of the inspection, it appears the check valve was not functioning properly. Repair the check valve at north well.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1021011-002 - WELL #2 (SOUTH WELL)	Source	At the time of inspection, the Well #2 well vent was broken and not secured properly to the well casing. The well vent must be properly maintained to prevent the introduction of contamination into the well casing. Fix the well vent so that it is properly threaded onto the well and secure. (See Attachment #1)

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The point of entry (POE) tap was located on the ground storage 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 off of the ground storage tank and onto the water main leaving the well site.
FACILITY	CATEGORY	FINDINGS
1021011-001 - WELL #1 (NORTH WELL)	Source	The pressure gauge on Well #1 was broken. Install a working pressure gauge on the discharge piping of Well #1. The discharge piping of Well #1 was beginning to show signs of rust and corrosion. The piping must be cleaned and repainted to prevent damage to the pipe. Paint and clean the discharge piping of Well #1. (See Attachment #2)
FACILITY	CATEGORY	FINDINGS
1021011-002 - WELL #2 (SOUTH WELL)	Source	The discharge piping of Well #2 was beginning to show signs of rust and corrosion. The piping must be cleaned and repainted to prevent damage to the pipe. Paint and clean the discharge piping of Well #2. (See Attachment #2)
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	Due to erosion caused by the orientation of the ground storage tank drain and overflow, a pool of water had accumulated near the ground storage tank. The ground around the tank must be graded to prevent standing water. Fill in the erosion and either direct flow from the tank drain and overflow towards the existing concrete

		splash pad or extend the concrete pad to cover the eroded area. (See Attachment #3) The pressure gauge on the ground storage tank was broken at the time of inspection. Replace the broken gauge with a properly working pressure gauge.
FACILITY	CATEGORY	FINDINGS
TP001 - WELL #1 & WELL #2	Treatment	The light in the chlorine building was broken at the time of inspection. Replace the light bulb in the chlorine 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
TP001 - WELL #1 & WELL #2	Treatment	The chlorine bottles in the chlorine building were not restrained by chains at the time of inspection. Chlorine cylinders should be restrained in position to prevent upset. Chain the chlorine bottles. (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
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

Violation Number	Violation Date	Analyte	Compliance Period
8006623	03/07/2019	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
03/01/2019	0.186 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
03/01/2019	0.188 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
03/01/2019	0.184 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
03/01/2019	0.170 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
12/10/2018	0.156 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
12/10/2018	0.152 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
12/10/2018	0.166 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
12/10/2018	0.179 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
09/14/2018	139 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
09/14/2018	136 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
09/14/2018	166 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
09/14/2018	180 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
06/06/2018	131 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2018 - 06/30/2018
06/06/2018	138 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2018 - 06/30/2018
06/06/2018	170 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018

06/06/2018	188 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
04/16/2018	129 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2018 - 03/31/2018
04/16/2018	131 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2018 - 03/31/2018
04/16/2018	183 UG/L	80 UG/L	TTHM	01/01/2018 - 03/31/2018
04/16/2018	193 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
8006618	01/03/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	12/01/2018 - 12/31/2018
8006607	08/29/2018	PUBLIC NOTICE RULE LINKED TO VIOLATION	
8006606	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 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 – Well #2 Casing Vent



Attachment #2 – Well #1 & Well #2 Discharge Piping

Attachments (cont.)



Attachment #3 – Ground Storage Tank Overflow Erosion



Attachment #4 – TP001 Unchained Chlorine Cylinders

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 3241

August 30, 2019

Michael Fewell
CAMERON PARISH WW DISTRICT 2
P.O. Box 334
Hackberry, LA 70645

Re: Class I Sanitary Survey
CAMERON PARISH WW DISTRICT 2 Public Water System
PWS ID LA1023002
CAMERON Parish

Dear Mr. Fewell:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 29, 2019 sanitary survey inspection of the public water supply system for CAMERON PARISH WW 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
Steven R. Joubert	OPH-Region V Engineering
Kelly Cloud	Cameron Parish WW Dist No 2
Glenn Welch	Cameron Parish WW Dist 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).

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

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.

The water system is currently doing a great job of recording chlorine residuals at all the required locations and intervals. It was suggested that the water system could report all the required ACR readings on one Report 3 form for an entire year. This would help with reducing paper and proper record retention. It was noted that that all forms being used are outdated. Please begin recording on "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. Copies of the chlorine residual form has also been included in this correspondence.

Written Response Required

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 Engineer

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

Instructions to Complete/Submit your:

Request for *Approved Chemical Laboratory/Drinking Water* Form

I. Description of Column Headings on the Form

Analyte
Analyte means the contaminant or value for which you are performing the analysis. The heading of this column is not "chemicals" because temperature, UV_{254} and turbidity are not chemicals.

Method (& Analyzer Type)
Under "Method (& Analyzer Type)", you should write the analytical method that you use to measure for each analyte. Whenever *Standard Methods for the Examination of Water and Wastewater* (SM) is cited, please specify which Edition. For example, Turbidity→SM 2130 B (19th Edition). If a particular kind of analyzer is used, write that in this blank also (for example: Hach 1720D).

Accuracy
Specify the number of decimal places to which you can accurately report the value for each analyte. For those analytes that have required accuracy levels, you may only report whether you can or cannot measure to the required accuracy.

Calibration
You should report the *frequency* and *method* with which you calibrate your equipment in the appropriate column. For some methods, the Louisiana Department of Health and Hospitals (DHH) - Office of Public Health (OPH) has rules about calibration. These rules are in Part XII of Title 51 of the Louisiana Administrative Code – Sanitary Code, specifically in LAC 51:XII.1107-1111.

Record Retention
Under "Record Retention," you should state how long you retain records of your data. For some analytes, DHH-OPH has rules about record retention. These rules are in the Part XII of Title 51 of the Louisiana Administrative Code – Sanitary Code, specifically in LAC 51:XII.311.A, 367.A, 1107.F, 1109.D, 1110.E, & 1111.C.

II. Definitions

***Approved* chemical laboratory/drinking water**—a laboratory approved by the state health officer under the requirements of Chapter 15 of Part XII of Title 51 of the Louisiana Administrative Code (LAC 51:XII.Chapter 15) to analyze and report compliance monitoring sample results for certain physical and chemical analytes associated with drinking water which are not required to be analyzed in a *Certified* chemical laboratory/drinking water. (Hereinafter referred to as *approved* chemical laboratory.)

***Certified* chemical laboratory/drinking water**—a laboratory meeting the requirements contained within the *Laboratory Certification Manual* and which has been officially certified by the state health officer to analyze and report compliance monitoring sample results for one or more physical, chemical, or radiological parameters associated with drinking water. Certification may be obtained on a parameter-by-parameter basis only. (Hereinafter referred to as a *certified* chemical laboratory.)

III. General/Other Relevant Information

Approved Chemical Laboratory Analytes
Public water systems (PWSs) must run a number of samples at an *approved* chemical laboratory. Such a laboratory is required to be *approved* by DHH-OPH. The purpose of the "Request for *Approved* Chemical Laboratory/Drinking Water Form" is to seek DHH-OPH's approval of your lab. Many PWSs will get their own lab approved and will then be authorized to analyze for such samples using their own lab.

The *approved chemical laboratory* analytes are:

- daily point-of-entry (POE) chlorite levels
- daily fluoride levels
- daily corrosion inhibitor concentrations (orthophosphate and silica)
- pH
- calcium
- conductivity
- temperature
- alkalinity
- turbidity
- disinfectant residual
- bromide
- chlorine dioxide
- dissolved organic carbon (DOC) *
- total organic carbon (TOC) *
- ultraviolet light absorbance at 254 nm (UV_{254}) *
- jar test for ACC#6 (as per LAC 51:XII.1311.B)
- jar tests for determining optimum coagulant dose (including Step2 TOC removal per LAC 51:XII.1309)
- other drinking water analytes that are not required to be analyzed in a *certified* chemical laboratory under the requirements of LAC 51:XII and USEPA's National Primary Drinking Water Regulations (NPDWRs = 40 CFR Part 141).

* Starting January 1, 2005, these must be analyzed by a DHH-OPH *certified* chemical laboratory.

Lab Approval Procedure
In order for a PWS's laboratory to be approved by DHH-OPH, the PWS must submit (and have approved) the Request for *Approved* Chemical Laboratory/Drinking Water Form, indicating the methods and quality control procedures used at the PWS. The certified operator with responsibility for laboratory operations must sign the form. If the PWS has dedicated laboratory staff, the person responsible for the laboratory may sign the form in lieu of the certified operator. The DHH-OPH will review these forms upon receipt and contact the system if the form is incomplete or if the methods noted are not acceptable. For more information on the lab approval procedure, refer to LAC 51:XII.1501-1509.

If the PWS sends any of the samples listed on the Request for *Approved* Chemical Laboratory/Drinking Water Form to an off-site lab, it shall be the responsibility of the PWS to notify each such off-site laboratory to submit its own Request for *Approved* Chemical Laboratory/Drinking Water Form to the state health officer. The person responsible for the off-site laboratory must legibly print or type his/her name and the laboratory's name, address and telephone number on the form. All forms shall be signed by the person responsible for the off-site laboratory. In addition, such person shall indicate whether or not the lab is certified by DHH-OPH as a *certified* chemical laboratory.

Analytes Run by Other Labs
PWSs may have analyses run by commercial laboratories or other water system laboratories, if those off-site laboratories are approved by DHH-OPH. When you fill out the laboratory approval form, write the name of the off-site lab in the line for the analyte they measure. The off-site lab should give the PWS a copy of their Request for *Approved* Chemical Laboratory/Drinking Water Form.

"Not Required" Analytes
The analytes that are listed on the form include all of those for which the tests must be performed at an *approved* chemical laboratory. Your system may not be required to test for all of the analytes on the list. For example, if your system treats groundwater, you are not required to measure turbidity, and you should write "Not Required" on the form in the line for turbidity. As another example, only systems that use chlorine dioxide must measure chlorite and chlorine dioxide. If you do not use chlorine dioxide, write the words "Not Required" in the spaces for chlorite and chlorine dioxide. Calcium, orthophosphate, and silica are also examples of chemicals a system may not be required to measure. If you are not required to optimize corrosion control as a result of the Lead/Copper Rule, write "Not Required" on the lines for calcium, orthophosphate, and silica.

Corrosion Control/Sequestering Agents
For those systems that are adding a corrosion control chemical for compliance with the Lead/Copper Rule, then you must complete the form and be sure to include information relative to any analytes associated with achieving or maintaining the Optimal Corrosion Control Treatment (OCCT) requirements.

For those systems that are adding a sequestering agent(s) to control a secondary contaminant, such as iron and/or manganese, please indicate on the form that the introduction of these chemicals into the drinking water is not for compliance with a primary drinking water regulation, such as lead and/or copper, so that LDHH-OPH is aware that laboratory approval of the laboratory methodology for such sequestering agent(s) is not required. However, even if your system adds sequestering agents or other chemicals only for the control of secondary contaminants, such as iron and/or manganese, please still complete and submit a Request for *Approved* Chemical Laboratory/Drinking Water form detailing the laboratory methodology used for disinfectant residual.

Certified Chemical Laboratory Analytes

Public water systems must have the following analyses performed by a *certified* chemical laboratory that has been *certified* by DHH-OPH's Division of Laboratory Services:

- bacteria
- trihalomethanes (TTHMs)
- haloacetic acids (HAA5s)
- bromate
- synthetic organic chemicals (SOCs)
- volatile organic chemicals (VOCs)
- inorganic chemicals (IOCs)
- monthly distribution system chlorite
- dissolved organic carbon (DOC) [*Starting January 1, 2005*]
- total organic carbon (TOC) [*Starting January 1, 2005*]
- ultraviolet light absorbance at 254 nm (UV_{254}) [*Starting January 1, 2005*]

Except for bromate, TOC, DOC, UV_{254}, monthly chlorite samples, and TTHMs and HAA5s collected by PWSs themselves (Community Water Systems (CWSs) and Non-Transient Non-Community Water Systems (NTNCWSs) serving <10,000 individuals which use a chemical disinfectant), all the other samples/analytes which require a *certified* chemical laboratory are collected by DHH-OPH's sanitarians and are delivered to DHH's Division of Laboratory Services for analysis.

Lab Versus Operator Sampling

At many PWSs, the laboratory does some sampling and the water plant operators do other sampling. If that is the case for your PWS, you can use two separate forms. One form should list the analyses run by the laboratory and be signed by the lab analyst and the other form should list the analyses run by the plant operator and be signed by the plant operator.

Monitoring Plan

A copy of the Request for *Approved* Chemical Laboratory/Drinking Water Form must be attached to the system's D/DBPR monitoring plan. For information on D/DBPR monitoring plans, contact your DHH-OPH District Office. On the D/DBPR monitoring plan, the system must attach documentation showing that any off-site labs it uses are *approved* or *certified*, as appropriate. If you send *approved* chemical laboratory analytes to a different public water system's lab, that public water system's lab must be DHH-

OPH *approved* for the particular analyte(s). You must attach a copy of that public water system lab's Request for *Approved* Chemical Laboratory/Drinking Water Form.

Disclaimer Statement

Please note that LAC 51:XII.1507.D requires that all correspondence, certificates, advertisements, laboratory results, etc., to or from an *approved* chemical laboratory shall state prominently in bold lettering the following statement:

> **This "DHH-OPH *Approved* Chemical Laboratory/Drinking Water" does not meet the higher criteria required by DHH-OPH to be classified as a "DHH-OPH *Certified* Chemical Laboratory/Drinking Water"; therefore, any results reported from this laboratory for drinking water parameters which are required to be analyzed in a certified chemical laboratory are officially deemed invalid.**

PWS ID: _____ DATE: _____

LDHH-OPH

Request for Approved Chemical Laboratory/Drinking Water Form

Water System Name: _____

Address, City, State, Zip: _____

Analyte[1]		Method & Analyzer Type	Accuracy	Calibration		Record Retention
				Frequency	Method	
Calcium						
Orthophosphate						
Silicia						
pH						
Conductivity						
Temperature						
Alkalinity						
Disinfection (plant/well)	Free Chlorine					
	Total Chlorine					
	Chlorine Dioxide					
	Ozone					
Disinfection (distribution)	Free Chlorine					
	Total Chlorine					
	Chlorine Dioxide					
	Ozone					
Chlorite						
Fluoride						

PWS ID: _____ DATE: _____

Analyte[1]	Method & Analyzer Type	Accuracy	Calibration		Record Retention
			Frequency	Method	
Step 2 Jar Test[2]					
ACC #6 Jar Test[2]					
Turbidity					
Chloride[3]					
Color[3]					
Foaming Agents[3]					
Iron[3]					
Manganese[3]					
Odor[3]					
Silver[3]					
Sulfate[3]					
Total Dissolved Solids[3]					
Zinc[3]					
Aluminum[3]					
Other _____					
Other _____					
Other _____					

1 Write "Not Applicable" next to analytes you are not required to measure. If samples are sent to an off site laboratory, write the name of the lab next to the analytes you send there.

2 Provide the name of the document used [*e.g.*, TCEQ Total Organic Carbon Guidance Manual (Septemebr 2002)] and list the specific procedure utilized on a separate attachment.

3 These are secondary analytes not used for compliance. Completion of these rows is optional

PWS ID: _____ DATE:_____

I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate

_____

Signature Date

_____

Name
(Print Legibly)

After completion, please submit this "*Request for Approved Chemical Laboratory/ Drinking Water* Form" to:

Attn: Sean Nolan, E.I.
Office Of Public Health-Engineering Services
P.O. Box 4489
Baton Rouge, LA 70821-4489

Disclaimer Statement

This "DHH-OPH *Approved* Chemical Laboratory /Drinking Water" does not meet the higher criteria required by DHH-OPH to be classified as a 'DHH-OPH *Certified* Chemical Laboratory/Drinking Water"; therefore, any results reported from this laboratory for drinking water parameters which are required to be analyzed in a certified chemcial laboratory are officiallty deemed invalid.

Off-Site Lab

Complete only if you use an off-site lab for one or more of the listed analytes

_____

Name of Company or Lab

_____

Address, City, State, Zip

_____

Lab Contact Name Telephone or e-mail

Analytes tested at off-site lab: _____

_____

Is this laboratory *certified* by DHH/OPH? _____

LOUISIANA DEPARTMENT OF HEALTH & HOSPITALS - OFFICE OF PUBLIC HEALTH

SAFE DRINKING WATER PROGRAM
REPORT #1

MONTHLY CHLORINE RESIDUAL REPORT AT ENTRY POINT INTO DISTRIBUTION SYSTEM/LEAVING THE PLANT

MONTH _____ **YEAR** _____

PWS ID:
SUPPLY NAME:
CITY:
PARISH:
TELEPHONE:
NAME OF CONTACT:
TYPE OF CHLORINE USED:
ENTRY POINT INTO DISTRIBUTION SYSTEM (SPECIFY):

ACTION TAKEN IF FREE CHLORINE RESIDUAL IS LESS THAN _____ MILLIGRAMS PER LITER

DATE	TIME	ACTION TAKEN

CONTINUE ON OPPOSITE SIDE IF NEEDED

I DECLARE UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT.

_____

SIGNATURE OF RESPONSIBLE PARTY DATE

DATE	TIME	CHLORINE RESIDUAL FREE	CHLORINE RESIDUAL TOTAL	INITIALS OF TESTER
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				

CHLORINE RESIDUAL RECORDED IN MILLIGRAMS PER LITER

LOUISIANA DEPARTMENT OF HEALTH & HOSPITALS - OFFICE OF PUBLIC HEALTH

SAFE DRINKING WATER PROGRAM
REPORT #2

MONTHLY CHLORINE RESIDUAL REPORT AT POINT OF MAXIMUM RESIDENCE TIME

MONTH _____ **YEAR** _____

PWS ID:
SUPPLY NAME:
CITY:
PARISH:
TELEPHONE:
NAME OF CONTACT:
TYPE OF CHLORINE USED:
POINT OF MAXIMUM RESIDENCE TIME (SPECIFY):

ACTION TAKEN IF TOTAL CHLORINE RESIDUAL IS LESS THAN _____ MILLIGRAMS PER LITER

DATE	TIME	ACTION TAKEN

CONTINUE ON OPPOSITE SIDE IF NEEDED

I DECLARE UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT.

_____ | _____

SIGNATURE OF RESPONSIBLE PARTY DATE

DATE	TIME	CHLORINE RESIDUAL FREE	CHLORINE RESIDUAL TOTAL	INITIALS OF TESTER
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				

CHLORINE RESIDUAL RECORDED IN MILLIGRAMS PER LITER

LOUISIANA DEPARTMENT OF HEALTH & HOSPITALS - OFFICE OF PUBLIC HEALTH

SAFE DRINKING WATER PROGRAM
REPORT #3

MONTHLY CHLORINE RESIDUAL REPORT AT ADDITIONAL MONITORING SITES

MONTH _____ **YEAR** _____

PWS ID:
SUPPLY NAME:
PARISH:
TELEPHONE:
NAME OF CONTACT:
DISINFECTANT: **CHLORINE**____ **CHLORAMINES**____

ACTION TAKEN IF FREE CHLORINE RESIDUAL IS LESS THAN 0.5 MILLIGRAMS PER LITER

DATE	TIME	ACTION TAKEN

CONTINUE ON OPPOSITE SIDE IF NEEDED

I DECLARE UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT.

_____

SIGNATURE OF RESPONSIBLE PARTY

_____

DATE

Location	Day (1-31)	Time	Free Cl_2	Total Cl_2	Initial of Tester

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 2664

March 6, 2019

Jude Primeaux
CAMERON PARISH WW DISTRICT 7
184 East Creole Hwy
Creole, LA 70632

Re: Class I Sanitary Survey
CAMERON PARISH WW DISTRICT 7 Public Water System
PWS ID LA1023003
CAMERON Parish

Dear Mr. Primeaux:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 13, 2019 sanitary survey inspection of the public water supply system for CAMERON PARISH WW DISTRICT 7 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Mary Canik	Cameron Parish Water Works #7
Craig Guillory	Cameron Parish Water Works #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

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	Available dedicated standby power is not functional. The water system must explore every effort to have 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. It was noted at the time of the survey that the generator at the old office well site has been non-functional.
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.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The piping in the distribution system at W. Creole Hwy and Desire Rd intersection is severely corroded. The piping must be cleaned, treated and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. The water system must inspect the piping to determine, if painting is an effective solution. If pipe replacement is needed that involves a different path or alignment, plans and specifications by a LA licensed engineer must be provided for LDH review and approval prior to construction. ***(See Attachment A.6.)***

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 - HD TANK @ WL004	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 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 A.1.)***
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TANK. LE BLANC RD	Finished Water Storage	The screen on the overflow pipe of the elevated tower is clogged. The overflow piping must be screened with a four mesh, non-corrodible screen. Replace clogged screen with a four mesh, non-corrodible screen or repair existing screen to render it free of any clogs to provide protection at all times. ***(See Attachment A.2.)***

FACILITY	CATEGORY	FINDINGS
1023003-002 - WELL #2 - OFFICE 1023003-003 - WELL #3 - CAMILLE ST 1023003-005 - WELL #5 - TOWER RD	Source	The wells discharge piping are showing signs of rust, corrosion and flaking paint. The wells discharge piping must be cleaned, treated and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. ***(See Attachments A.3., A.4. and A.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.

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

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
10/15/2018	94 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
07/10/2018	104 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
5003719	09/21/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	09/01/2018 - 09/30/2018
5003717	07/09/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2018 - 06/30/2018
5003716	03/16/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	03/01/2018 - 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 337-475-3232.

Respectfully,



Solomon Angwafo, E.I.
Engineer Intern

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

Attachment A.1. **Hydropneumatic Tank – Inspection/Painting**
Facility Type: HD001
Category: **Storage**



Attachment A.2. **Elevated Tower – Overflow - screen clogged**
Facility Type: EL001 - Elevated Tower
Category: **Storage**



Attachment A.3. **Tower Site Well - showing signs of rust, corrosion and flaky paint**
Facility Type: Well #5
Category: **Source**



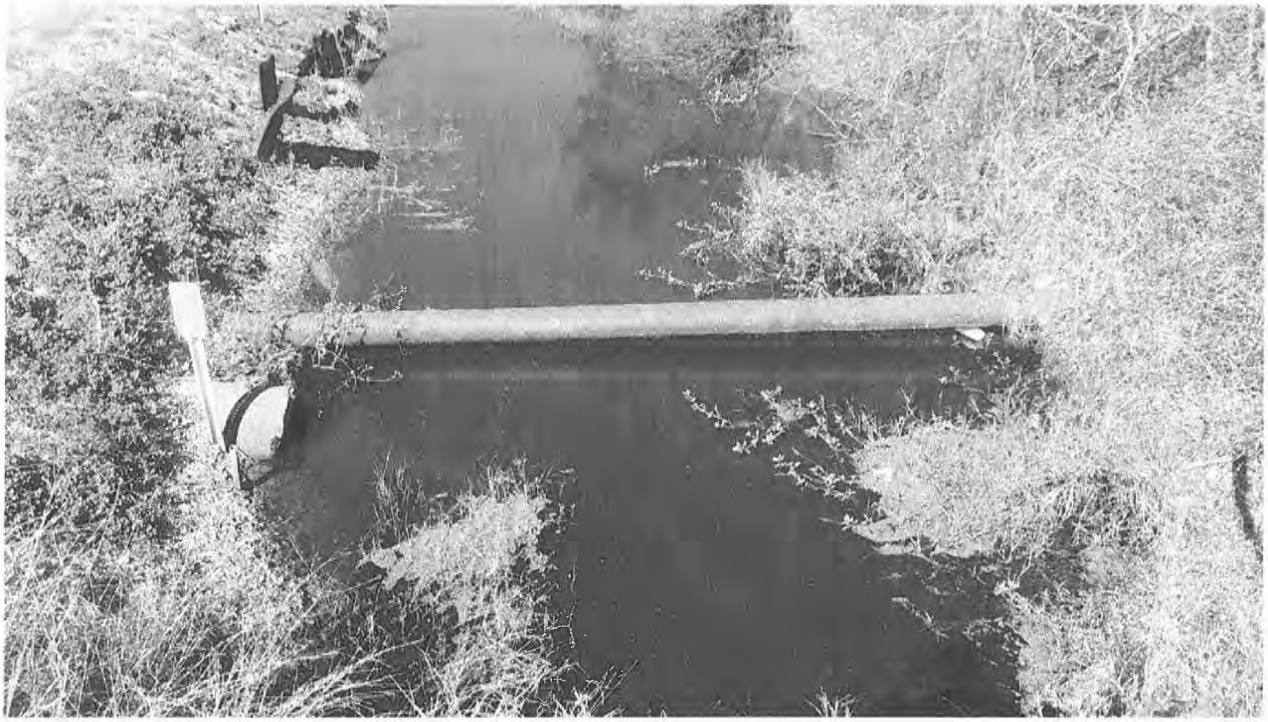
Attachment A.4. **Camille St Well - showing signs of rust, corrosion and flaky paint**
Facility Type: Well #4
Category: **Source**



Attachment A.5. **Office Site Well showing signs of rust, corrosion and flaky paint**
Facility Type: Well #2
Category: **Source**



Attachment A.6. **Distribution System Piping W Creole Hwy & Desire Rd Intersection**
Facility Type: Distribution
Category: **Distribution**



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 2756

April 25, 2019

Nathan Griffith
CAMERON PARISH WW DISTRICT 10
6246 Gulf Beach Hwy.
Johnson Bayou, LA 70631

Re: Class I Sanitary Survey
CAMERON PARISH WW DISTRICT 10 Public Water System
PWS ID LA1023005
CAMERON Parish

Dear Mr. Griffith:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 15, 2019 sanitary survey inspection of the public water supply system for CAMERON PARISH WW DISTRICT 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
Solomon Angwafo	OPH-Region V Engineering
Jeffery Landry	Cameron Parish WW District #10
Carl Trahan	Cameron Parish WW District #10
Mark Young	Cameron Parish WW District #10

NOTICE OF VIOLATIONS

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

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

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	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. The water system has submitted the required documentation to achieve compliance. Please update this office when this certificate has been obtained.

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 – 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

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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
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: 7016 2710 0000 4927 6613

October 28, 2019

Chris Freeman
Black River Water System
PO Box 624
Harrisonburg, LA 71340

Re: Class I Sanitary Survey
Black River Water System
PWS ID LA1025002
Catahoula 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 October 21, 2019 sanitary survey inspection of the public water supply system for Black River 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
Rachael Bruce	LDH OPH Engineering Services
Mike McGuffee	JCP Management Inc
James Monroe	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
10/19/2017	10/23/2017	Sanitary Survey, Finished	Significant	Source	1025002-002-WELL 2 IN YARD WITH WELL 1
Comments: Well #2 is to be properly abandoned. Abandoned water wells and well holes shall be plugged in accordance with the Louisiana Water Well Rules, Regulations, and Standards. Well #2 needs to be properly plugged. Additional information for an extension request is required within 7 days of receipt of a letter from LDH dated 5/21/2018. Extension granted for completion by November 2019 with updates to be provided every 90 days (LDH letter dated 6/7/2018).					
Visit Date	Notify Date	Reason	Severity	Category	Facility
10/19/2017	10/23/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-ELEVATED
Comments: The elevated storage tank had visible mildew and surface rust. The tank needs to be inspected, cleaned, repaired, or replaced as needed. At the very minimal a cleaning and new coat of paint is needed to protect from further rust and tank deterioration.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	The fencing at the EST-002 and EST-001 locations is damaged. The water system shall repair the damaged areas of the fencing. **See Attachment #1 and #2**
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The CCCP has not been fully implemented. The water system will fully implement their CCCP.
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND	Finished Water Storage	The overflow is less than 2 feet above the ground surface. The water system shall repair the overflow so that it is at least 2 feet above the ground surface. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
1025002-003 - WELL 3 BY GROUND TANK	Source	The area around the well is excessively wet. The area around the well must be well drained and facilitate the rapid removal of water within a 50' radius of the well. The ponding water presents a potential source of contamination. **See Attachment #10**

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The sample tap for the MRT-010 and ACR-007 are not suitable taps. The water system will repair or replace the sample taps for MRT-010 and ACR-007.
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND	Finished Water Storage	From review the finished water storage facilities (elevated towers, 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
GR001 - GROUND	Finished Water Storage	The area around the GST is not graded so as to prevent surface water from pooling. The water system shall grade the area to prevent water from standing with 50 feet of the GST. **See Attachment #7**
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND	Finished Water Storage	The area around the GST was not graded to prevent water from standing within 50 feet of it. The water system shall grade the area around the GST.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	The EST shows signs of corrosion. The water system shall provide proper protection to the metal surface by painting or other protective coatings. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
EL002 - ELEVATED	Finished Water Storage	The overflow is not at an elevation between 12 and 24 inches above the ground surface, and does not discharge over a drainage inlet structure or splash plate. The water system shall bring the overflow down to 12 and 24 inches above the ground surface and install a drainage inlet structure or splash plate.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	The overflow provided is not between 12 and 24 inches above the ground surface. The water system shall raise the overflow to at least 12 inches above the ground surface. **See Attachment #6 and #7**
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND	Finished Water Storage	The overflow was not located so that the discharge was visible. The water system shall remove the pipe from the overflow in order to make the discharge visible. **See Attachment #5 and #4**
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	The screen on the overflow pipe is not at least 24 mesh non-corrodible. The water system shall replace the current screen with 24 mesh non-corrodible screen.

FACILITY	CATEGORY	FINDINGS
GR002 - GROUND	Finished Water Storage	There is no level gauge for the ground storage tank. The water system shall install a level gauge for the ground storage tank.
FACILITY	CATEGORY	FINDINGS
TP007 - TREATMENT PLANT	Treatment	Liquid chemical storage tank does not have a receiving basin capable of receiving accidental spills or overflows. The water system shall provide a receiving basin for liquid chemical tank.
FACILITY	CATEGORY	FINDINGS
TP007 - TREATMENT PLANT	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. The chlorine gas room must have separate switches for the fan and lights located outside of the chlorine room. The light in the chlorine room is currently not operational. Install separate switches outside of the chlorine room to control the lighting and ventilating fan. **See Attachment #11 and #12**
FACILITY	CATEGORY	FINDINGS
1025002-003 - WELL 3 BY GROUND TANK	Source	The air release-vacuum relief valve is less than 18 inches above the floor. The water system shall raise the valve to at least 18 inches above the floor.
FACILITY	CATEGORY	FINDINGS
1025002-003 - WELL 3 BY GROUND TANK	Source	The casing vent is not properly screened. The water system shall install a 24 mesh non-corrodible screen on the casing vent. **See Attachment #9, #10 and #8**
FACILITY	CATEGORY	FINDINGS
1025002-003 - WELL 3 BY GROUND TANK	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.

FACILITY	CATEGORY	FINDINGS
TP007 - TREATMENT PLANT	Treatment	Weighing scales are not provided for weighing cylinders at treatment plant. The water system should install 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 – 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

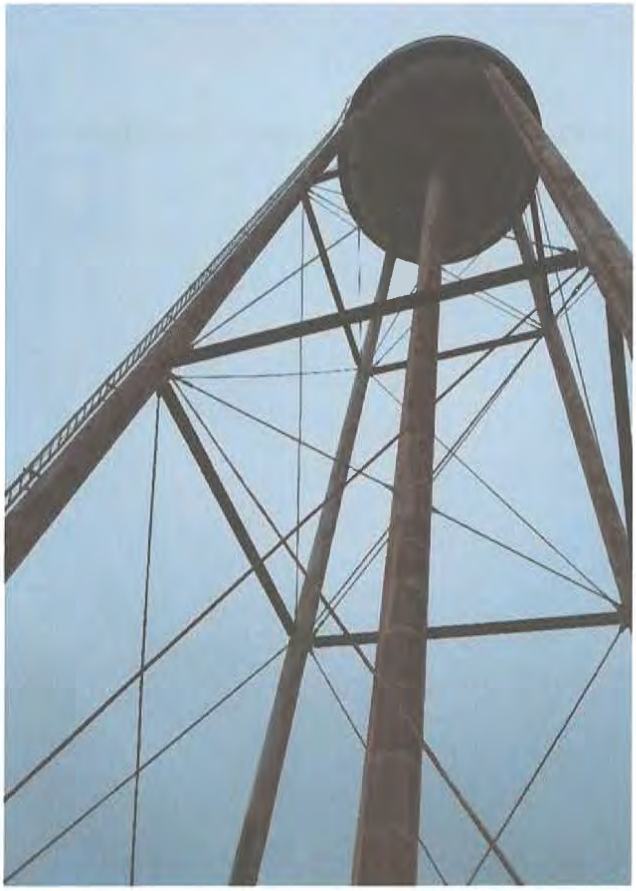


Attachment #1
Severity: Significant
Category: Security
Attachment Comments: EST-002 fencing damage



Attachment #2
Severity: Significant
Category: Security
Attachment Comments: Fencing damage at EST-001

Office of Public Health ▪ Central Region VI
5604-B Coliseum Boulevard ▪ Alexandria, Louisiana 71303
Phone #: 318-487-5282 ▪ Fax #: 318-487-5338 ▪ www.ldh.la.gov
"An Equal Opportunity Employer"



Attachment #3
Severity: Minor
Facility ID: ELEVATED
Category: Finished Water Storage
Attachment Comments: EST-001



Attachment #4
Severity: Minor
Facility ID: GROUND
Category: Finished Water Storage
Attachment Comments: Black flexible pipe connected to overflow pipe



Attachment #5
Severity: Minor
Facility ID: GROUND
Category: Finished Water Storage
Attachment Comments: No level gauge on GST



Attachment #6
Severity: Minor
Facility ID: GROUND
Category: Finished Water Storage
Attachment Comments: The overflow is less than 12 inches from the ground surface.



Attachment #7
Severity: Minor
Facility ID: GROUND
Category: Finished Water Storage
Attachment Comments: Pooling water around the GST



Attachment #8
Severity: Minor
Facility ID: WELL 3 BY GROUND TANK
Category: Source
Attachment Comments: Well 3



Attachment #9
Severity: Minor
Facility ID: WELL 3 BY GROUND TANK
Category: Source
Attachment Comments: Air relief valve is not 18 inches above the floor



Attachment #10
Severity: Minor
Facility ID: WELL 3 BY GROUND TANK
Category: Source
Attachment Comments: Pooling water around the well



Attachment #11
Severity: Minor
Facility ID: TREATMENT PLANT
Category: Treatment
Attachment Comments: Weighing scales not provided



Attachment #12
Severity: Minor
Facility ID: TREATMENT PLANT
Category: Treatment
Attachment Comments: Liquid chemical storage tank

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 5982

August 12, 2019

John Tiser
Enterprise Water System
691 Catahoula Church Road
Enterprise, LA 71425

Re: Class I Sanitary Survey
Enterprise Water System
PWS ID LA1025003
Catahoula Parish

Dear Mr. Tiser:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 31, 2019 sanitary survey inspection of the public water supply system for ENTERPRISE 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
Rachael Bruce	LDH OPH Engineering Services
William Charlot	LDH OPH Engineering Services
Mike 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/09/2017	10/19/2017	Sanitary Survey, Finished	Significant	Other	Management
Comments: At the time of the inspection several items were noted that require attention. The current platform utilized for protecting the treatment plant, generator and wells from flooding shows signs of age, wear and tear. The platform will need to be addressed when the new treatment facility is proposed.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
10/09/2017	10/19/2017	Sanitary Survey, Finished	Significant	Other	Management
Comments: In addition to water loss occurring due to the elevated storage tank, the distribution system has experienced breaks that add to the high percentage of water loss. The average water loss during 2017 is 69.8% with the highest water loss noted in February 2017. The water system must identify the locations in the distribution system that are contributing to the water loss and address the issue in the water system upgrade project currently being designed. It was noted that some water loss does occur through the recently established automatic flushing program.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
08/08/2017	08/10/2017	Investigation (complaint/violation/etc.)	Minor	Finished Water Storage	GR001-GROUND TANK BOOSTER STATION
Comments: Ground/soil around the storage tank and booster station should be built up and covered with erosion prevention covering and construction grade gravel to eliminate washout of the foundation.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
08/08/2017	08/10/2017	Investigation (complaint/violation/etc.)	Minor	Treatment	TP001-DISINFECTION
Comments: Chlorine building in disrepair and should be serviced or replaced.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
04/22/2015	05/15/2015	Sanitary Survey, Finished	Minor	Treatment	TP001-DISINFECTION
Comments: Adequate housing must be provided for storing chlorine cylinders that are empty or not in use in order for them not to be exposed to direct sunlight or excessive heat. The chlorine cylinders near the chlorine building needs to be stored in a building.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
04/22/2015	05/15/2015	Sanitary Survey, Finished	Minor	Treatment	TP001-DISINFECTION
Comments: Adequate housing must be provided for the chlorination equipment and the chlorine cylinders that are in use. The door of the chlorine building does not have a door knob and needs to be repaired or replaced.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
04/22/2015	05/15/2015	Sanitary Survey, Finished	Minor	Treatment	TP001-DISINFECTION
Comments: A ventilating fan is required for each room where chlorine gas is used. The chlorine building does not have a fan.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
PF002 - BOOSTER PUMPS VARIABLE SPEED	Pump/pumping facility and control	Check valve was leaking on pump closest to road. The water system shall repair the check valve on the pump. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND TANK BOOSTER STATION	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 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
1025003-001 - WELL 1 SOUTH	Source	The pressure gauge on the well was inadequate to measure system pressure. The water system shall install a pressure gauge to accurately measure the system pressure. **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: 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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1902389-001	Routine	5/7/2019		0.040	0.030

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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
6000560	05/10/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	05/01/2019 - 05/31/2019
6000558	01/10/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
6000557	12/04/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	11/01/2018 - 11/30/2018
6000555	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)487-5282x250.

Respectfully,

Rachael Bruce,
Region 6 Chemical Sanitarian

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



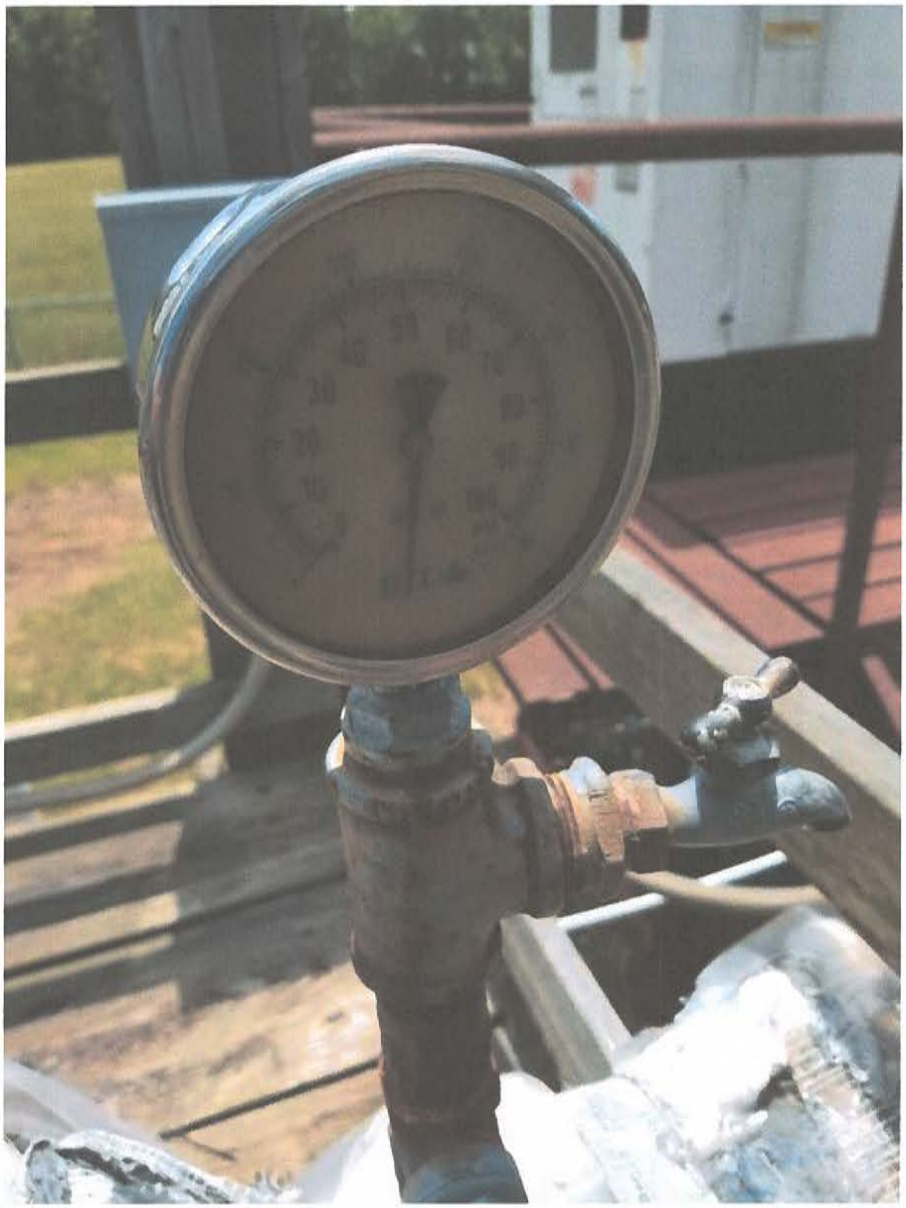
Attachment #1

Severity: Minor

Facility ID: BOOSTER PUMPS VARIABLE SPEED

Category: Pump/pumping facility and control

Attachment Comments: Valve leaking on pump.



Attachment #2

Severity: Minor

Facility ID: WELL 1 SOUTH

Category: Source

Attachment Comments: Pressure gauge on 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 5975

September 16, 2019

Trey Peck
Leland Water System Inc.
PO Box 398
Sicily Island, LA 71368

Re: Class I Sanitary Survey
Leland Water System Inc.
PWS ID LA1025007
Catahoula Parish

Dear Mr. Peck:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 3, 2019 sanitary survey inspection of the public water supply system for Leland 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
Rachael Bruce	LDH OPH Engineering Services
William Charlot	LDH OPH Engineering Services
Mike 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/19/2017	10/23/2017	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: A formal cross connection control survey is to be made for the Leland Water System. This will reduce the likelihood of a backflow incident. Extension granted in letter dated 6/29/2018 to have remaining item completed by 1/1/2019.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1025007-001 - WELL 1 DOWNHILL	Source	The concrete slab around the well shows signs of erosion and the area is not graded away from well. The water system shall fill in the eroded areas and properly grade around the cover in order to prevent any possible contamination into the well.
FACILITY	CATEGORY	FINDINGS
1025007-002 - WELL 2 UPHILL	Source	The well slab around the well showed signs of erosion. The water system shall fill in these areas to prevent possible contamination of the well. **See Attachment #1 and #2**

Deficiencies

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 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
1025007-002 - WELL 2 UPHILL	Source	The well discharge piping is showing signs of rust or 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.

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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1905033-001	Routine	7/30/2019		1.310	
S1905033-002	Routine	7/30/2019		0.030	0.040

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

Violation Number	Violation Date	Violation Type	Compliance Period
6003025	08/07/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2019 - 07/31/2019
6003023	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) 487-5282x250.

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: Significant
Facility ID: WELL 2 UPHILL
Category: Source
Attachment Comments: Erosion around well 2



Attachment #2
Severity: Significant
Facility ID: WELL 2 UPHILL
Category: Source
Attachment Comments: Well 2

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 5999

June 4, 2019

Howard Hardie
Sandy Lake Water Supply
2349 Hwy 923
Jonesville, LA 71343

Re: Class I Sanitary Survey
Sandy Lake Water Supply
PWS ID LA1025008
Catahoula Parish

Dear Mr. Hardie:

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 SANDY LAKE 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 Engineering Services
Kenny Creel	Sandy Lake Water Supply
Lisa Cay	Sandy Lake Water Supply
James Monroe	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	The water system has not adopted and implemented a Cross Connection Control Plan. The water system shall adopt and implement a CCCP.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED ON HWY 126	Finished Water Storage	The overflow pipe at the Elevated Tank discharges directly into and terminates at the flow line of an existing drainage ditch with standing water. The overflow should be terminated at an elevation between 12 and 24 inches above the ground storage and discharge over a drainage inlet structure or splash plate **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
EL002 - ELEVATED HWY 923 BY OFFICE	Finished Water Storage	The overflow pipe at the Elevated Tank discharges directly into and terminates at the flow line of an existing drainage ditch with standing water. The overflow should be terminated at an elevation between 12 and 24 inches above the ground storage and discharge over a drainage inlet structure or splash plate. **See Attachment #2 and #1**
FACILITY	CATEGORY	FINDINGS
TP001 - DISINFECTION WELL 3 AND 4	Treatment	Automatic switch-over was not provided at the treatment plant for well 3. The water system should provide automatic switch-over to assure continuous disinfection. **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 3 AND 4	Treatment	Weighing scales are not provided for weighing chlorine gas cylinders. The water system should provide weighing scales. **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: 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,
Sanitarian 4

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

State of Louisiana

Department of Health

Office of Public Health



Attachment #1
Severity: Minor
Facility ID: ELEVATED HWY 923 BY OFFICE
Category: Finished Water Storage
Attachment Comments: EST Overflow



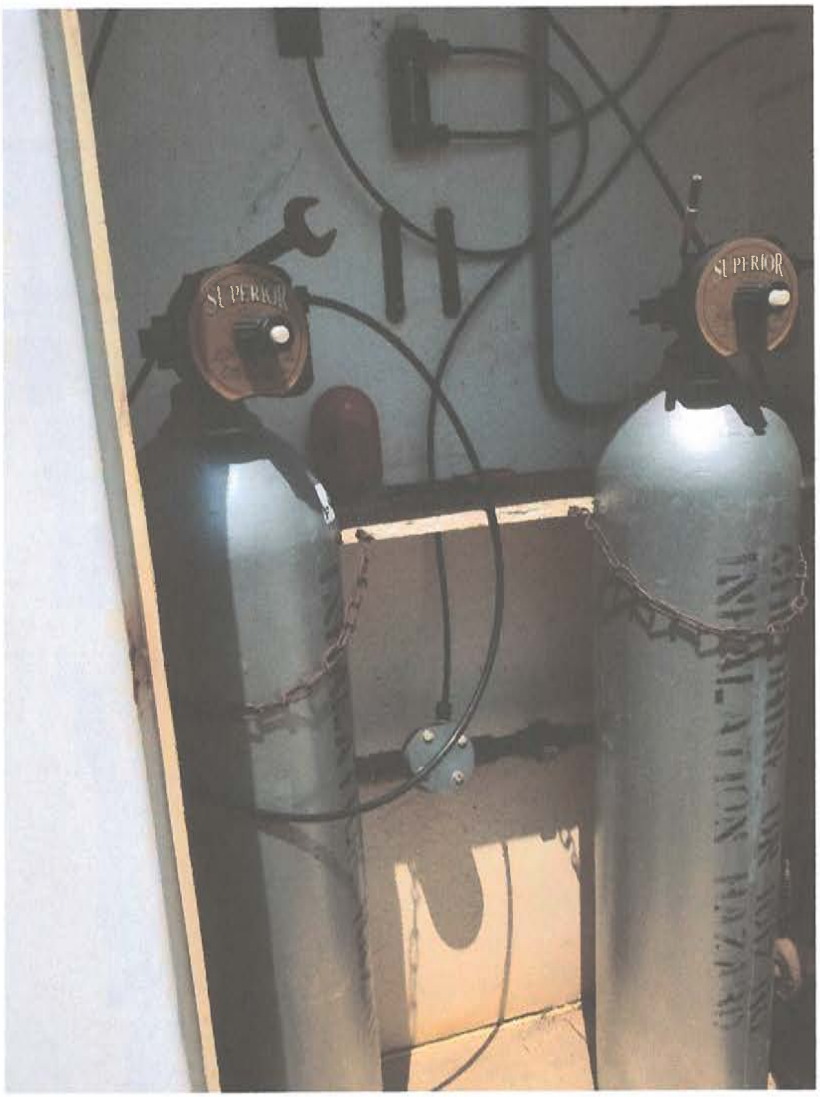
Attachment #2
Severity: Minor
Facility ID: ELEVATED HWY 923 BY OFFICE
Category: Finished Water Storage
Attachment Comments: EST Overflow to front road ditch



Attachment #3
Severity: Minor
Facility ID: ELEVATED ON HWY 126
Category: Finished Water Storage
Attachment Comments: EST Overflow



Attachment #4
Severity: Minor
Facility ID: DISINFECTION WELL 3 AND 4
Category: Treatment
Attachment Comments: Chlorine building for Well 3



Attachment #5
Severity: Recommendations
Facility ID: DISINFECTION WELL 3 AND 4
Category: Treatment
Attachment Comments: Chlorine building for Well 4

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 5968

September 18, 2019

Harold Cowan
Maitland Waterworks District
6243 Hwy 15
Clayton, LA 71326

Re: Class I Sanitary Survey
Maitland Waterworks District
PWS ID LA1025011
Catahoula Parish

Dear Mr. Cowan:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 4, 2019 sanitary survey inspection of the public water supply system for Maitland Waterworks District. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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 Engineering Services
Tony Fletcher	Maitland Waterworks 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 observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	There is no formal cross connection control plan developed. The water system must develop and implement a CCCP. 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
1025011-001 - WELL 1	Source	The concrete slab on the well showed signs of erosion. The water system shall properly fill in the areas that have eroded. **See Attachment #2 and #1**
FACILITY	CATEGORY	FINDINGS
1025011-002 - WELL 2	Source	The well casing shows signs of corrosion. The water system shall properly clean and paint the affected area. The discharge pipe from well is not properly covered/screened. The water system shall cover or screen the pipe to prevent possible contamination. **See Attachment #4 and #3**

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 TANK	Finished Water Storage	The tank has not been inspected since installed in 2012. Finished water storage facilities (elevated towers, 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
1025011-001 - WELL 1	Source	The discharge piping discharges to the front road ditch. The water system shall move the discharge or properly protect the discharge piping from possible 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 – 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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1901094-001	Routine	2/12/2019		1.530	

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

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: Significant
Facility ID: WELL 1
Category: Source
Attachment Comments: Erosion around concrete slab on Well 1

Office of Public Health ▪ Central Region VI
5604-B Coliseum Boulevard ▪ Alexandria, Louisiana 71303
Phone #: 318-487-5282 ▪ Fax #: 318-487-5338 ▪ www.ldh.la.gov
"An Equal Opportunity Employer"



Attachment #2
Severity: Significant
Facility ID: WELL 1
Category: Source
Attachment Comments: Pipe is run to front road ditch.



Attachment #3
Severity: Significant
Facility ID: WELL 2
Category: Source
Attachment Comments: Corrosion on well 2



Attachment #4
Severity: Significant
Facility ID: WELL 2
Category: Source
Attachment Comments: Discharge piping is not properly covered on Well 2.

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 2356\

January 31, 2019

Ann Brown
ATHENS WATER SYSTEM
P.O. Box 69
Athens, LA 71003

Re: Class I Sanitary Survey
ATHENS WATER SYSTEM Public Water System
PWS ID LA1027001
CLAIBORNE Parish

Dear Ms. Brown:

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 ATHENS 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
Ann Brown	Village Of Athens
Floyd Smith	LDH District 4 Engineering
Allen J Swayze	Village Of Athens

NOTICE OF VIOLATIONS

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

The following list 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 cross connection control plan 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.
FACILITY	CATEGORY	FINDINGS
1027001-005 - WELL #5	Source	Sample tap was removed. 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
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The sample tap location of TCR-006 could not be located. There was only a fire hydrant at this location. 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.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND TANK	Finished Water Storage	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. 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
EL001 - ELEVATED TANK	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. 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 - GROUND TANK	Finished Water Storage	The overflow pipe is not screened. The overflow pipe must be screened with 24 mesh non-corrodible 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.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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 - MAIN PLANT HWY 518	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized. 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: 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

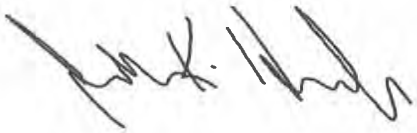
No maximum contaminant level violations were reported in the past year.

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 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: **7012 1010 000 1527 5927**

September 6, 2019

Van Austin
SOUTH CLAIBORNE WATER SYSTEM
P.O. Box 100
Athens, LA 71003-0001

Re: Class I Sanitary Survey
SOUTH CLAIBORNE WATER SYSTEM Public Water System
PWS ID LA1027006
CLAIBORNE Parish

Dear Mr. Austin:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 16, 2019 sanitary survey inspection of the public water supply system for SOUTH CLAIBORNE 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
Van Austin	South Claiborne Water System
Sharon "Sissy" Hemphill	South Claiborne Water System
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 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: 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: 7012 1010 0000 1528 0914
November 26, 2019

Jerry Goodwin
DAVID WADE CORRECTIONAL CENTER WS
670 Bell Hill Rd
Homer, LA 71040

Re: Class I Sanitary Survey
DAVID WADE CORRECTIONAL CENTER WS Public Water System
PWS ID LA1027008
CLAIBORNE Parish

Dear Mr. Goodwin:

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 DAVID WADE CORRECTIONAL CENTER 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
Kelly Herrick	LDH OPH Engineering Services
Layne Benson	David Wade

NOTICE OF VIOLATIONS

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

The following list 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
06/20/2014	06/25/2014	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-ELEVATED TANK #2
Comments: STORAGE TANK SHOWED SIGNS OF RUST. TANK NEEDS TO BE INSPECTED AND PAINTED TO PREVENT DETERIORATION					

Significant Deficiencies
No observations were recorded in this category.
Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TANK #1	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.
FACILITY	CATEGORY	FINDINGS
EL002 - ELEVATED TANK #2	Finished Water Storage	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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to 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 - TP @ WELL #4	Treatment	Adequate housing must be provided for the chlorination equipment and for storing the chlorine (See Part 5). Chlorine cylinders are having to be moved over treatment plant piping. Chlorine room should be moved to an alternate location.

Written Response Required

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 318-676-7843.

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: 7012 1010 0000 1528 0884

November 14, 2019

Leanna Hanry
WARD NINE WATER SYSTEM
PO Box 609
Junction City, AR 71749

Re: Class I Sanitary Survey
WARD NINE WATER SYSTEM Public Water System
PWS ID LA1027013
CLAIBORNE Parish

Dear Ms. Hanry:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 5, 2019 sanitary survey inspection of the public water supply system for WARD NINE 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
Freddie Meador	Ward 9 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	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. No ACR tap located in monitoring plan.

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: 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
7001424	07/24/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2019 - 07/31/2019
7001423	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 318-676-7843.

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: 7012 1010 0000 1528 0877

November 14, 2019

Wesley Harris
LAKE CLAIBORNE STATE PARK
Homer, LA 71040

Re: Class I Sanitary Survey
LAKE CLAIBORNE STATE PARK Public Water System
PWS ID LA2027003
CLAIBORNE 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 17, 2019 sanitary survey inspection of the public water supply system for LAKE CLAIBORNE STATE 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
Wesley Harris	Lake Claiborne State Park
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

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. 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. Please be aware that the cross connection requirement for RV park spaces has changed. RV Park spaces are now required to be equipped with a dual check valve, which is a non-testable device. The water system needs to provide for testing of the existing devices or support conformity with the new lesser standard. Dual checks installed on the water supply system shall comply with ASSE 1024 or CSA B64.6.

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 - PRESSURE 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.
FACILITY	CATEGORY	FINDINGS
2027003-001 - WELL NO. 1	Source	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 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.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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
7003005	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 318-676-7843.

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: 7016 2710 0000 4927 6439

October 3, 2019

Josephine T Washington
Town of Clayton Water System
PO Box 277
Clayton, LA 71326

Re: Class I Sanitary Survey
Town of Clayton Water System
PWS ID LA1029002
Concordia Parish

Dear Mayor Washington:

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 Town of Clayton 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
William Charlot	LDH OPH Engineering Services
Art Goode	JCP Management Inc.
Mike 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/10/2018	09/25/2018	Sanitary Survey Follow-up	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: The water system is unable to isolate individual sections of water distribution areas to contain and repair leaks. When the system experiences a leak, the entire distribution system has been shut off. This causes a system wide pressure drop below the minimum required pressure of 20 psi. It also causes a significant upset in the distribution system which results in highly colored water entering service lines. The water system must locate all valves, determine if there is a sufficient number, and if not, submit a plan to provide a sufficient number to properly operate the distribution system. Upon approval of plans and specifications, the water system must implement the plan.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/10/2018	09/25/2018	Sanitary Survey Follow-up	Significant	Other	Management
Comments: Due to the significantly reduced flow from the water wells, production is not high enough to allow for a productive flushing in the distribution system. The system must refurbish the water wells, replace the inoperable high service pump, and implement a flushing program.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/10/2018	09/25/2018	Sanitary Survey Follow-up	Significant	Source	1029002-001-WELL 1 USGS C0 32
Comments: Well No. 1 and 2 were experiencing significantly reduced flow. Both wells together pump 170 gpm. Well No. 1 produces only 30 gpm. Well No. 2 produces approximately 140 gpm. The wells must be refurbished. It has been stated by system personnel that the wells need an acid wash and possible pump replacement in order to return them to proper production. **9/25/19: This well is currently inactive. 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 LA Dept. of Health.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/12/2014	11/12/2014	Formal Enforcement	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: The air relief vent is pointed outwards. The opening of the vent is to terminate downward.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/12/2014	11/12/2014	Formal Enforcement	Minor	Finished Water Storage	EL001-ELEVATED
Comments: The overflow pipe must discharge over a drainage inlet structure or a splash plate in order to prevent erosion. The splash plate at the elevated storage tank is heavily eroded and needs to be replaced.					

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

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 – 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	0.134 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
04/17/2019	0.104 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
01/04/2019	0.095 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
10/25/2018	91 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
6007289	04/03/2019	FAILURE ADDRESS DEFICIENCY (GWR)	
6007290	04/03/2019	FAILURE ADDRESS DEFICIENCY (GWR)	
6007291	04/03/2019	FAILURE ADDRESS	

		DEFICIENCY (GWR)	
6007292	04/03/2019	FAILURE ADDRESS DEFICIENCY (GWR)	
6007288	02/14/2019	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 318-484-2163.

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 6507

November 6, 2019

Jean Fairbanks
Concordia Waterworks District 1
PO Box 768
Ferriday, LA 71334

Re: Class I Sanitary Survey
Concordia Waterworks District 1
PWS ID LA1029003
Concordia Parish

Dear Ms. Fairbanks:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 29, 2019 sanitary survey inspection of the public water supply system for Concordia Waterworks 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
James Monroe	LDH OPH Engineering Services
Rachael Bruce	LDH Region 6
Charles Renfrow	Concordia Waterworks 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
Management	Other	At the time of the survey, the soil was eroded at the base of the Jonesville Hwy Elevated Tank riser. The hole must be filled with dirt and graded to drain away from the riser to prevent ponding of water and further erosion which may compromise the structural integrity of the Elevated Tank. **See Attachment #6**
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED VIDALIA HWY	Finished Water Storage	Overflow discharge is connected to underground pipe and piped to other location. With this arrangement water is trapped in pipe for indefinite time, thus allowing growth of potential contaminating organisms. Water system shall correct overflow orientation to provide an air gap between overflow and Drainage pipe. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
EL002 - ELEVATED JONESVILLE HWY	Finished Water Storage	Overflow discharge is connected to underground pipe and piped to other location. With this arrangement water is trapped in pipe for indefinite time, thus allowing growth of potential contaminating organisms. Water system shall correct overflow orientation to provide an air gap between overflow and Drainage pipe. **See Attachment #5**

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	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
GR003 - GROUND AT FROGMORE	Finished Water Storage	At the time of the Survey, the overflow for the Ground Storage Tank did not discharge between 12 and 24 inches. The overflow must discharge at a height between 12 and 24 inches over a splash plate or drainage inlet structure to prevent erosion around the foundation of the Ground Storage Tank. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
GR004 - NEW GROUND TANK POST TREATMENT	Finished Water Storage	At the time of the Survey, the overflow for the Ground Storage Tank did not discharge between 12 and 24 inches. The overflow must discharge at a height between 12 and 24 inches over a splash plate or drainage inlet structure to prevent erosion around the foundation of the Ground Storage Tank.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED VIDALIA HWY	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. **See Attachment #2 and #1**
FACILITY	CATEGORY	FINDINGS
EL002 - ELEVATED JONESVILLE HWY	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.
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND AT FROGMORE	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.
FACILITY	CATEGORY	FINDINGS
GR004 - NEW GROUND TANK POST TREATMENT	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.
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND MID TREATMENT	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.
FACILITY	CATEGORY	FINDINGS
TP004 - TREATMENT PLANT AT LAKE ST JOHN	Treatment	1. 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 he did not know the last time the filters had been rehabilitated. The filters should be evaluated for media replacement and refurbishment. 2. At the time of inspection, the operator stated that the Greensand filters were backwashed every 48 hours, 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. 3. An inspection period of 3 to 5 years is recommended for all potable water tanks. The water system has no recent inspections to support the overall health of the filter tanks interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of filter tanks could benefit from an inspection
FACILITY	CATEGORY	FINDINGS
TP004 - TREATMENT PLANT AT LAKE ST JOHN	Treatment	There is no secondary containment provided for the liquid chemicals 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
S1806994-002	Routine	12/3/2018		2.900	

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 318-484-2163.

Respectfully,

James Monroe,
Engineer Manager
LDH-OPH Region VI

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 VIDALIA HWY

Category: Finished Water Storage

Attachment Comments: EST Need painting



Attachment #2

Severity: Minor

Facility ID: ELEVATED VIDALIA HWY

Category: Finished Water Storage

Attachment Comments: EST Need painting



Attachment #3

Severity: Minor

Facility ID: GROUND AT FROGMORE

Category: Finished Water Storage

Attachment Comments: Overflow not between 12 and 24 inches



Attachment #4

Severity: Significant

Facility ID: ELEVATED VIDALIA HWY

Category: Finished Water Storage

Attachment Comments: Overflow Piped thru Ground to other Location



Attachment #5

Severity: Significant

Facility ID: ELEVATED JONESVILLE HWY

Category: Finished Water Storage

Attachment Comments: Overflow Piped thru Ground to other Location



Attachment #6

Severity: Minor

Category: M&R and Data Verification

Attachment Comments: Erosion around Jonesville Hwy EST Riser

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 6194

May 24, 2019

Sherrie Jacobs
TOWN of FERRIDAY WATER SYSTEM
1116 Second Street
Ferriday, LA 71334

Re: Class I Sanitary Survey
TOWN of FERRIDAY WATER SYSTEM Public Water System
PWS ID LA1029005
CONCORDIA Parish

Dear Mrs. Jacobs:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 13, 2019 sanitary survey inspection of the public water supply system for TOWN of FERRIDAY 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
Mike Mcguffee	JCP Management Inc.
D. Matthew Parker	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
09/12/2017	09/18/2017	Formal Enforcement	Significant	Finished Water Storage	EL001-ELEVATED TANK
Comments: The elevated storage tank was showing signs of wear and age. No record could be produced as to when the last time the interior of the tank had been cleaned and inspected. Tanks should be inspected, cleaned, repaired if needed, and painted on a 3 year cycle.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/12/2017	09/12/2017	Formal Enforcement	Significant	Finished Water Storage	GR001-GROUND STORAGE TANK (WEST)
Comments: The ground storage tank was showing signs of wear and age. No record could be produced as to when the last time the interior of the tank had been cleaned and inspected. Tanks should be inspected, cleaned, repaired if needed, and painted on a 3 year cycle. (corrected with POI, will come off report soon)					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/12/2017	09/12/2017	Formal Enforcement	Significant	Other	Management
Comments: The water system is required to maintain 4 log inactivation of viruses. At the time of the inspection, the online chlorine analyzer was out of service. The current sample point location for the analyzer was not located at the point of entry. The chlorine analyzer must be relocated to the point of entry and residual is monitored continuously.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/12/2017	09/18/2017	Formal Enforcement	Significant	Security	Management
Comments: Ladder guards on both ground storage tanks as well as the entrance gate to the elevated storage tank were not present. Both ground storage tanks must be kept locked. (corrected with POI, will come off report soon)					
Visit Date	Notify Date	Reason	Severity	Category	Facility
04/26/2013	05/08/2013	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: Evidence of the existence of a formal cross connection control plan/policy/ordinance was not available at the time of inspection. Furthermore, customers requiring backflow prevention devices were observed having none.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	Water leak was found during inspection of water distribution system. Water system shall fix leak. **See Attachment #10**
FACILITY	CATEGORY	FINDINGS
Management	Security	Fence on Southeast side of filtration pond had gap between bottom of fence and ground. Water system shall fill in gaps to prevent unauthorized entry into water plant area. Excessive vegetation is growing on the fence. Please trim vegetation to reduce hazard to security fence and maintain to prevent future growth. **See Attachment #4 and #8**

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE TANK (WEST)	Finished Water Storage	Overflow not opening downward, System shall modify overflow to open downward onto concrete pad. **See Attachment #6**
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND STORAGE TANK (EAST)	Finished Water Storage	Overflow not opening downward, System shall modify overflow to open downward onto concrete pad. **See Attachment #7**
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TANK	Finished Water Storage	The overflow pipe is not screened properly or opening downward. The overflow pipe must be screened with a 4 mesh non-corrodible screen and installed to provide protection at all times and open downward. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
1029005-005 - WELL 4 - NORTH WELL	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
1029005-002 - WELL 1 - FRONT OF 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. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1029005-003 - WELL 2 - SOUTH WELL	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. **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	Conduit on catwalk for filtration pond separated exposing electrical wiring. Recommend inspect all conduit and ensure properly secured. **See Attachment #9**

Written Response Required

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	Analyze	Compliance Period
03/01/2019	0.074 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	0.148 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
03/01/2019	0.143 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
12/18/2018	0.066 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
12/18/2018	0.063 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
12/18/2018	0.143 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
12/18/2018	0.145 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
08/16/2018	65 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
08/16/2018	67 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
08/16/2018	178 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
08/16/2018	178 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
05/30/2018	69 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2018 - 06/30/2018
05/30/2018	64 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2018 - 06/30/2018
05/30/2018	168 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
05/30/2018	166 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
6006400	04/09/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
6006399	03/06/2019	LEAD CONSUMER NOTICE (LCR)	01/01/2018 - 12/31/2018
6006394	02/14/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
6006392	02/07/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
6006393	02/07/2019	PUBLIC NOTICE	

		RULE LINKED TO VIOLATION	
6006384	12/04/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	11/01/2018 - 11/30/2018
6006383	10/04/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	09/01/2018 - 09/30/2018
6006378	07/06/2018	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 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 - FRONT OF PLANT

Category: Source

Attachment Comments: Rust on well discharge piping

Office of Public Health ▪ Central Region VI
5604-B Coliseum Boulevard ▪ Alexandria, Louisiana 71303
Phone #: 318-487-5282 ▪ Fax #: 318-487-5338 ▪ www.ldh.la.gov
"An Equal Opportunity Employer"



Attachment #2

Severity: Minor

Facility ID: WELL 2 - SOUTH WELL

Category: Source

Attachment Comments: Rust on well discharge piping



Attachment #4

Severity: Significant

Category: Security

Attachment Comments: Gap in Fence



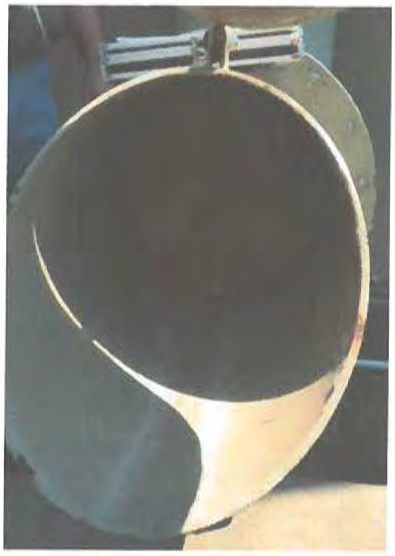
Attachment #5

Severity: Minor

Facility ID: ELEVATED TANK

Category: Finished Water Storage

Attachment Comments: Overflow not screened properly or opening downward



Attachment #6

Severity: Minor

Facility ID: GROUND STORAGE TANK (WEST)

Category: Finished Water Storage

Attachment Comments: Overflow not opening downward



Attachment #7

Severity: Minor

Facility ID: GROUND STORAGE TANK (EAST)

Category: Finished Water Storage

Attachment Comments: Overflow not opening downward



Attachment #8

Severity: Significant

Category: Security

Attachment Comments: Fence leaning at the Elevated Tank and Excessive vegetation growth.



Attachment #9

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: Conduit separated



Attachment #10

Severity: Significant

Category: Other

Attachment Comments: Leak found in distribution system

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 5937

April 22, 2019

Milton Sanders
Monterey Rural Water System Inc.
6541 Hwy 565
Monterey, LA 71354

Re: Class I Sanitary Survey
Monterey Rural Water System Inc.
PWS ID LA1029007
Concordia 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 April 9, 2019 sanitary survey inspection of the public water supply system for MONTEREY RURAL 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
Rachael Bruce	LDH OPH Engineering Services
William Charlot	LDH OPH Engineering Services
Blake Fogleman	LDH OPH Engineering Services
Jimmy Ingram	Monterey Rural 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
03/22/2017	04/04/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GROUND AT HWY 565 PUMP STATION
Comments: Minor leaks on storage tank should be repaired.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/22/2017	04/04/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR002-GROUND AT HWY 124 PUMP STATION
Comments: Screen in need of cleaning/repair.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/22/2017	04/04/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR002-GROUND AT HWY 124 PUMP STATION
Comments: Minor leaks on storage tank.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/22/2017	04/04/2017	Sanitary Survey, Finished	Minor	Source	1029007-002-WELL 3 NEW
Comments: A splash pad is needed to prevent washout under the slab of the well.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/22/2017	04/04/2017	Sanitary Survey, Finished	Minor	Source	1029007-004-WELL 4
Comments: Slab repairs to cracks are needed to prevent possible contamination.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/22/2017	04/04/2017	Sanitary Survey, Finished	Minor	Treatment	TP008-CHLORINATION @BROOKWATER

					ROAD
Comments: Light bulb inside chlorine enclosure should be replaced					
Visit Date	Notify Date	Reason	Severity	Category	Facility
03/22/2017	04/04/2017	Sanitary Survey, Finished	Minor	Treatment	TP008-CHLORINATION @BROOKWATER ROAD
Comments: Fan out of operation					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The Ground Storage tank located on Hwy 124 is in poor condition due to the corrosion of the exterior. The tank needs to be inspected and repaired.
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	A cross connection control plan ordinance was adopted, however, it has not been implemented. The water system will implement the cross connection control plan according to the ordinance.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED NORTH END	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 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

EL003 - ELEVATED SOUTH END	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 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
GR002 - GROUND AT HWY 124 PUMP STATION	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 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
GR003 - SOUTH TANK AT PLANT	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 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
EL002 - ELEVATED AT CENTER	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 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 AT HWY 565 PUMP STATION	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 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
GR004 - NORTH TANK AT PLANT	Finished Water Storage	The area around the storage tank is excessively wet. This area must be well drained to facilitate the rapid removal of water within a 50' radius of the storage tank. The ponding water presents a potential source of contamination and potentially compromise the integrity of the structure.
FACILITY	CATEGORY	FINDINGS
GR004 - NORTH TANK AT PLANT	Finished Water Storage	The overflow was not properly screened with a twenty four mesh non-corrodible screen. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
GR003 - SOUTH TANK AT PLANT	Finished Water Storage	The overflow was not properly screened with a twenty four mesh non-corrodible screen. The water system will properly screen the overflow with a twenty four mesh non-corrodible screen. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
TP007 - REVERSE OSMOSIS PLANT	Treatment	Liquid chemical storage tanks do not have a receiving basin capable of receiving accidental spills or overflows. The water system will provide a receiving basin for all liquid chemical storage tanks. **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.

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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1805039-001	Routine	8/29/2018		0.840	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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

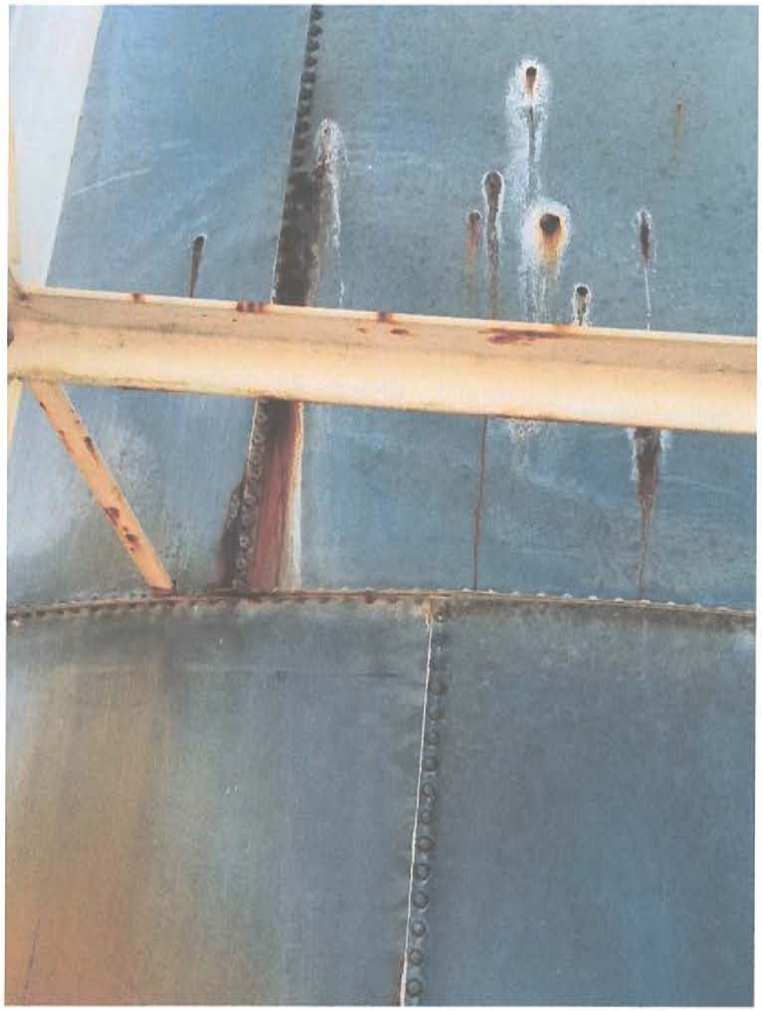
Rebekah E. Gee MD, MPH
SECRETARY

Attachments

State of Louisiana

Department of Health

Office of Public Health



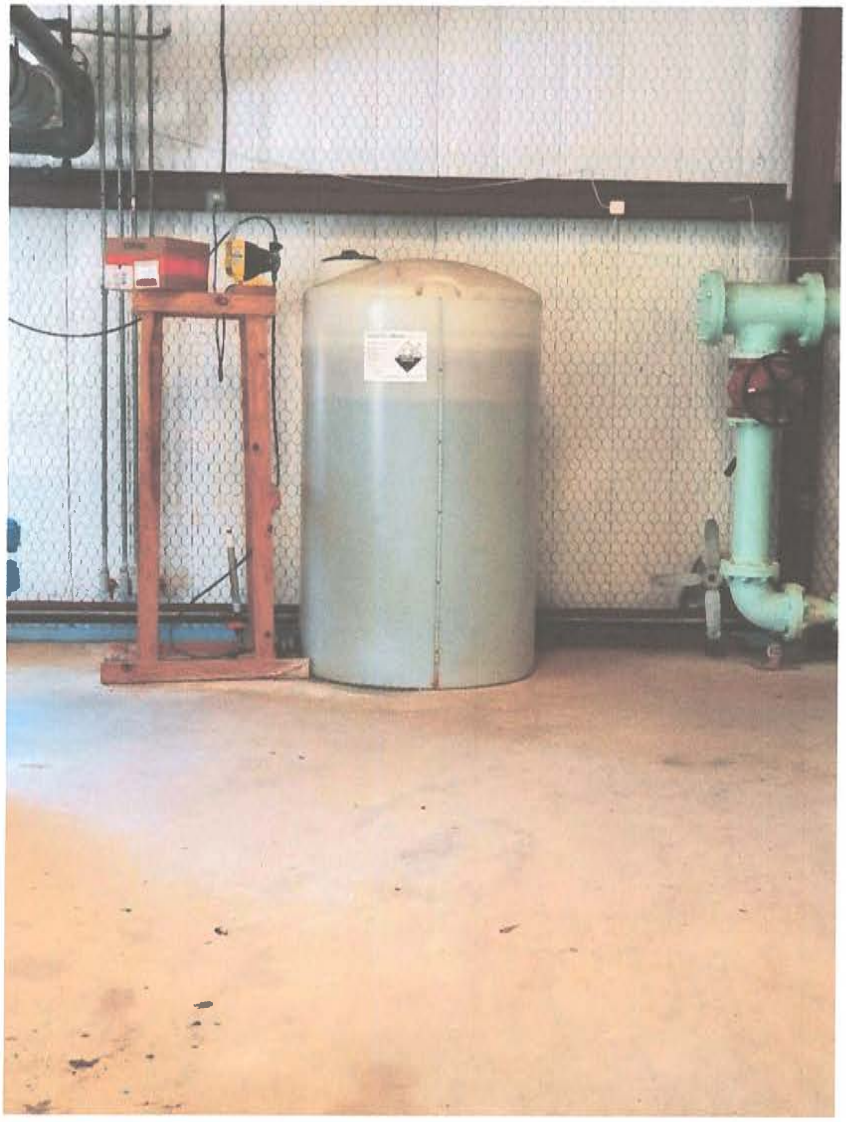
Attachment #1
Severity: Minor
Facility ID: SOUTH TANK AT PLANT
Category: Finished Water Storage
Attachment Comments: Ground Storage Tank South at plant



Attachment #2
Severity: Significant
Category: Other
Attachment Comments: Corrosion on exterior of GST



Attachment #3
Severity: Minor
Facility ID: NORTH TANK AT PLANT
Category: Finished Water Storage
Attachment Comments: Water pooled around splash pad and area around GST



Attachment #4
Severity: Minor
Facility ID: REVERSE OSMOSIS PLANT
Category: Treatment
Attachment Comments: Liquid chemical storage tank with no 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: 7016 0600 0000 0598 8727

June 7, 2019

Mayor Robert D. Maples
TOWN of RIDGECREST WATER SUPPLY
116 Foster Drive
Ridgecrest, LA 71334

Re: Class 2 Follow-Up Sanitary Survey Site Visit
TOWN of RIDGECREST WATER SUPPLY Public Water System
PWS ID LA1029009
CONCORDIA Parish

Dear Mayor Maples:

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 4, 2019 Follow-Up Sanitary Survey inspection of the public water supply TOWN of RIDGECREST WATER SUPPLY. 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 Monroe	LDH OPH Engineering Services
Rachael Bruce	LDH Region 6
Mike Mcguffee	JCP Management Inc.

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

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
04/17/2019	0.094 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
04/17/2019	0.134 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
01/04/2019	0.086 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
01/04/2019	0.132 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
10/15/2018	85 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
10/15/2018	132 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
07/10/2018	93 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
07/10/2018	122 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
02/13/2019	02/20/2019	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM

Comments: 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. From our discussion, please confirm the type of device and testing of device at C'est Bon Restaurant and wastewater treatment plant. Is protection needed at the Louisiana Rice Mill (Rice Bran)? Please feel free to call this office to discuss the required protection for any customer on the water system.

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/13/2019	02/20/2019	Sanitary Survey, Finished	Significant	Finished Water Storage	GR002-GROUND CLARIFIER

Comments: Vegetation was overgrown around the tank. The system will remove the vegetation from around the tank.

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/13/2019	02/20/2019	Sanitary Survey, Finished	Significant	Other	Management

Comments: 1. The storage tanks were showing signs of corrosion. The water system did not have records of the last cleaning, inspection, repair and painting of the storage tanks. Due to the high levels of iron and manganese in the raw water, there is a potential for buildup in the storage tanks which will affect the finished water product received by the customers. All storage tanks must be cleaned, inspected, repaired if needed, and painted. See Attachment #10 2.The pumps for the chemical feeders were not properly secured. The pumps must be properly secured on a shelf, or other stable location to prevent upsets in chemical dosing. 3.The filtration and softener units were showing signs of sever corrosion. The filters, softeners, and associated piping must be cleaned, inspected, repaired, and painted to prevent further deterioration of the metal. 4.The filter media must be inspected to determine if replacement is needed.5.The chemical feed line to the clarifier tank was exposed. The line must be installed in a permanent manner to prevent freezing of the chemical and damage to the line.6.The area around the ground clarifier storage tank was not graded to prevent standing water. The area must be graded to prevent damage to the tank.. 7.The area around the ground storage mixing tank was excessively wet. This area must be well drained to facilitate the rapid removal of water within a 50' radius of the storage tank. The ponding water presents a potential source of contamination and potentially compromise the integrity of the structure. . See Attachment #9

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/13/2019	02/20/2019	Sanitary Survey, Finished	Significant	Source	1029009-001-WELL 1 WEST

Comments: 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/13/2019	02/20/2019	Sanitary Survey, Finished	Significant	Source	1029009-002-WELL 2 EAST

Comments: 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 #8

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/13/2019	02/20/2019	Sanitary Survey, Finished	Minor	Finished Water Storage	GR002-GROUND CLARIFIER

Comments: The overflow pipe on the ground clarifier was not open downward and was not screened with 24 mesh non-corrodible screen. The water system shall repair/replace the overflow pipe to face downward, and install a 24 mesh non-corrodible screen.

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/13/2019	02/20/2019	Sanitary Survey, Finished	Minor	Finished Water Storage	GR003-GROUND FINISHED WATER

Comments: The level indicating device is not in working order on the GST. The water system shall repair/replace the level indicating device on the GST.

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/13/2019	02/20/2019	Sanitary Survey, Finished	Minor	Finished Water Storage	GR003-GROUND FINISHED WATER
Comments: The overflow pipe does not open downward and is not screened with a 24 mesh non-corrodible screen. The water system will repair/replace the pipe and install a new 24 mesh non-corrodible screen.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/13/2019	02/20/2019	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: The records of the daily chlorine residual readings were incomplete for February and March 2018, furthermore, the forms were not signed by the certified operator in charge.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/13/2019	02/20/2019	Sanitary Survey, Finished	Minor	Treatment	TP010-TREATMENT STAGE 2
Comments: Liquid storage tanks did not have a receiving basin capable of receiving accidental spills or overflows. The system shall provide a receiving basin for the liquid storage tanks.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/20/2017	02/20/2017	Formal Enforcement	Minor	Source	1029009-001-WELL 1 WEST
Comments: Not insulated to protect from freeze damage.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/20/2017	02/20/2017	Formal Enforcement	Minor	Source	1029009-002-WELL 2 EAST
Comments: Piping not insulated to protect from freeze damage.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1029009-001 - WELL 1 WEST	Source	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. 2) The conduit for the wiring is cracked and deteriorating. The cracked conduit provides for the possible entrance of foreign substances, insects, or organisms that could lead to bacteriological contamination. Replace the cracked conduit to prevent bacteriological contamination.
FACILITY	CATEGORY	FINDINGS
1029009-001 - WELL 1 WEST	Source	At the time of the inspection, the Check valve was not operating properly. When well was shut off, and other well activated, water back flowed out vent and other areas around well head. System shall repair check valve and ensure it is operating properly. **See Attachment #1**

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.

FACILITY	CATEGORY	FINDINGS
1029009-002 - WELL 2 EAST	Source	At the time of the inspection, Well #2 was activated for a sample to be taken, while flushing the well as per SOP, what appeared to be formation sand was noticed on the ground in the water pooling from the sample tap. It is recommended that the water system has the well inspected for damage to the screen, well casing or any other issues that might cause sand to be in Raw Water. This is an emergency 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:

DHH/OPH Engineering Services – Central Region VI
Attn: James Monroe,
5604-B Coliseum Blvd.
Alexandria, Louisiana 71303

Your 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

Attachments



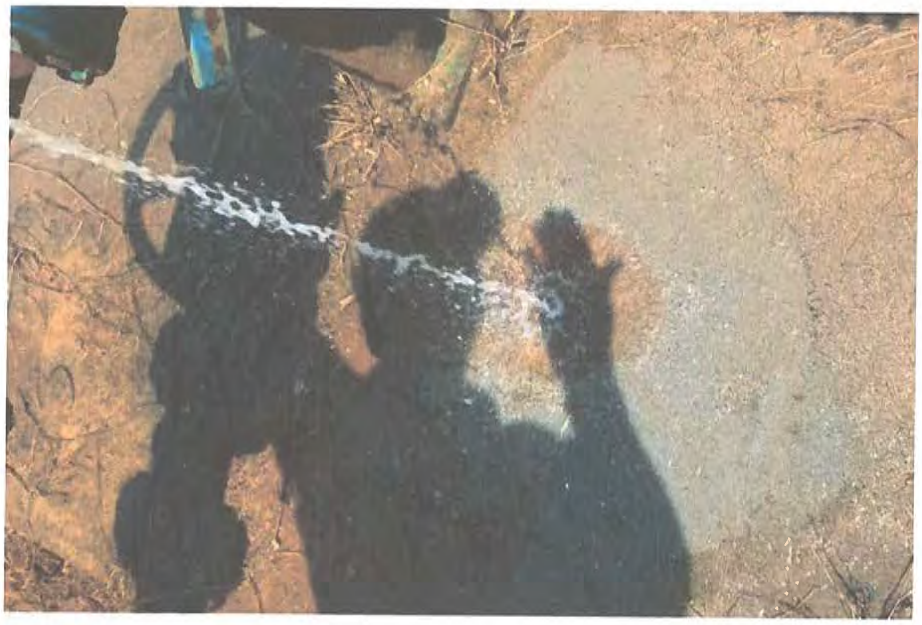
Attachment #1

Severity: Significant

Facility ID: WELL 1 WEST

Category: Source

Attachment Comments: Water back flowing at well



Attachment #2

Severity: Recommendations

Facility ID: WELL 2 EAST

Category: Source

Attachment Comments: Sand Flowing from Sample 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 5920

February 21, 2019

Robert D. Maples
Village of Ridgecrest Water Supply
116 Foster Drive
Ridgecrest, LA 71334

Re: Class I Sanitary Survey
Village of Ridgecrest Water Supply
PWS ID LA1029009
Concordia Parish

Dear Mr. Maples:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 13, 2019 sanitary survey inspection of the public water supply system for Village of Ridgecrest 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 Engineering Services
Mike McGuffee	JCP Management Inc.
James Monroe	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
02/20/2017	02/20/2017	Formal Enforcement	Minor	Finished Water Storage	EL001-ELEVATED TANK
Comments:					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/20/2017	02/20/2017	Formal Enforcement	Minor	Finished Water Storage	GR001-GROUND MIXING TANK
Comments:					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/20/2017	02/20/2017	Formal Enforcement	Minor	Finished Water Storage	GR002-GROUND CLARIFIER
Comments:					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/20/2017	02/20/2017	Formal Enforcement	Minor	Finished Water Storage	GR003-GROUND FINISHED WATER
Comments:					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/20/2017	02/20/2017	Formal Enforcement	Minor	Source	1029009-001-WELL 1 WEST
Comments: Not insulated to protect from freeze damage.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/20/2017	02/20/2017	Formal Enforcement	Minor	Source	1029009-002-WELL 2 EAST
Comments: Piping not insulated to protect from freeze damage.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	1. The storage tanks were showing signs of corrosion. The water system did not have records of the last cleaning, inspection, repair and painting of the storage tanks. Due to the high levels of iron and manganese in the raw water, there is a potential for buildup in the storage tanks which will affect the finished water product received by the customers. All storage tanks must be cleaned, inspected, repaired if needed, and painted. **See Attachments #4, 9, and 18.** 2. The pumps for the chemical feeders were not properly secured. The pumps must be properly secured on a shelf, or other stable location to prevent upsets in chemical dosing. **See Attachment #12** 3.The filtration and softener units were showing signs of sever corrosion. The filters, softeners, and associated piping must be cleaned, inspected, repaired, and painted to prevent further deterioration of the metal. **See Attachment #13** 4. The filter media must be inspected to determine if replacement is needed. 5. The chemical feed line to the clarifier tank was exposed. The line must be installed in a permanent manner to prevent freezing of the chemical and damage to the line. **See Attachment #14** 6. The area around the ground clarifier storage tank was not graded to prevent standing water. The area must be graded to prevent damage to the tank. **See Attachment #5** 7. The area around the ground storage mixing tank was excessively wet. This area must be well drained to facilitate the rapid removal of water within a 50' radius of the storage tank. The ponding water presents a potential source of contamination and potentially compromise the integrity of the structure. **See Attachment #18**
FACILITY	CATEGORY	FINDINGS
Management	Other	The water system had a leak in the pipe from the wells to the ground mixing tank. The water system shall fix the leak in the pipe. **See Attachment #11**
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 CLARIFIER	Finished Water Storage	Vegetation was overgrown around the tank. The system will remove the vegetation from around the tank. **See Attachment #9**
FACILITY	CATEGORY	FINDINGS
1029009-001 - WELL 1 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. **See Attachment #16**
FACILITY	CATEGORY	FINDINGS

1029009-002 - WELL 2 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. **See Attachment #17**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The records of the daily chlorine residual readings were incomplete for February and March 2018, furthermore, the forms were not signed by the certified operator in charge.
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND FINISHED WATER	Finished Water Storage	The level indicating device is not in working order on the GST. The water system shall repair/replace the level indicating device on the GST. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND FINISHED WATER	Finished Water Storage	The overflow pipe does not open downward and is not screened with a 24 mesh non-corrodible screen. The water system will repair/replace the pipe and install a new 24 mesh non-corrodible screen. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND CLARIFIER	Finished Water Storage	The overflow pipe on the ground clarifier was not open downward and was not screened with 24 mesh non-corrodible screen. The water system shall repair/replace the overflow pipe to face downward, and install a 24 mesh non-corrodible screen. **See Attachment #6**
FACILITY	CATEGORY	FINDINGS
TP010 - TREATMENT STAGE 2	Treatment	Liquid storage tanks did not have a receiving basin capable of receiving accidental spills or overflows. The system shall provide a receiving basin for the liquid storage tanks. **See Attachment #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
GR001 - GROUND MIXING TANK	Finished Water Storage	Ladder guards are not provided for the ground mixing tank. The water system should install ladder guards. See **Attachment #18.**
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND CLARIFIER	Finished Water Storage	Ladder guards were not provided on the Ground clarifier tank. The water system should install ladder guards. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND FINISHED WATER	Finished Water Storage	Ladder guards were not provided on the GST. The water system should install ladder guards on the GST. **See Attachment # 2**
FACILITY	CATEGORY	FINDINGS
TP009 - TREATMENT STAGE 1	Treatment	Chemical storage tank was not kept covered. The system should cover chemical storage tank. **See Attachment #10**
FACILITY	CATEGORY	FINDINGS
TP010 - TREATMENT STAGE 2	Treatment	No weighing scales are provided. Weighing scales should be provided where chlorine gas is utilized. **See Attachment #7**
FACILITY	CATEGORY	FINDINGS
TP001 - DISINFECTION	Treatment	The chlorine building door was in a state of disrepair. The door must be repaired or replaced to protect the chlorination equipment. **See Attachment #15**

Written Response Required

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	0.086 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
01/04/2019	0.132 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
10/15/2018	85 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
10/15/2018	132 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
07/10/2018	93 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
07/10/2018	122 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
04/16/2018	95 UG/L	80 UG/L	TTHM	01/01/2018 - 03/31/2018
04/16/2018	117 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
6003444	07/03/2018	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 318-487-5282 x250.

Respectfully,

Rachael Bruce,
Region 6 Chemical Sanitarian

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



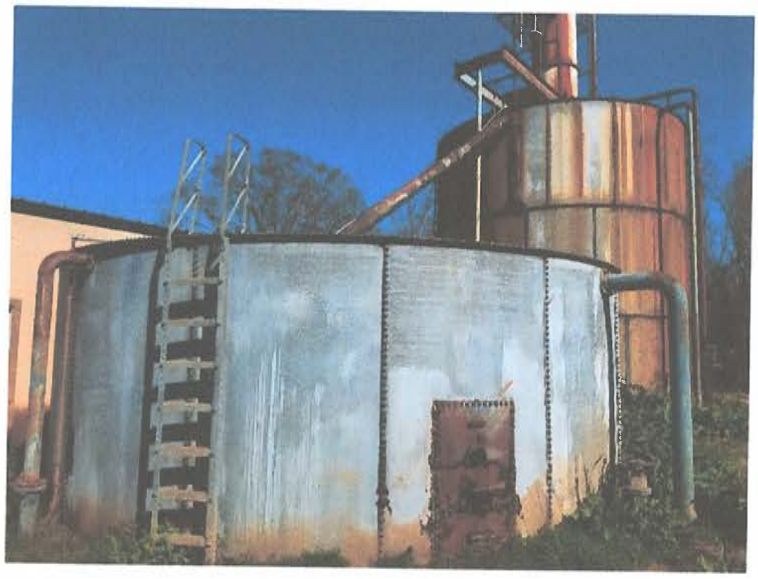
Attachment #1
Severity: Minor
Facility ID: GROUND FINISHED WATER
Category: Finished Water Storage
Attachment Comments: GST Overflow Pipe



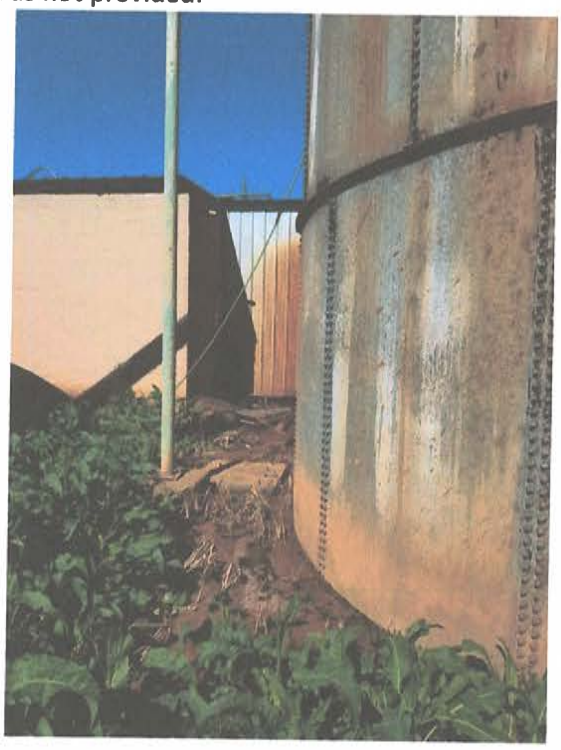
Attachment #2
Severity: Minor
Facility ID: GROUND FINISHED WATER
Category: Finished Water Storage
Attachment Comments: Level indicating device is not functional.



Attachment #3
Severity: Minor
Facility ID: GROUND FINISHED WATER
Category: Finished Water Storage
Attachment Comments: Ladder guards are not installed on GST.



Attachment #4
Severity: Recommendations
Facility ID: GROUND CLARIFIER
Category: Finished Water Storage
Attachment Comments: Ladder guards not provided.



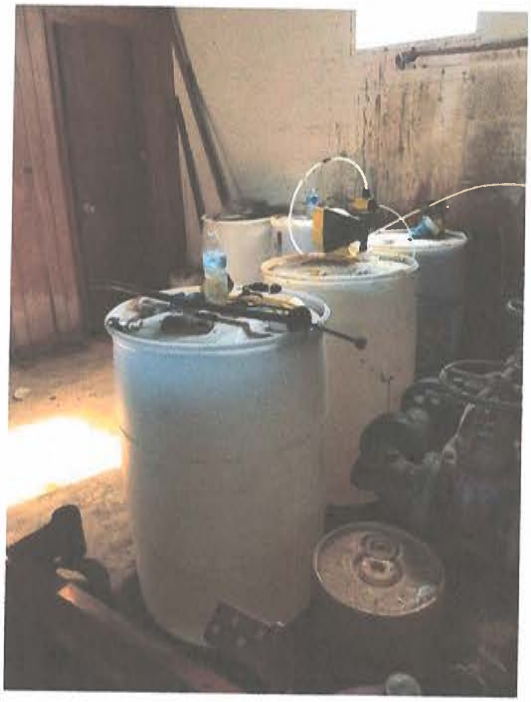
Attachment #5
Severity: Significant
Facility ID: GROUND CLARIFIER
Category: Other
Attachment Comments: Area around tank is saturated and not maintained.



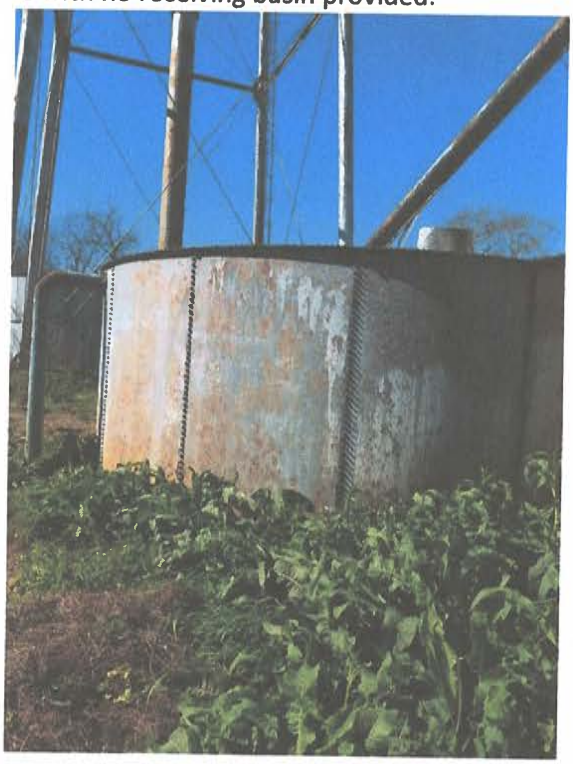
Attachment #6
Severity: Recommendations
Facility ID: GROUND CLARIFIER
Category: Finished Water Storage
Attachment Comments: Overflow is not facing downward or properly screened.



Attachment #7
Severity: Recommendations
Facility ID: TREATMENT STAGE 2
Category: Treatment
Attachment Comments: Weighing scales not provided



Attachment #8
Severity: Recommendations
Facility ID: TREATMENT STAGE 1
Category: Treatment
Attachment Comments: Storage tanks with no receiving basin provided.



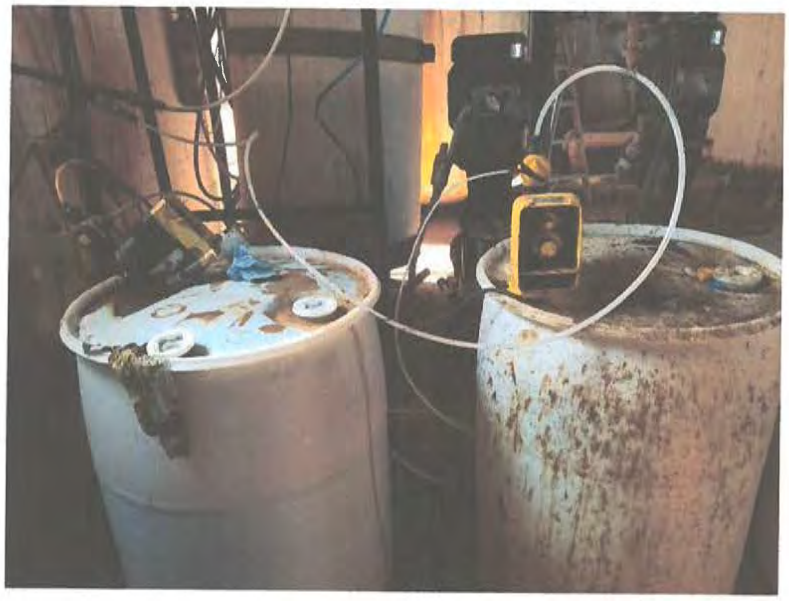
Attachment #9
Severity: Recommendations
Facility ID: GROUND CLARIFIER
Category: Finished Water Storage
Attachment Comments: Ground clarifier with overgrown vegetation



Attachment #10
Severity: Recommendations
Facility ID: TREATMENT STAGE 1
Category: Treatment
Attachment Comments: Chemical storage tank is uncovered.



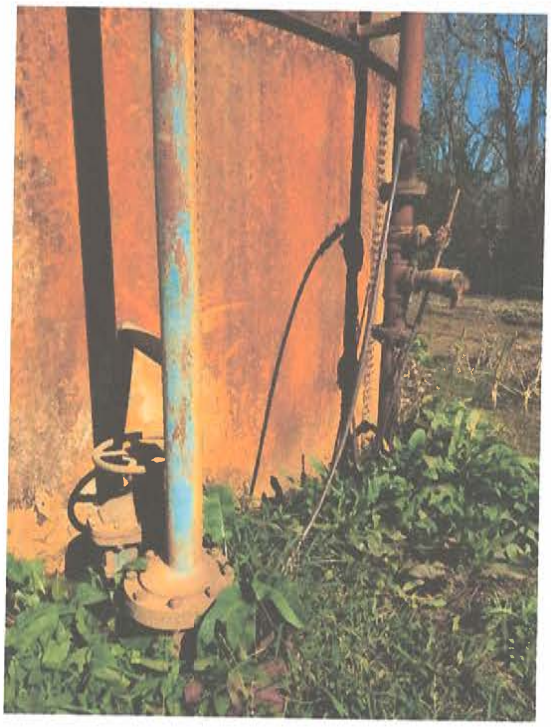
Attachment #11
Severity: Significant
Category: Other
Attachment Comments: Leak in pipe from wells.



Attachment #12
Severity: Significant
Category: Other
Attachment Comments: Chemical feed pumps are not secured.



Attachment #13
Severity: Significant
Category: Other
Attachment Comments: Filter/softening tanks are showing signs of corrosion



Attachment #14
Severity: Significant
Category: Other
Attachment Comments: Chemical feed line is not protected.



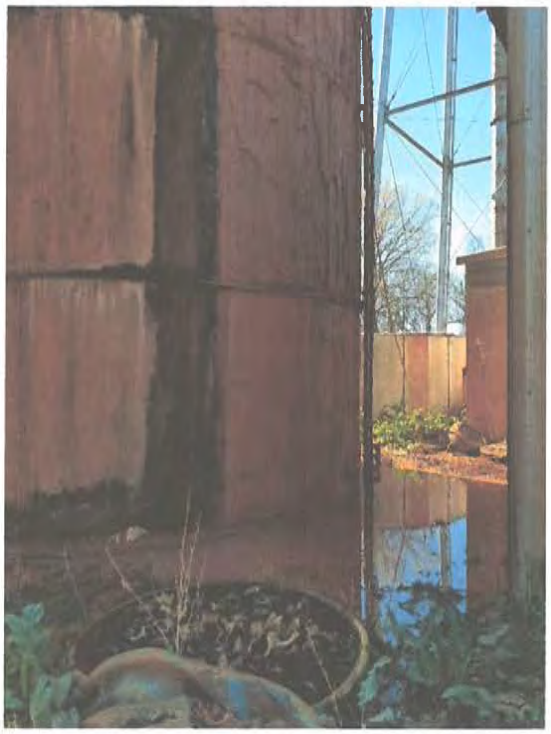
Attachment #15
Severity: Recommendations
Facility ID: DISINFECTION
Category: Treatment
Attachment Comments: Chlorine building door is in disrepair.



Attachment #16
Severity: Significant
Facility ID: WELL 1 WEST
Category: Source
Attachment Comments: Well 1 shows signs of corrosion.



Attachment #17
Severity: Significant
Facility ID: WELL 2 EAST
Category: Source
Attachment Comments: Well 2 shows signs of corrosion.



Attachment #18
Severity: Significant
Category: Other
Attachment Comments: Ground mixing tank showing signs of corrosion

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 5951

June 28, 2019

Buz Craft
City of Vidalia Water System
P.O. Box 2010
Vidalia, LA 71373

Re: Class I Sanitary Survey
City of Vidalia Water System
PWS ID LA1029011
Concordia Parish

Dear Mayor Craft:

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 City of Vidalia 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**
Rachael Bruce	LDH OPH Engineering Services
William Charlot	LDH OPH Engineering Services
Mark Morace	City of Vidalia

NOTICE OF VIOLATIONS

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

The following list 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	Clear well manhole hatch is not water tight. The water system shall repair or replace hatch.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The water system has not fully implemented the Cross Connection Control Plan according to their ordinance passed in 2015. The water system shall fully implement their CCCP.
FACILITY	CATEGORY	FINDINGS
TP005 - FLUORIDE	Treatment	Day tanks are not provided for fluoride. The water system shall provide day tanks for fluoride.
FACILITY	CATEGORY	FINDINGS
1029011-002 - WELL 2 MIDDLE WELL CO 148	Source	Seepage of water from the Mississippi River has pooled around the well site. The water system shall grade the area around the well to prevent water from pooling. **See Attachment #2 and #1**
FACILITY	CATEGORY	FINDINGS
1029011-003 - WELL 3 UPSTREAM CO 086	Source	The well slab contains cracks. The water system shall repair the cracked concrete slab to prevent any potential contamination into the well. **See Attachment #4 and #5**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The water system does not have the validation standards for their bench top colorimeters. The water system shall obtain a set of low and high range standards for their bench top colorimeters. **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: 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,
Sanitarian 4

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

John Bel Edwards
GOVERNOR

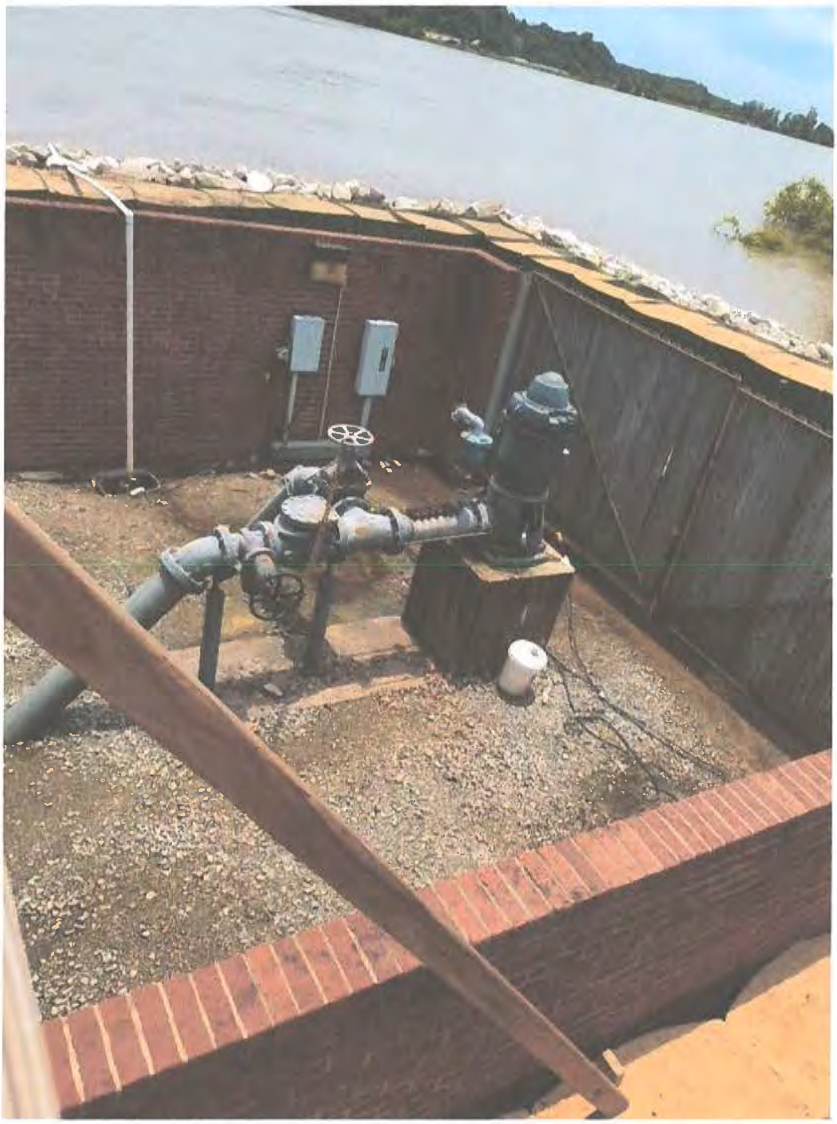
Rebekah E. Gee MD, MPH
SECRETARY

Attachments

State of Louisiana

Department of Health

Office of Public Health



Attachment #1
Severity: Significant
Facility ID: WELL 2 MIDDLE WELL CO 148
Category: Source
Attachment Comments: Well 2- water pooling on site

Office of Public Health ▪ Central Region VI
5604-B Coliseum Boulevard ▪ Alexandria, Louisiana 71303
Phone #: 318-487-5282 ▪ Fax #: 318-487-5338 ▪ www.ldh.la.gov
"An Equal Opportunity Employer"



Attachment #2
Severity: Significant
Facility ID: WELL 2 MIDDLE WELL CO 148
Category: Source
Attachment Comments: Well 2- water pooling around well site



Attachment #3
Severity: Minor
Category: M&R and Data Verification
Attachment Comments: Clear well hatch is not water tight.



Attachment #4
Severity: Significant
Facility ID: WELL 3 UPSTREAM CO 086
Category: Source
Attachment Comments: Well 3- crack in well slab



Attachment #5
Severity: Significant
Facility ID: WELL 3 UPSTREAM CO 086
Category: Source
Attachment Comments: Well 3- crack in concrete slab

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL:

May 22, 2019

Laisa Carpenter
EAST DESOTO WATER SYSTEM
PO Box 778
Mansfield, LA 71052

Re: Class I Sanitary Survey
EAST DESOTO WATER SYSTEM Public Water System
PWS ID LA1031005
DE SOTO Parish

Dear Mrs. Carpenter:

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 EAST DESOTO 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
Carl Carpenter	Bayou Pierre Water System
Laisa Carpenter	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

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/23/2016	07/27/2016	Sanitary Survey, Finished	Minor	Source	1031005-005-WELL #5
Comments: Remove rust and inspect the structural integrity of the well casing. Repaint the well casing if it is found to be structurally sounds.					

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.

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 - MAIN PLANT (SLOAN ROAD)	Treatment	Weighing scales shall be provided for weighing cylinders at all plants utilizing chlorine gas. No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized. 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. Each chlorine cylinder shall be restrained with individual chains.
FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT PLANT #2 (HWY 84)	Treatment	Weighing scales shall be provided for weighing cylinders at all plants utilizing chlorine gas. Provide scales for weighing chlorine cylinders that are in use.
FACILITY	CATEGORY	FINDINGS
1031005-002 - WELL #2	Source	Abandoned water wells and well holes shall be plugged in accordance with the Louisiana Water Well Rules, Regulations, and Standards. 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. There is no documentation on file with LDH stating that this well has been plugged and abandoned. This well must be plugged and abandoned properly in accordance with all applicable standards, rules and regulations for the State of Louisiana. Please provide documentation to this the well has been properly plugged and abandoned.

Written Response Required

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

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
05/15/2019	0.081 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019

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 318-676-5019.

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

Louisiana Department of Health

CERTIFIED MAIL: **7018 1830 0000 9275 2182**

December 13, 2019

Mayor Judge Cordray
LOGANSPORT WATER SYSTEM
P. O. Box 400
Logansport, LA 71049

Re: Class 2 Follow-Up Sanitary Survey Site Visit
LOGANSPORT WATER SYSTEM Public Water System
PWS ID LA1031008
DE SOTO Parish

Dear Mayor Cordray:

The Department of Health and Hospitals would like to thank you and the site visit participants for the courtesy and assistance provided during the December 12, 2019 Follow-Up Sanitary Survey inspection of the public water supply LOGANSPORT 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
Rex F Clark	Logansport Water System
Andrea Payton	LDH-OPH Engineering Services

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

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	0.063 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2019 - 09/30/2019
09/17/2019	0.069 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2019 - 09/30/2019
06/24/2019	0.068 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2019 - 06/30/2019
06/24/2019	0.075 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2019 - 06/30/2019
06/24/2019	0.082 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
03/26/2019	0.064 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
03/26/2019	0.072 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
12/18/2018	0.073 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
12/18/2018	0.095 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
12/18/2018	0.108 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

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
01/31/2018	01/31/2018	Sanitary Survey,	Significant	Other	Management

		Finished			
Comments: At the time of the inspection, a leak was noted in the filter gallery piping. The leak must be repaired.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
01/31/2018	01/31/2018	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED TANK
Comments: All storage tanks must be cleaned, inspected, and if needed, repaired, and painted on a 3-5 year cycle. Please notify this office of the last date of cleaning and inspection along with the next anticipated date of cleaning and inspection.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
01/31/2018	01/31/2018	Sanitary Survey, Finished	Minor	Finished Water Storage	GR002-GST #2, LP
Comments: The overflow was not screened at the time of the inspection. The overflow must be screened.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
01/31/2018	01/31/2018	Sanitary Survey, Finished	Minor	Finished Water Storage	GR002-GST #2, LP
Comments: All storage tanks must be cleaned, inspected, and if needed, repaired, and painted on a 3-5 year cycle. Please notify this office of the last date of cleaning and inspection along with the next anticipated date of cleaning and inspection.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
01/31/2018	01/31/2018	Sanitary Survey, Finished	Minor	Finished Water Storage	HD001-HD TANK
Comments: All storage tanks must be cleaned, inspected, and if needed, repaired, and painted on a 3-5 year cycle. Please notify this office of the last date of cleaning and inspection along with the next anticipated date of cleaning and inspection.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
01/31/2018	01/31/2018	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: The water system's records for calibrations and validations of disinfectant analyzers must include the following: 1. Records of bench top spectrophotometers/calorimeters shall include meter location, meter identification, dates and results of NIST traceable standard solution, dates of calibration/validation and the name of the person performing the calibration/validation. 2. Records of continuous disinfectant residual monitors shall include meter location, unique meter identification (e.g., model and serial number), dates and results of calibration/validation, and the corrective actions taken when deviations of + or - 10 percent or more occur.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
01/31/2018	01/31/2018	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management

Comments: The water system's records for re-standardization of secondary standards for turbidimeters must include the following: 1. Records or re-standardizations done using continuous monitoring turbidimeters shall include the value assigned to the secondary standard, date of assignment, meter location (e.g., filter number), meter identification (e.g., model and serial number) which was used to assign the secondary standard its unique value for such meter, manufacturer's expiration date, and the name of the person performing the re-standardization. 2. Records of re-standardizations done using continuous monitoring turbidimeters shall include the value assigned to the secondary standard, date of assignment, meter location (e.g., filter number), meter identification (e.g., model and serial number) which was used to assign the secondary standard its unique value for such meter, manufacturer's expiration date, and the name of the person performing the re-standardization.

Visit Date	Notify Date	Reason	Severity	Category	Facility
01/31/2018	01/31/2018	Sanitary Survey, Finished	Minor	Treatment	TP001-SURFACE WATER TREATMENT PLANT

Comments: At the time of the inspection, soda ash was stored in the chlorine room. Chemicals that are not compatible must not be stored together. Therefore, the soda ash stored in the chlorine room must be relocated. In addition, the ceiling of the chlorine room has an opening into the chemical room on the second floor. Because those chemicals are dry chemicals that create dust, the water system must limit the contact that can occur between the two rooms.

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/16/2016	12/17/2016	Water Treatment Plant Site Visit	Minor	M&R and Data Verification	Management

Comments: The turbidimeters shall be calibrated using a turbidity primary standard at a frequency of no less than once every 90 days and in accord with the manufacturer's instructions.

Visit Date	Notify Date	Reason	Severity	Category	Facility
01/26/2015	03/10/2015	Formal Enforcement	Minor	Treatment	TP001-SURFACE WATER TREATMENT PLANT

Comments: The chlorine room doors must be replaced.

Significant Deficiencies

No new observations were recorded in this category. However, it was noted that the leak in the filter gallery piping is on-going or a new leak has occurred. The leak must be repaired. See Figure 1 in the attachment.

Minor Deficiencies

No new 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: Andrea Payton
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 Andrea.Payton@la.gov.

Sincerely,

Andrea Payton
LDH/OPH - Engineering Services

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

Attachment

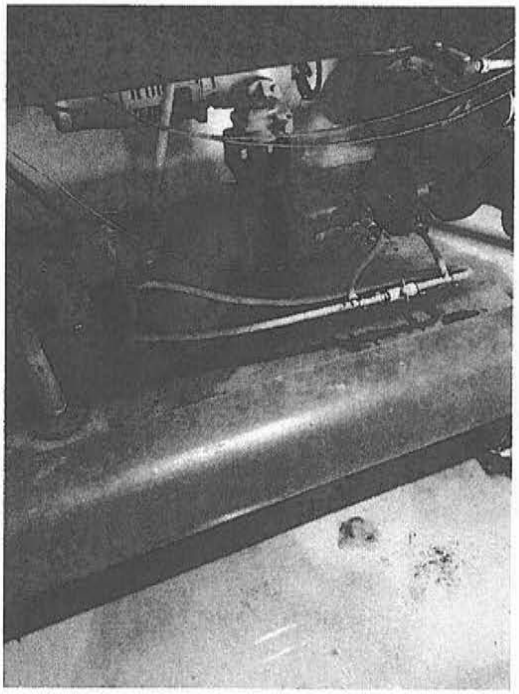


Figure 1 - Leak in Pipe Gallery

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 0591 – Return Receipt Requested

May 2, 2019

John Mayweather, Sr., Mayor
MANSFIELD WATER SYSTEM
705 Polk Street
Mansfield, LA 71052

Re: Class I Sanitary Survey
MANSFIELD WATER SYSTEM Public Water System
PWS ID LA1031009
DE SOTO Parish

Dear Mayor Mayweather, Sr.:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 5, 2019 sanitary survey inspection of the public water supply system for MANSFIELD 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
Andrea Payton	LDH-OPH Engineering Services
Tommy Vines	Mansfield 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 overflow piping on the Elevated Tank connected directly to a pipe that discharged at an unknown location off-site. The overflow piping shall be disconnected and brought 12-24 inches above the ground and discharge onto a splash pad. The overflow shall be screened as well. 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.
FACILITY	CATEGORY	FINDINGS
GR003 - GST #3, STANLEY	Finished Water Storage	There was an unidentified line protruding from the top of the ground storage tank. The line did not have a screen on the end of it. It was difficult to tell whether or not the line went inside of the storage tank, and shall be capped or removed as a precaution.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER TREATMENT PLANT	Treatment	There was no means of measuring the level of ammonia in the ammonia feed cylinders. Provision shall be made for measuring quantities of chemicals used to prepare feed solutions.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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 chlorine gas cylinders were sharing a common chain. All chlorine cylinders should be chained separately so as to prevent upset.
FACILITY	CATEGORY	FINDINGS
TP007 - HWY 84 BOOSTER STATION	Treatment	There were no weighing scales for the chlorine cylinders at the booster plant. Weighing scales shall be provided for weighing cylinders at all plants utilizing chlorine gas.
FACILITY	CATEGORY	FINDINGS
TP001 - SURFACE WATER TREATMENT PLANT	Treatment	There were no weighing scales for the chlorine cylinders at the main plant. 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: 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
S1902393-006	Routine	4/9/2019			3.010
S1803294-002	Routine	6/11/2018			3.500

Violation History

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
07/18/2018	84 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
07/18/2018	84 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
7006966	11/07/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	10/01/2018 - 10/31/2018
7006965	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 318-676-5422.

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 1528 0808**

October 14, 2019

Andy Bridges
NORTH DESOTO WATER SYSTEM
2730 Hwy 171
Stonewall, LA 71078

Re: Class I Sanitary Survey
NORTH DESOTO WATER SYSTEM Public Water System
PWS ID LA1031011
DE SOTO 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 October 7, 2019 sanitary survey inspection of the public water supply system for NORTH DESOTO 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
Joe Etheredge	Contract Operator
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	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
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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1904801-004		7/17/2019			
S1904387-001	Routine	7/15/2019		2.020	

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
7002678	05/08/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	04/01/2019 - 04/30/2019
7002677	03/04/2019	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 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: **7012 1010 0000 1528 0815**

October 30, 2019

John Neilson
HIGHWAY 513 WATER SUPPLY
P.O. Box 1409
Mansfield, LA 71052

Re: Class I Sanitary Survey
HIGHWAY 513 WATER SUPPLY Public Water System
PWS ID LA1031028
DE SOTO Parish

Dear Mr. Neilson:

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 HIGHWAY 513 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
Yatowski Grant	LDH OPH Engineering Services
John Neilson	Desoto Parish WWD No. 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

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

Violation Number	Violation Date	Violation Type	Compliance Period
931	05/20/2019	INADEQUATE MIN 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 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: **7012 1010 0000 1528 0792**

June 28, 2019

Sedric Robinson
KINSEY SCOUT RESERVATION WATER SYSTEM
3508 Beverly Place
Shreveport, LA 71104

Re: Class I Sanitary Survey
KINSEY SCOUT RESERVATION WATER SYSTEM Public Water System
PWS ID LA2031002
DE SOTO Parish

Dear Mr. Robinson:

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 KINSEY SCOUT RESERVATION 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
Pete Traylor	Kinsey Scout Reservation

NOTICE OF VIOLATIONS

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

The following list 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.
FACILITY	CATEGORY	FINDINGS
TP004 - TP @ WELL #4 (POOLHOUSE)	Treatment	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. **See Attachment #7**
FACILITY	CATEGORY	FINDINGS
2031002-004 - WELL #4, POOLHOUSE	Source	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. **See Attachment #6**
FACILITY	CATEGORY	FINDINGS
2031002-001 - WELL #1, TOWER WELL	Source	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.
FACILITY	CATEGORY	FINDINGS
2031002-001 - WELL #1, TOWER WELL	Source	The sample tap must be the smooth nozzle type. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
2031002-003 - WELL #3, WINTER AREA WELL	Source	The sample tap must be the smooth nozzle type. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
2031002-002 - WELL #2, TOWER WELL (EAST)	Source	The sample tap must be the smooth nozzle type. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
2031002-002 - WELL #2, TOWER WELL (EAST)	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
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	Lab forms where missing from January 2017 to December 2018. Records should be kept for 10 years.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TANK	Finished Water Storage	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. **See Attachment #8**
FACILITY	CATEGORY	FINDINGS
2031002-003 - WELL #3, WINTER AREA WELL	Source	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.
FACILITY	CATEGORY	FINDINGS
2031002-003 - WELL #3, WINTER AREA WELL	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.
FACILITY	CATEGORY	FINDINGS
2031002-004 - WELL #4, POOLHOUSE	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 #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.

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
S1904253-001	Routine	6/24/2019		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

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 #1, TOWER WELL

Category: Source

Attachment Comments: The sample tap must be the smooth nozzle type.



Attachment #2

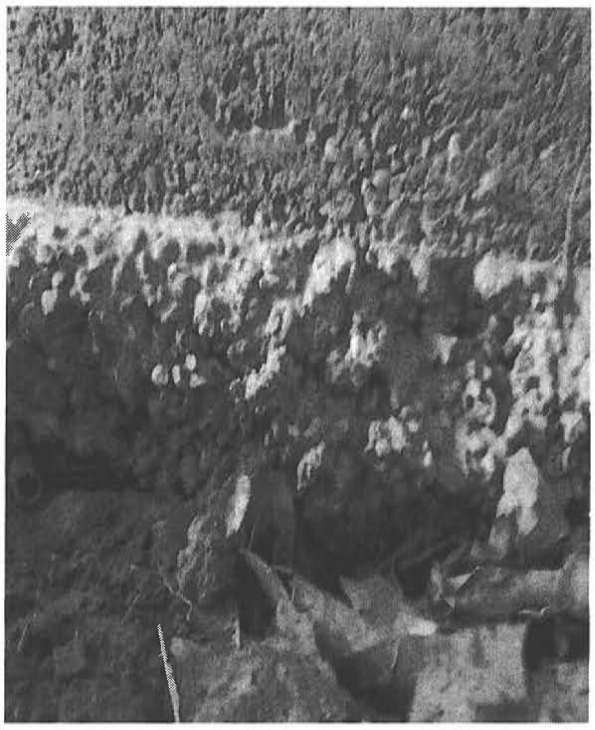
Severity: Significant

Facility ID: WELL #2, TOWER WELL (EAST)

Category: Source

Attachment Comments: The sample tap must be the smooth nozzle type.

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"



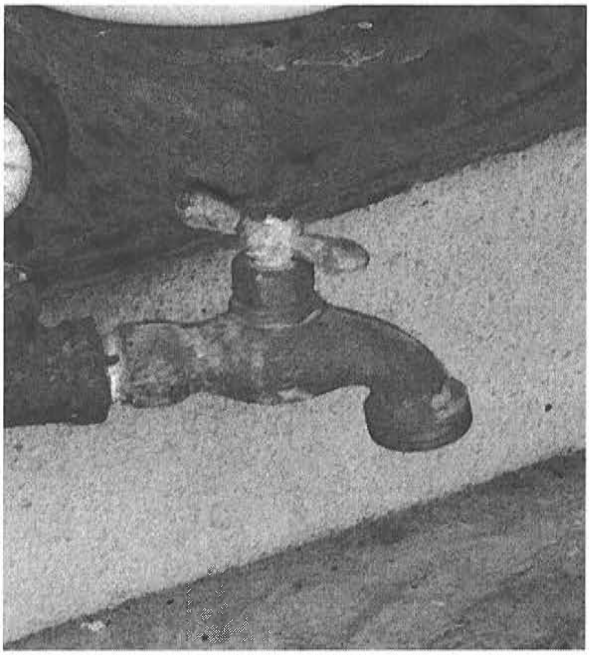
Attachment #3

Severity: Significant

Facility ID: WELL #2, TOWER WELL (EAST)

Category: Source

Attachment Comments: There is an inch between the ground and the well.



Attachment #4

Severity: Significant

Facility ID: WELL #3, WINTER AREA WELL

Category: Source

Attachment Comments: The sample tap must be the smooth nozzle type.



Attachment #5

Severity: Minor

Facility ID: WELL #4, POOLHOUSE

Category: Source

Attachment Comments: Showing signs of rust, corrosion, and flaking paint.

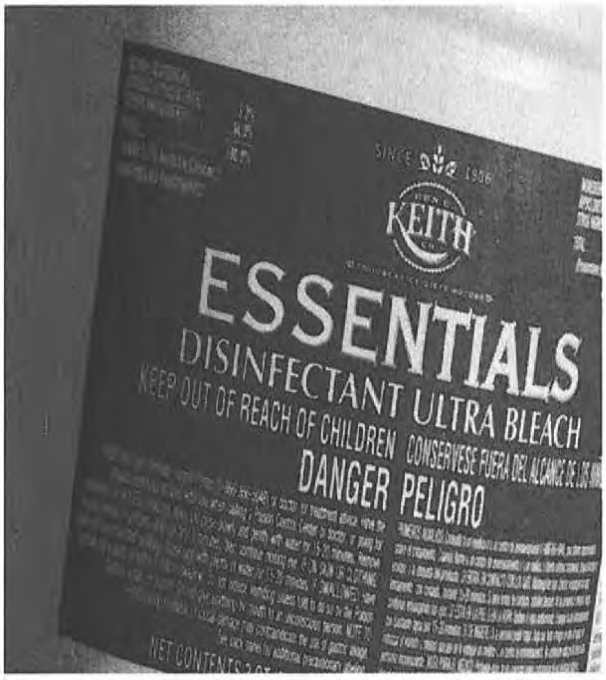
Attachment #6

Severity: Significant

Facility ID: WELL #4, POOLHOUSE

Category: Source

Attachment Comments: The current casing seal has void spaces that provide for the possible entrance of foreign substances that



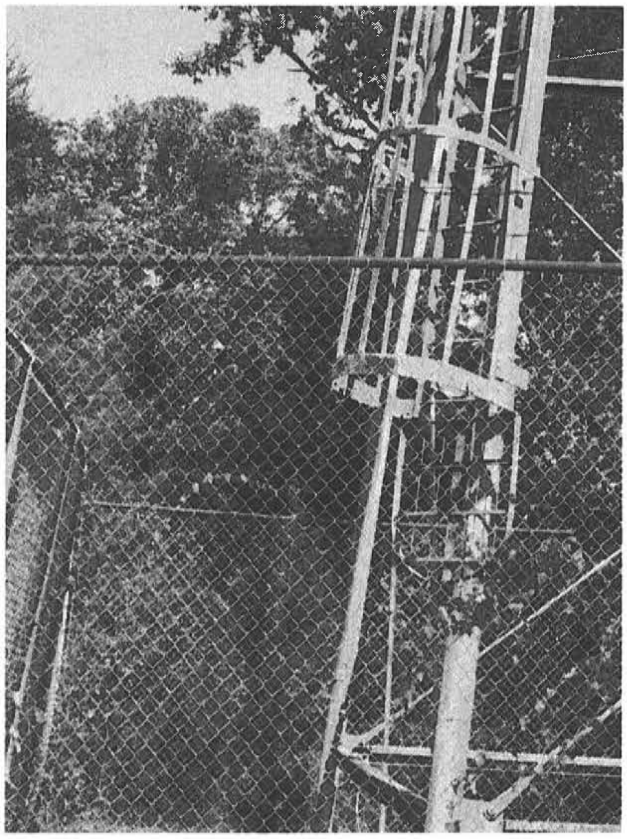
Attachment #7

Severity: Significant

Facility ID: TP @ WELL #4 (POOLHOUSE)

Category: Treatment

Attachment Comments: 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.



Attachment #8

Severity: Minor

Facility ID: ELEVATED TANK

Category: Finished Water Storage

Attachment Comments: The tank is showing signs of rust, corrosion 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: **7012 1010 0000 1527 9840**

October 18, 2019

Alyssa Martin
INTERNATIONAL PAPER (MANSFIELD)
1202 Highway 509
Mansfield, LA 71052

Re: Class I Sanitary Survey
INTERNATIONAL PAPER (MANSFIELD) Public Water System
PWS ID LA2031009
DE SOTO Parish

Dear Ms. Martin:

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 INTERNATIONAL PAPER (MANSFIELD) (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Alyssa Martin	International Paper

NOTICE OF VIOLATIONS

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

The following list 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 Public Health

CERTIFIED MAIL: 7018 1830 0001 0580 7588

March 25, 2019

Pat Kerr
BATON ROUGE WATER COMPANY
PO Box 96016
Baton Rouge, LA 70896

Re: Class I Sanitary Survey
BATON ROUGE WATER COMPANY Public Water System
PWS ID LA1033005
East Baton Rouge Parish

Dear Mr. Kerr:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 6, 2019 sanitary survey inspection of the public water supply system for BATON ROUGE 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
Brian Suberbielle	LDH/OPH Engineering
Clark Broussard	LDH/OPH Engineering
Blake Fogleman	LDH/OPH Engineering
Jacob Haffner	LDH/OPH District II Engineer
Jefferson Miller	Baton Rouge Water Company
James R. Gilpin, Jr.	Baton Rouge 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 valve at the Airline Storage Pumping Facility had a significant leak at the time of inspection. The configuration of the piping to manage the leak creates a potential cross connection. LAC 51.XII.203.F.3 - Cross-connection control shall be provided to assure that no direct connection exists between any sewer and a drain or overflow from the liquid chemical feeder, liquid storage chamber or tank by providing that all drains terminate at least six inches or two pipe diameters, whichever is greater, above the overflow rim of a receiving sump, conduit or waste receptacle. **See Attachment #20**
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The water system did not have a cross connection control ordinance. A formal cross connection control plan is required. Each water utility shall have a program conforming to state requirements to detect and eliminate cross connections. 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. An adopted and signed cross connection control plan shall be provided to this office. LAC 51:XII.344B. and D.4 – 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. If a water supplier has a reasonable basis to believe that an unprotected or improperly protected cross connection exists on the premise of any customer not required to comply with mandatory containment practices, the water supplier may discontinue water service to the

		customer.
FACILITY	CATEGORY	FINDINGS
1033019-018 - RAMBLING OAKS WELL	Source	At the time of inspection, the injection pit was flooded due to a malfunctioning sump pump. 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**
FACILITY	CATEGORY	FINDINGS
1033019-001 - BANKERS LANE	Source	At the time of inspection, the injection pit was flooded due to a malfunctioning sump pump. 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 #4**
FACILITY	CATEGORY	FINDINGS
1033019-003 - DEER LAKE	Source	During the survey, standing water was observed adjacent to the slab. 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 #5**
FACILITY	CATEGORY	FINDINGS
1033019-017 - PLANK ROAD 002 WELL	Source	During the survey, standing water was observed adjacent to 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 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**
FACILITY	CATEGORY	FINDINGS
1033005-021 - INTERSTATE 002	Source	The pressure gauge conduit into the casing at Well No. 2 at the I-12 Combined Header site was open to the atmosphere providing a pathway for contamination.

		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 #14**

Deficiencies

FACILITY	CATEGORY	FINDINGS
SYSTEM WIDE	Distribution System	During the inspection, POE sample taps were observed to have a "T" connection shared with threaded hose bibs. The water system shall conduct a system wide inspection of their inventory to identify well sites that have the shared POE configuration and relocate the POE sample tap on the water main with an approved dedicated connection. 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/LDH against the public water supply. **See Attachment #17**
FACILITY	CATEGORY	FINDINGS
SYSTEM WIDE Bankston 001 Well	SOURCE	Numerous instances of raw water sample taps sharing a "T" connection with threaded hose bibs were found throughout the water system. All well sites shall be examined for this type of connection and, if found, remove the "T" arrangement to ensure that the raw water sample taps will be located on a dedicated connection on the discharge line upstream from the check valve. 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 #18**
FACILITY	CATEGORY	FINDINGS
EL004 - HIGHLAND TOWER	Finished Water Storage	A hole was discovered at the base of the foundation of the Highland Rd. Storage Tower, creating the possibility of foundation degradation and instability.

		LAC 51.XII.225.D.1 – Ground level reservoirs shall be protected from contamination to a point two feet above the 100-year flood elevation requirements and from groundwater infiltration. Sewers, drains, standing water, and similar sources of possible contamination must be kept at least 50 feet from the reservoir. Gravity sewers constructed of water main quality pipe, pressure tested in place without leakage, may be used at distances greater than 20 feet but less than 50 feet. **See Attachment #15**
FACILITY	CATEGORY	FINDINGS
HD026-PW - MALLARD LAKE HYDRO TANK	Finished Water Storage	The area around the base of the hydro-pneumatic tank was in need of grading in order for water to drain away from the structure. LAC 51.XII.225.D.1 – Ground level reservoirs shall be protected from contamination to a point two feet above the 100-year flood elevation requirements and from groundwater infiltration. Sewers, drains, standing water, and similar sources of possible contamination must be kept at least 50 feet from the reservoir. Gravity sewers constructed of water main quality pipe, pressure tested in place without leakage, may be used at distances greater than 20 feet but less than 50 feet. **See Attachment #9**
FACILITY	CATEGORY	FINDINGS
EL003-PW - LAMAR DIXON STORAGE FACILITY	Finished Water Storage	The overflow pipe for the Lamar Dixon Storage Facility had the protective screening installed on the flapper instead of the overflow pipe. 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. 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 #13**
FACILITY	CATEGORY	FINDINGS
GR002-PW - DUPLESSIS GROUND STORAGE	Finished Water Storage	The area around the base of the ground storage tank was in need of grading in order for water to drain away from the structure. LAC 51.XII.225.D.1 – Ground level reservoirs shall be protected from contamination to a point two feet above the 100-year flood elevation requirements and from groundwater infiltration. Sewers, drains, standing water, and similar sources of possible contamination must be kept at least 50 feet from the reservoir. Gravity sewers constructed of water main quality pipe, pressure tested in place without leakage, may be used at distances greater than 20 feet but less than 50 feet. **See Attachment #11**
FACILITY	CATEGORY	FINDINGS
TP005-PW - FOSTER ROAD	Treatment	At the time of the survey, the ventilating fan could be operated from multiple switches without a light to indicate

TREATMENT PLANT		the fan was running. LAC 51:XII.209.A.h - 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.
FACILITY	CATEGORY	FINDINGS
SYSTEM WIDE	Treatment	During the water system inspection, numerous locations were found to have Phosphoric Acid tanks without secondary containment. Liquid chemical storage tanks are required to have a receiving basin that provides sufficient containment volume to prevent accidental discharge in the event of tank failure. LAC 51:XII.203.I.4 - Liquid chemical storage tanks shall have a means to readily determine the volume of liquid retained in the storage tank 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 of compatible chemicals, which provides sufficient containment volume to prevent accidental discharge in the event of failure of the largest tank.
FACILITY	CATEGORY	FINDINGS
TP024-PW - WHITE OAK LANDING TREATMENT PLANT	Treatment	The configuration of the intake vent and the exhaust fan, were such that the short circuiting of contaminated air is possible. LAC 51:XII.209.A.e- Where chlorine gas is used, the room shall be constructed to provide the following: the ventilating fan shall take suction near the floor and as great a distance as is practical from the door and air inlet, with the point of discharge located so as not to contaminate air inlets to any rooms or structures. **See Attachment #8**
FACILITY	CATEGORY	FINDINGS
TP001-PW - BANKERS LANE TREATMENT PLANT	Treatment	The louvers at the Bankers St. treatment plant were in a state of disrepair and stuck in the closed position due to corrosion. LAC 51:XII.209.A.g - Where chlorine gas is used, the room shall be constructed to provide louvers for chlorine room air intake and exhaust shall facilitate airtight closure.
FACILITY	CATEGORY	FINDINGS
SYSTEM WIDE	Source	Over the course of the sanitary survey, the screens on the discharge pipe air relief valves were discovered not to be the correct mesh size. The discharge piping shall be equipped with air relief piping covered with a 24 mesh

		corrosion resistant screen. The water system shall investigate the screens on the air relief valves throughout the water system to ensure compliance with the 24 mesh screen requirement on the air relief valves of the discharging pipes. LAC 51:XII.169.H.3.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.
FACILITY	CATEGORY	FINDINGS
1033019-012 - LIBERTY ROAD WELL	Source	The air relief valve was not terminated in a down-turned position. LAC 51:XII.169.H.3.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 #1**
FACILITY	CATEGORY	FINDINGS
GR002-PW - DUPLESSIS GROUND STORAGE	Finished Water Storage	The manhole lid on the Duplessis Ground Storage Tank did not have a watertight lid. The water system shall install a shoe-box style watertight covering for the manhole opening. LAC 51.XII.225.J.2.a-b - Each manhole shall be elevated at least 24 inches above the top of the tank or the finished grade of the surrounding ground, whichever is higher. 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 #19**
FACILITY	CATEGORY	FINDINGS
SYSTEM WIDE	Source	While surveying the water system, the well casing vents were covered with screens that were not in compliance with LDH regulations. The well casing vent openings shall be covered with a 24 mesh. The water system shall examine the well casing vent screens on all system wells to ensure a 24 mesh and replace those screens that are the incorrect mesh size. LAC 51:XII.169.H.6 - All potable water well casings shall be vented to atmosphere. 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 100-year flood elevation, but in no case less than 24 inches above the ground surface and such vent openings and extensions thereof shall be not less than 1/2 inch in diameter, 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.

FACILITY	CATEGORY	FINDINGS
SYSTEM WIDE	System Management and Operation	At the time of survey, it was noted that the squirrel cages on the wells rotating pump shaft at multiple well sites were in a state of disrepair or missing, presenting a risk to employee safety. It is recommended that the water system investigate all well sites to confirm that the squirrel cages are installed/repaired around the rotating shaft on the wells turbine motors. LAC 51:XII.157 - Consideration must be given to the safety of water plant personnel and visitors. 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. Items to be considered include, but are not limited to, 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 #16**

Written Response Required

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
6685501	Routine	8/14/2018			1.530

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

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,

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

Attachments



Attachment #1

Severity: Minor

Facility ID: LIBERTY ROAD WELL

Category: Source

Attachment Comments: The air relief valve was not terminated in a down-turned position.



Attachment #2

Severity: Significant

Facility ID: PLANK ROAD 002 WELL

Category: Source

Attachment Comments: During the survey, standing water was observed adjacent to the well slab.



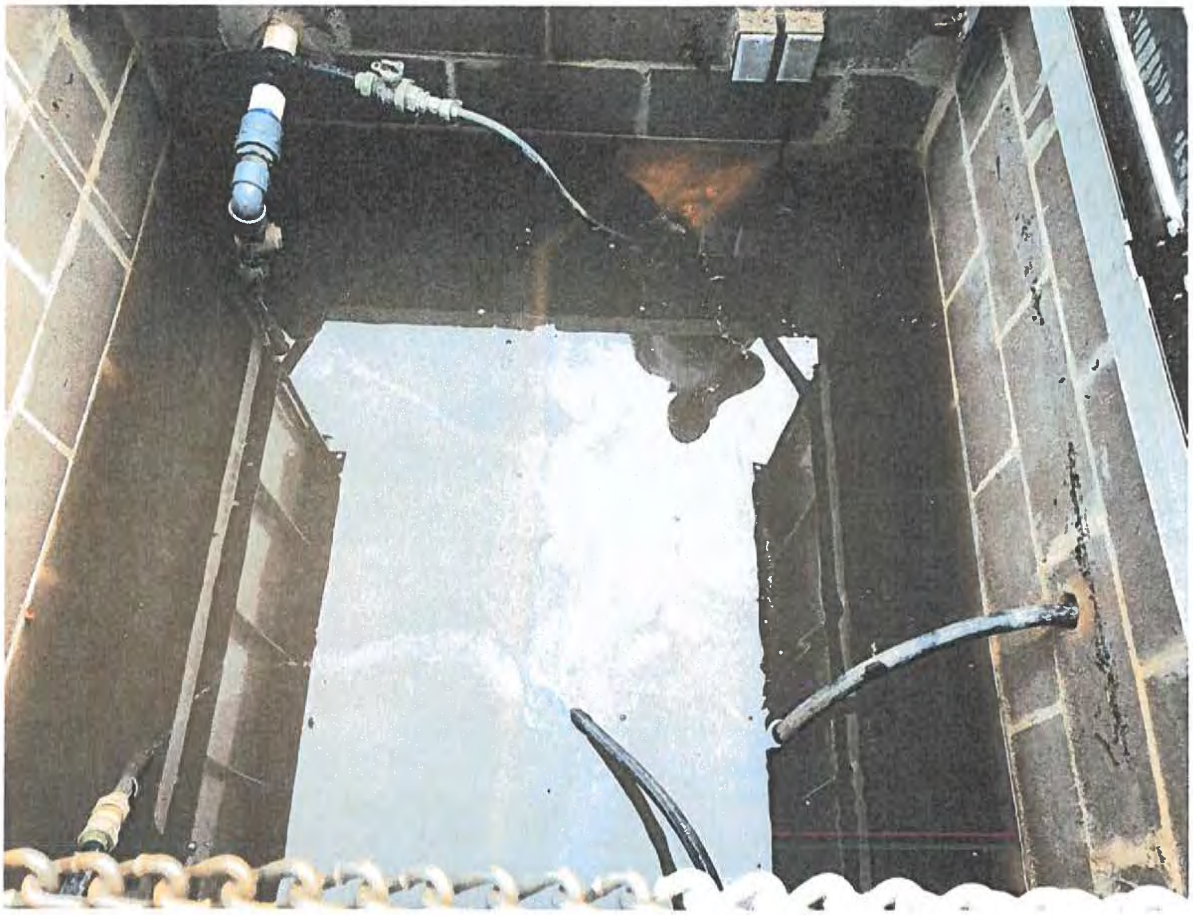
Attachment #3

Severity: Significant

Facility ID: RAMBLING OAKS WELL

Category: Source

Attachment Comments: At the time of inspection, the injection pit was flooded due to a malfunctioning sump pump.



Attachment #4

Severity: Significant

Facility ID: BANKERS LANE

Category: Source

Attachment Comments: At the time of inspection, the injection pit was flooded due to a malfunctioning sump pump.



Attachment #5

Severity: Significant

Facility ID: DEER LAKE

Category: Source

Attachment Comments: During the survey, standing water was observed adjacent to the slab.



Attachment #8

Severity: Minor

Facility ID: WHITE OAK LANDING TREATMENT PLANT

Category: Treatment

Attachment Comments: The configuration of the intake vent and the exhaust fan, were such that the short circuiting of contaminated air is possible.



Attachment #9

Severity: Minor

Facility ID: MALLARD LAKE HYDRO TANK

Category: Finished Water Storage

Attachment Comments: The area around the base of the hydro-pneumatic tank was in need of grading in order for water to drain away from the structure.



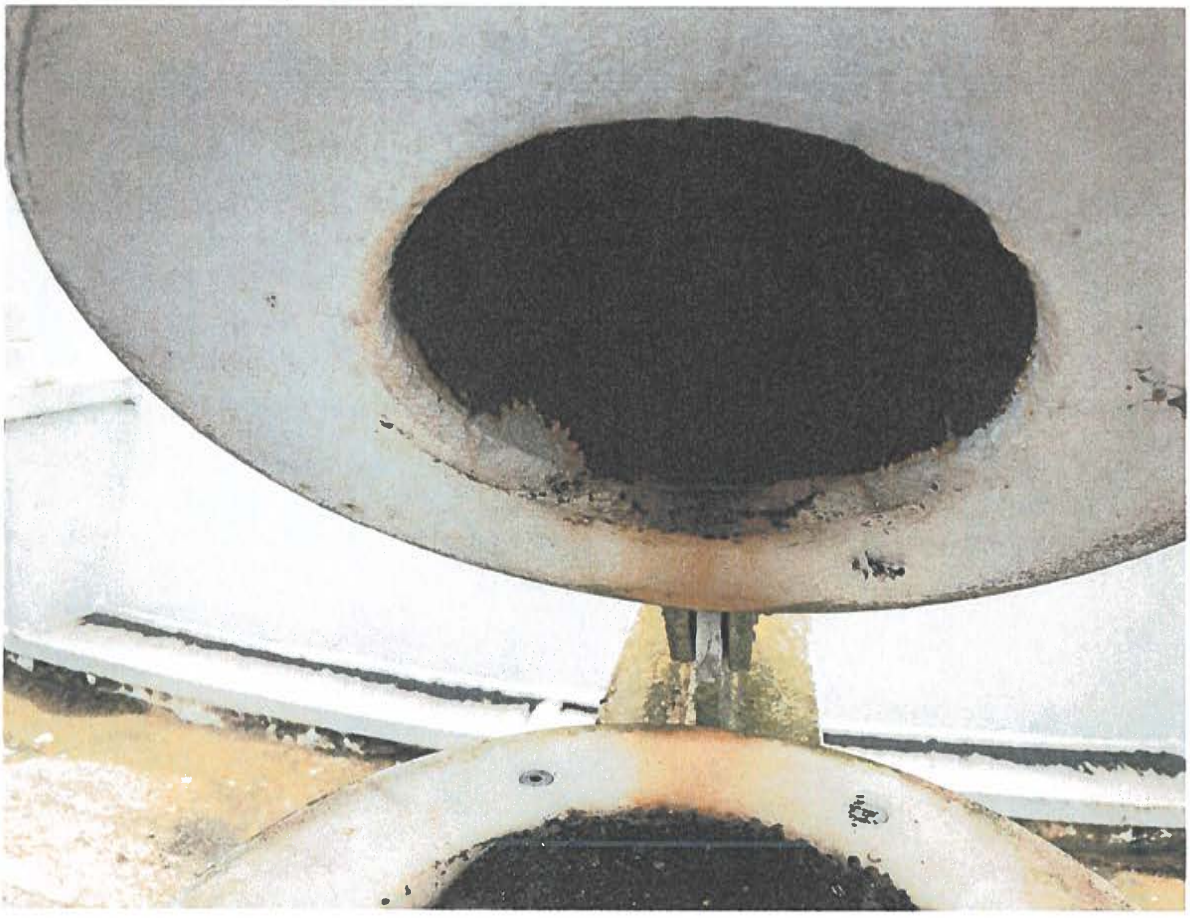
Attachment #11

Severity: Minor

Facility ID: DUPLESSIS GROUND STORAGE

Category: Finished Water Storage

Attachment Comments: The area around the base of the ground storage tank was in need of grading in order for water to drain away from the structure.



Attachment #13

Severity: Minor

Facility ID: LAMAR DIXON STORAGE FACILITY

Category: Finished Water Storage

Attachment Comments: The overflow pipe for the Lamar Dixon Storage Facility had the protective screening installed on the flapper instead of the overflow pipe.



Attachment #14

Severity: Significant

Facility ID: INTERSTATE 002

Category: Source

Attachment Comments: The pressure gauge conduit into the casing at Well No. 2 at the I-12 Combined Header site was open to the atmosphere providing a pathway for contamination.



Attachment #15

Severity: Minor

Facility ID: HIGHLAND TOWER

Category: Finished Water Storage

Attachment Comments: A hole was discovered at the base of the foundation of the Highland Rd. Storage Tower, creating the possibility of foundation degradation and instability.



Attachment #16

Severity: Recommendations

Facility ID: SYSTEM WIDE

Category: System Management and Operation

Attachment Comments: At the time of survey, it was noted that the squirrel cages on the wells rotating pump shaft at multiple well sites were in a state of disrepair or missing, presenting a risk to employee safety. It is recommended that the water system investigate all well sites to confirm that the squirrel cages are installed/repaired around the rotating shaft on the wells turbine motors.



Attachment #17

Severity: Minor

Facility ID: SYSTEM WIDE

Category: Distribution System

Attachment Comments: During the inspection, POE sample taps were observed to have a "T" connection shared with threaded hose bibs. The water system shall conduct a system wide inspection of their inventory to identify well sites that have the shared POE configuration and relocate the POE sample tap on the water main with an approved dedicated connection.



Attachment #18

Severity: Significant

Facility ID: SYSTEM WIDE

Category: Source

Attachment Comments: Numerous instances of raw water sample taps sharing a "T" connection with threaded hose bibs were found throughout the water system. All well sites shall be examined for this type of connection and, if found, remove the "T" arrangement to ensure that the raw water sample taps will be located on a dedicated connection on the discharge line upstream from the check valve.



Attachment #19

Severity: Minor

Facility ID: DUPLESSIS GROUND STORAGE

Category: Finished Water Storage

Attachment Comments: The manhole lid on the Duplessis Ground Storage Tank did not have a watertight lid. The water system shall install a shoe-box style watertight covering for the manhole opening.



Attachment #20

Severity: Significant

Facility ID: AIRLINE PUMPING FACILITY

Category: Other

Attachment Comments: The valve at the Airline Storage Pumping Facility had a significant leak at the time of inspection. The configuration of the piping to manage the leak creates a potential cross connection.

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 8924 3959

August 26, 2019

Richard Perry
J E S T C
1400 W. Irene Road
Zachary, LA 70791

Re: Class I Sanitary Survey
J E S T C Public Water System
PWS ID LA1033132
EAST BATON ROUGE Parish

Dear Mr. Perry:

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 J E S T C (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
John Ramer	LDH/OPH Region 2 Engineering Services
Ryan Farlow	LDH/OPH Region 2 Engineering Services
Richard Perry	JESTC

NOTICE OF VIOLATIONS

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

The following list 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
07/14/2017	07/14/2017	Sanitary Survey, Finished	Significant	Source	2033132-001-J.E.S.T.C. WELL 001
Comments: A secondary groundwater source is not provided for the JESTC PWS. A minimum of two sources of groundwater shall be provided.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/14/2017	07/14/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: A copy of all Public Notifications (distributed/published/posted) made available to the persons served by the water supply will need to be submitted to the state health officer.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/21/2013	02/21/2013	Sanitary Survey, Finished	Minor	Source	2033132-002-J.E.S.T.C. WELL 002
Comments: A secondary groundwater source is not provided for the JESTC PWS. A minimum of two sources of groundwater shall be provided.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	A suitable POE (point of entry) tap is not provided. Provide a suitable tap between the hydropneumatic tank and distribution system. LAC 51:XII.903.B requires that the water supply must provide suitable taps which draw water directly from the mains. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
2033132-002 - J.E.S.T.C. WELL 002	Source	Minor corrosion noted on well discharge piping between well head and ground storage tank. The water pipes are to be cleaned and treated to prevent further corrosion LAC 51:XII.169.H.3.a.viii requires the discharge piping shall have all exposed piping, valves and appurtenances protected against physical damage and freezing. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
2033132-002 - J.E.S.T.C. WELL 002	Source	The pressure gauge located on the well head is in poor repair. Replace pressure gauge on discharge piping. LAC 51:XII.169.H.3.a.iv requires the discharge piping be equipped with a check valve in or at the well, a shutoff valve, a pressure gauge, and a means of measuring flowing. **See Attachment #1**

FACILITY	CATEGORY	FINDINGS
2033132-002 - J.E.S.T.C. WELL 002	Source	The well vent mesh screen is in poor repair. The well vent shall be covered with a 24 mesh corrosion resistant screen. LAC 51:XII.169.H.3.a.vi requires 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.

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

Violation Number	Violation Date	Violation Type	Compliance Period
32	05/09/2019	FAILURE ADDRESS DEFICIENCY (GWR)	
36	04/02/2019	CCR REPORT	
35	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 225-342-7159.

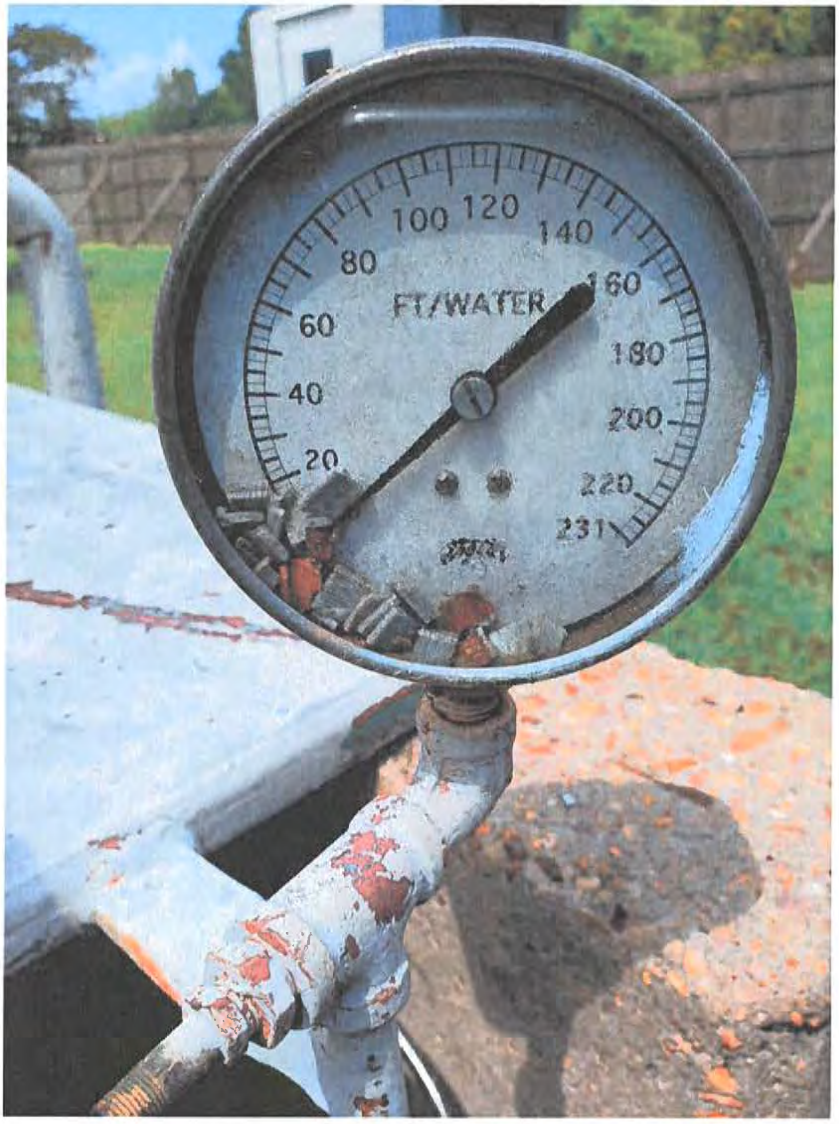
Respectfully,

John Ramer

John Ramer, R.S.
Region 2 Sanitarian

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

Attachments



Attachment #1

Severity: Minor

Facility ID: J.E.S.T.C. WELL 002

Category: Source

Attachment Comments: The pressure gauge located on the well head is in poor repair.

Office of Public Health • Capitol Region II

P.O. Box 4489 ▪ Baton Rouge, Louisiana 70821

Phone #: 225-342-7499 ▪ Fax #: 225-342-7607 ▪ www.ldh.la.gov

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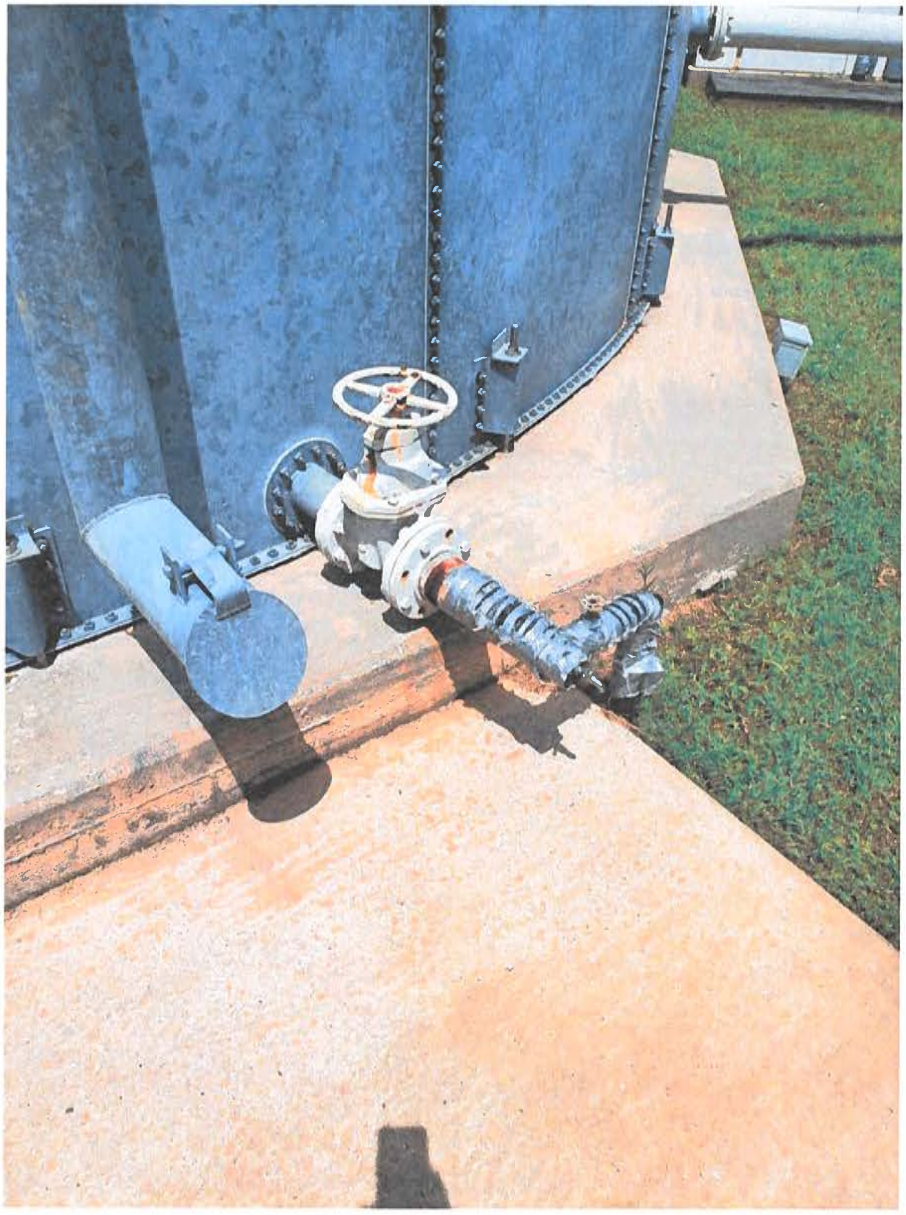


Attachment #2

Severity: Minor

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: A suitable POE (point of entry) tap is not provided.



Attachment #3

Severity: Minor

Facility ID: J.E.S.T.C. WELL 002

Category: Source

Attachment Comments: Minor corrosion noted on well discharge piping between well head 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:7018 1830 0001 0580 8448

March 11, 2019

Ykethia Williams
EXXON MOBILE BATON ROUGE CHEMICALS NORTH
1836 Shada Ave.
Baton Rouge, LA 70805

Re: Class I Sanitary Survey
EXXON MOBILE BATON ROUGE CHEMICALS NORTH Public Water System
PWS ID LA2033014
EAST BATON ROUGE Parish

Dear Ms. Williams:

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 EXXON MOBILE BATON ROUGE CHEMICALS 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
Clark Broussard	Region II Engineering
John Bradford	Exxon Mobil Br Chemical North
Dewayne Mcgehee	Exxon Mobil Br Chemical North
Ykethia Williams	Exxon Mobil Br Chemical 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
2033014-002 - EXXONMOBIL BRCN WELL 2A	Source	At the time of the survey, the sanitary seal appeared to be deteriorating. LAC 51:XII.319.D.3 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

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	At the time of the survey, it was noted that the slab for well 2A was covered with gravel. It is recommended that the well slab be cleared so that the integrity of the slab can be visually assessed. **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

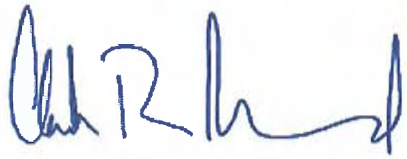
No maximum contaminant level violations were reported in the past year.

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: Significant

Facility ID: EXXONMOBIL BRCN WELL 2A

Category: Source

Attachment Comments: At the time of the survey, the sanitary seal appeared to be deteriorating. 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: Recommendations

Category: Other

Attachment Comments: At the time of the survey, it was noted that the slab for well 2A was covered with gravel. It is recommended that the well slab be cleared so that the integrity of the slab can be visually assessed.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL:7019 0700 0000 8664 3382

August 13, 2019

Paul Heurtevant
FORMOSA PLASTICS CORPORATION
PO Box 271
Baton Rouge, LA 70821

Re: Class I Sanitary Survey
FORMOSA PLASTICS CORPORATION Public Water System
PWS ID LA2033102
EAST BATON ROUGE Parish

Dear Mr. Heurtevant:

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 FORMOSA PLASTICS 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
Clark Broussard	LDH\OPH Region II Engineering
Todd Thompson	Formosa Plastics Corporation

NOTICE OF VIOLATIONS

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

The following list 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

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	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.
FACILITY	CATEGORY	FINDINGS

TP001 - TREATMENT PLANT	Treatment	At the time of the survey, the chlorine cylinders were stored outside in partial shade. It is recommended that 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.

Written Response Required

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
B1805325-001	Routine	11/13/2018		2.440	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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
2002705	03/19/2019	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 225-342-7301.

Respectfully,

Clark Broussard,
Region II Engineer

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

RECEIVED
AUG 13 2019
ENGINEERING SERVICES

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL: 7015 1520 0002 8924 3935

May 31, 2019

Craig Graham
MADE TO GO TRUCKSTOP
6979 Barrow Creek
St. Francisville, LA 70775

Re: Class I Sanitary Survey
MADE TO GO TRUCKSTOP Public Water System
PWS ID LA2033135
EAST BATON ROUGE Parish

Dear Mr. Graham:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 30, 2019 sanitary survey inspection of the public water supply system for MADE TO GO TRUCKSTOP (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

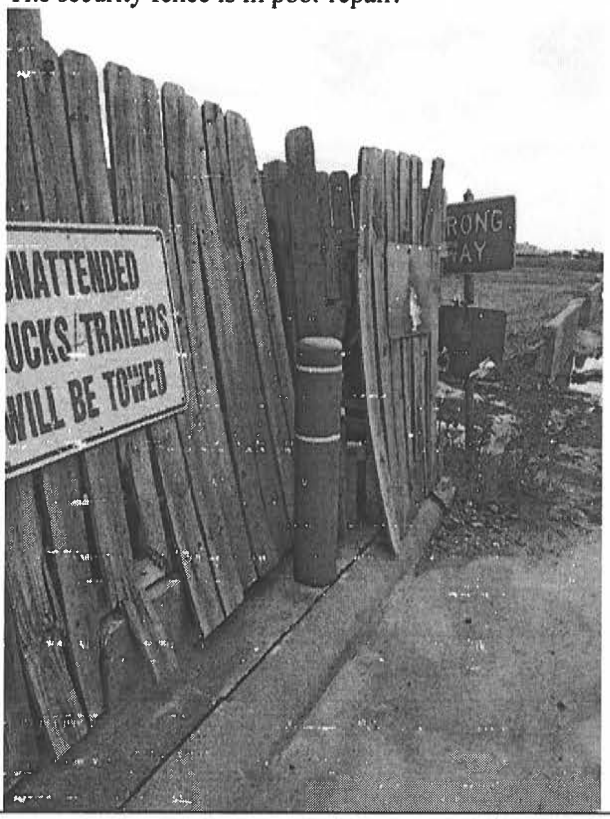
Name	Organization
John Ramer	OPH District II Engineering
Craig Graham	Made To Go, LLC

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.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	The security fence is in poor repair. 

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Daily chlorine residual records were not available for review at time of survey inspection. Daily records shall be made available for review upon request 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.

FACILITY	CATEGORY	FINDINGS
2033135-001 - WELL MADE TO GO TRUCKSTOP	Source	Two sources of groundwater are not 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 – Capitol Region II
Attn: John Ramer, 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

Violation Number	Violation Date	Violation Type	Compliance Period
33	03/19/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	03/01/2019 - 03/31/2019
32	02/13/2019	INADEQUATE MIN CHLORINE RESIDUAI (GW&SW)	02/01/2019 - 02/28/2019
31	01/02/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	12/01/2018 - 12/31/2018
30	10/18/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	10/01/2018 - 10/31/2018
29	08/29/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	08/01/2018 - 08/31/2018
28	08/28/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	07/01/2018 - 07/31/2018
25	06/22/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2018 - 06/30/2018
24	06/06/2018	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 225-342-7159.

Respectfully,

John Ramer

John Ramer, R.S.
Region 2 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 8396** – Return Receipt Requested

July 26, 2019

Jerry Bell, Mayor
Town of Lake Providence
201 Sparrow Street
Lake Providence, LA 71254

Re: Class I Sanitary Survey
Lake Providence Water System Public Water System
PWS ID LA1035002
East Carroll Parish

Dear Mayor Bell:

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 Lake Providence 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
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
10/08/2014	10/20/2014	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: The system did not have a formal cross connection prevention plan at the time of inspection. A formal cross connection prevention plan should be implemented as soon as possible. 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.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of inspection, the water system could not produce records to indicate it had adopted or was enforcing a formal Cross Connection Control Program (CCCP). The water system must adopt a formal written 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 it is determined through the survey that there are no high-risk customers served by the water system, the system must provide documentation to demonstrate this. Please provide a written statement to the Region 8 Office to include actions that will be taken by the water system to adopt a written CCCP, 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.. There are cross connection resources available on the LDH website at http://ldh.la.gov/index.cfm/page/549/n/281 under "Backflow Prevention."
FACILITY	CATEGORY	FINDINGS
Management	Security	The fencing at the Well #5 site had an approximately 2 foot wide hole in the side where it appeared the well wasting line previously protruded through. Please repair the hole to prevent vandalism or unauthorized access to the well site and submit labeled photos of completed repairs. (See Attachment No. 1)

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TANK	Finished Water Storage	The elevated tank overflow was not screened at the time of inspection. Install a 4 mesh corrosion resistant screen on the tank overflow.
FACILITY	CATEGORY	FINDINGS
1035002-001 - WELL #1	Source	At the time of inspection, the Well #1 pump appeared to be leaking significantly around the pump packing (the well uses food-grade oil for motor lubrication). This presents a potential pathway for contamination into the well casing and discharge piping, especially when the well shuts off. The leak must be investigated and repaired immediately. (See Attachment No. 2)
FACILITY	CATEGORY	FINDINGS
1035002-004 - WELL #5	Source	At the time of inspection, there was a threaded sample tap at the well site which may (due to its close proximity) be connected to the well discharge piping. This presents the possibility for a pathway for contamination. Replace the threaded tap with a smooth nozzle tap or install a threaded atmospheric vacuum breaker on the threaded tap. At the time of inspection, the well casing vent screen was broken. This presents a potential pathway for contamination into the well casing. Replace the broken well casing vent screen with a corrosion resistant 24-mesh screen.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1035002-001 - WELL #1	Source	The Well #1 discharge piping was missing a pressure gauge at the time of inspection, and the well casing pressure gauge had been painted. Install a pressure gauge on the discharge piping, remove the damaged casing pressure gauge, and install a new casing pressure gauge for Well #1.
FACILITY	CATEGORY	FINDINGS
1035002-004 - WELL #5	Source	The pressure gauge on the well discharge piping was broken at the time of inspection. Remove the broken gauge and install a new pressure gauge.
FACILITY	CATEGORY	FINDINGS
1035002-005 - WELL #6	Source	The pressure gauges on the well discharge piping and casing were broken at the time of inspection. Remove the broken pressure gauges and install new gauges.
FACILITY	CATEGORY	FINDINGS
1035002-007 - WELL #8	Source	The air relief valve on Well #8 was not covered with a 24 mesh corrosion resistant screen. Install a 24 mesh corrosion resistant screen on the end of the air relief valve piping. The exterior paint on the Well #8 casing appeared to have some areas of fading and flaking. Clean and paint the well casing with NSF 61 approved paint. The pressure gauge on the well discharge piping was broken at the time of inspection. Remove the broken gauge & install a new one.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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
1035002-005 - WELL #6, 1035002-006 - WELL #7	Maintenance	At the time of inspection, Well #6 and Well #7 at the main plant appeared to have some areas of fading paint on the discharge piping. Paint provides protection from damage and rust. Please clean and repaint the discharge piping on Well #6 and Well #7 with NSF 61 approved paint.

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TANK	Maintenance	This office recommends having the town maintenance clear back the vegetation and overhanging branches from the fence-line at the elevated tank site to prevent damage to the fence.

Written Response Required

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 – Fence at Well #5



Attachment No. 2 – Leak in Well #1 Pump

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 3856** – Return Receipt Requested

February 25, 2019

Rickey Hendrix
Monticello Water System
233 Friendly Road
Lake Providence, LA 71254

Re: Class I Sanitary Survey
Monticello Water System Public Water System
PWS ID LA1035004
East Carroll Parish

Dear Mr. Hendrix:

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 Monticello 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
Erica Dukes	Monticello Water System
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
02/29/2016	03/02/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED
Comments: At the time of inspection, the sample tap would leak when opened up. Please have the sample tap either repaired or replaced.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/29/2016	03/02/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GROUND
Comments: At the time of inspection, there was no sample tap present on the ground storage tank. Please have a smooth-nozzle sample tap installed on the ground storage tank.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/29/2016	03/02/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	ST001-STANDPIPE
Comments: At the time of inspection, the stand pipe storage tank was not equipped with a smooth-nozzle sample tap. Please have a smooth-nozzle sample tap installed for the collection of water samples.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/29/2016	03/02/2016	Sanitary Survey, Finished	Minor	Source	1035004-002-WELL #2
Comments: At the time of inspection, the paint on the discharge piping of the well was showing signs of wear. Please have the well discharge piping sandblasted and painted.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/29/2016	03/02/2016	Sanitary Survey, Finished	Minor	Source	1035004-002-WELL #2
Comments: At the time of inspection, the well vent was loose at the base where it met the casing. This needs to be corrected to prevent the intrusion of contaminants. 40 CFR 141.403 and 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.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	There is a threaded sample tap without an atmospheric vacuum breaker located in the TP001 treatment plant building. This combination presents the opportunity for unsafe water to backflow into the public water supply. The threaded tap must be replaced with a smooth nozzle type or be equipped with an atmospheric vacuum breaker. (See Attachment #1)
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	At the time of inspection, the ground storage tank overflow was heavily corroded and had started to disintegrate into rust flakes at the terminating end of the overflow. The overflow pipe appears to be made from a different type of metal than the ground storage tank. The terminating end is not screened and presents a safety risk if someone is caught on the jagged edges of the pipe. The overflow pipe must be replaced or repaired and protected from future corrosion by paint or cathodic protection. The overflow must open downward and be screened with a twenty-four mesh non-corrodible screen. (See Attachment #2)
FACILITY	CATEGORY	FINDINGS
1035004-002 - WELL #2	Source	At the time of inspection, the well vent was loose at the base where it joined to the casing. This setup produces a pathway for contamination to enter the well. The well vent must be fixed and properly sealed to prevent the introduction of contamination into the well casing.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The water system is recording routine chlorine residuals for the POE, MRT and ACR site locations on unapproved (i.e. outdated) Chlorine Residual Forms. Routine chlorine residuals 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. Please send the next 3 months of properly recorded chlorine residual forms to the Region 8 Office at the end of each month.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	At the time of inspection, the ball valve which controlled the sample tap would leak, shooting out of the bottom, when opened. The elevated tank must be provided with a smooth nozzle sample tap for collection of bacteriological or chemical analyses. The ball valve must be repaired or replaced so that the smooth nozzle tap can be utilized properly.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	At the time of inspection, the ground storage tank was not equipped with a smooth nozzle sample tap for collection of bacteriological or chemical analyses. Install a smooth nozzle sample tap on the ground storage tank.

FACILITY	CATEGORY	FINDINGS
ST001 - STANDPIPE	Finished Water Storage	At the time of inspection, the standpipe was not equipped with a smooth nozzle sample tap for collection of bacteriological or chemical analyses. Install a smooth nozzle sample tap on the standpipe.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	The elevated storage 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
ST001 - STANDPIPE	Finished Water Storage	The standpipe overflow screen was either broken or missing at the time of inspection. The overflow must be screened with a twenty-four mesh non-corrodible screen. Install a twenty-four mesh non-corrodible screen on the standpipe overflow.
FACILITY	CATEGORY	FINDINGS
TP001 - WELL #1 & WELL #2	Treatment	At the time of inspection, the chlorine building was not equipped with a functioning light. Please have a light installed to ensure operator safety during low light operations.
FACILITY	CATEGORY	FINDINGS
1035004-001 - WELL #1	Source	The Well #1 discharge piping and casing paint was starting to show signs of flaking, rust, and corrosion. Paint provides a barrier to pipe damage and potential contamination. The Well #1 discharge piping and casing must be cleaned and re-painted. (See Attachment #3)
FACILITY	CATEGORY	FINDINGS
1035004-002 - WELL #2	Source	The Well #2 discharge piping and casing paint showed areas of flaking, rust, and corrosion. Paint provides a barrier to pipe damage and potential contamination. The Well #2 discharge piping and casing must be cleaned and re-painted. (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 - WELL #1 & WELL #2	Treatment	At the time of inspection, the chlorine cylinders were not restrained individually. Please chain the chlorine cylinders individually to prevent upset.
FACILITY	CATEGORY	FINDINGS
1035004-002 - WELL #2	Source	The Well #2 discharge piping is not provided with a means of pumping to waste. If the water system needs to pump outside the distribution system, they would have to disconnect a piece of the discharge piping to do so. It is recommended that the Well #2 discharge piping be fitted with a tee and valve to provide a means of pumping to waste.
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 Monticello Water System complaint log form once it is finalized.
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	Financial	At the time of inspection, the water system noted that they do not have the funds to cover normal operating and maintenance costs and have not had a rate increase since January 2010. This Office recommends that the water system conducts a rate study to analyze if the system can operate and maintain their infrastructure more effectively with a larger operating budget.

Written Response Required

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
S1900457-001	Repeat	1/16/2019		0.010	
S1900457-003	Repeat	1/16/2019		0.050	
S1900458-002	Repeat	1/16/2019		0.020	
S1900458-003	Repeat	1/16/2019		0.070	
S1807225-001	Routine	1/14/2019		0.050	
S1807225-002	Routine	1/14/2019		0.070	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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
8000749	02/05/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	01/01/2019 - 01/31/2019
8000747	10/04/2018	5% DS BELOW MIN 0.5-2 MONTHS	09/01/2018 - 09/30/2018

		CONSEC(GW)	
8000746	09/06/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018
8000742	05/07/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	04/01/2018 - 04/30/2018
8000739	03/19/2018	FAILURE ADDRESS DEFICIENCY (GWR)	
8000740	03/19/2018	FAILURE ADDRESS DEFICIENCY (GWR)	
8000741	03/19/2018	FAILURE ADDRESS DEFICIENCY (GWR)	
8000738	03/19/2018	FAILURE ADDRESS DEFICIENCY (GWR)	
8000737	03/08/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	02/01/2018 - 02/28/2018

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 – TP001 Threaded Sample Tap



Attachment #2 – GR001 Corroded Overflow Pipe

Attachments (cont.)



Attachment #3 – Well 1 Paint



Attachment #4 – Well 2 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 8389** – Return Receipt Requested

July 26, 2019

David Fortenberry, President
East Carroll Water System
Post Office Box 68
Transylvania, LA 71286

Re: Class I Sanitary Survey
East Carroll WS North Public Water System
PWS ID LA1035006
East Carroll Parish

Dear Mr. Fortenberry:

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 East Carroll WS 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
Tyler Lollis	LDH/OPH Engineering Services Region VIII
Mary F. Hooper	East Carroll Water System
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
12/09/2016	12/12/2016	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: Water from any potable water supply complying with these requirements may be supplied to any other system containing water of questionable quality only by means of any independent line discharging not less than a distance equal to two times the pipe diameter or inches, whichever is greater, above the overflow level of storage units open to atmospheric pressure or by other methods approved by the state health officer. At the time of the inspection, it was noted the metered account located at 3761 LA 596 had a chemical tank that appears to be filled using a method other than an air gap. All customers filling chemical tanks, stock tanks, swimming pools etc... must use the air gap method to prevent the potential of back flow from occurring.					

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), but had received completed CCCP survey questionnaires from some customers. The water system must adopt a formal written 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 it is determined through the survey that there are no high-risk customers served by the water system, the system must provide documentation to demonstrate this. Please provide a written statement to the Region 8 Office to include actions that will be taken by the water system to adopt a written CCCP, 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	The water system does not track water loss on a monthly basis. The water system must track water loss in order to determine the percentage of water loss through leaks in the distribution system. Please provide the percent water loss over the next 3 months to the Region 8 - Monroe Office.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	During review of the water system records, the disinfectant by-product (DBP) chemical sampling results from October 2018, January 2019, and April 2019 were not available for review. Please notify the Region 8 - Monroe Office when these records have been located and/or printed & filed for recordkeeping.

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

Written Response Required

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
S1902407-001	Routine	4/9/2019		3.400	

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
8002862	03/04/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	02/01/2019 - 02/28/2019
8002860	02/14/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
8002861	02/14/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
8002859	01/25/2019	OCCT/SOWT RECOMMENDATION/STUDY (LCR)	01/01/2018 - 06/30/2018
8002858	09/06/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018
8002857	07/30/2018	OCCT/SOWT RECOMMENDATION/STUDY (LCR)	01/01/2017 - 06/30/2017

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 318-361-7210.

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: 7005 1820 0002 1133 6735

May 14, 2019

Jason Kent
DIXON CORRECTIONAL INSTITUTE
P.O. Box 788
Jackson, LA 70748

Re: Class I Sanitary Survey
DIXON CORRECTIONAL INSTITUTE Public Water System
PWS ID LA1037002
EAST FELICIANA Parish

Dear Mr. Kent:

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 DIXON CORRECTIONAL INSTITUTE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Scott Henderson	Dixon Correctional Institute

NOTICE OF VIOLATIONS

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

The following list 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
1037002-002 - DIXON CORRECTIONAL INSTITUTE WELL 2	Source	During the survey, it was noted that the casing vent screen was damaged. 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**

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 - DIXON CORR INSTIT.WELL EF282	Treatment	At the time of the survey, full and empty cylinders of chlorine gas were not restrained. Per LAC 51.XII.209.A.7.c, it is recommended that the full and empty cylinders be separately restrained 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 – 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

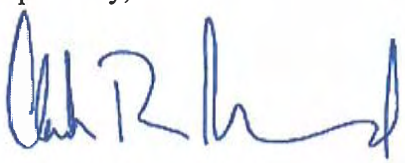
No maximum contaminant level violations were reported in the past year.

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.

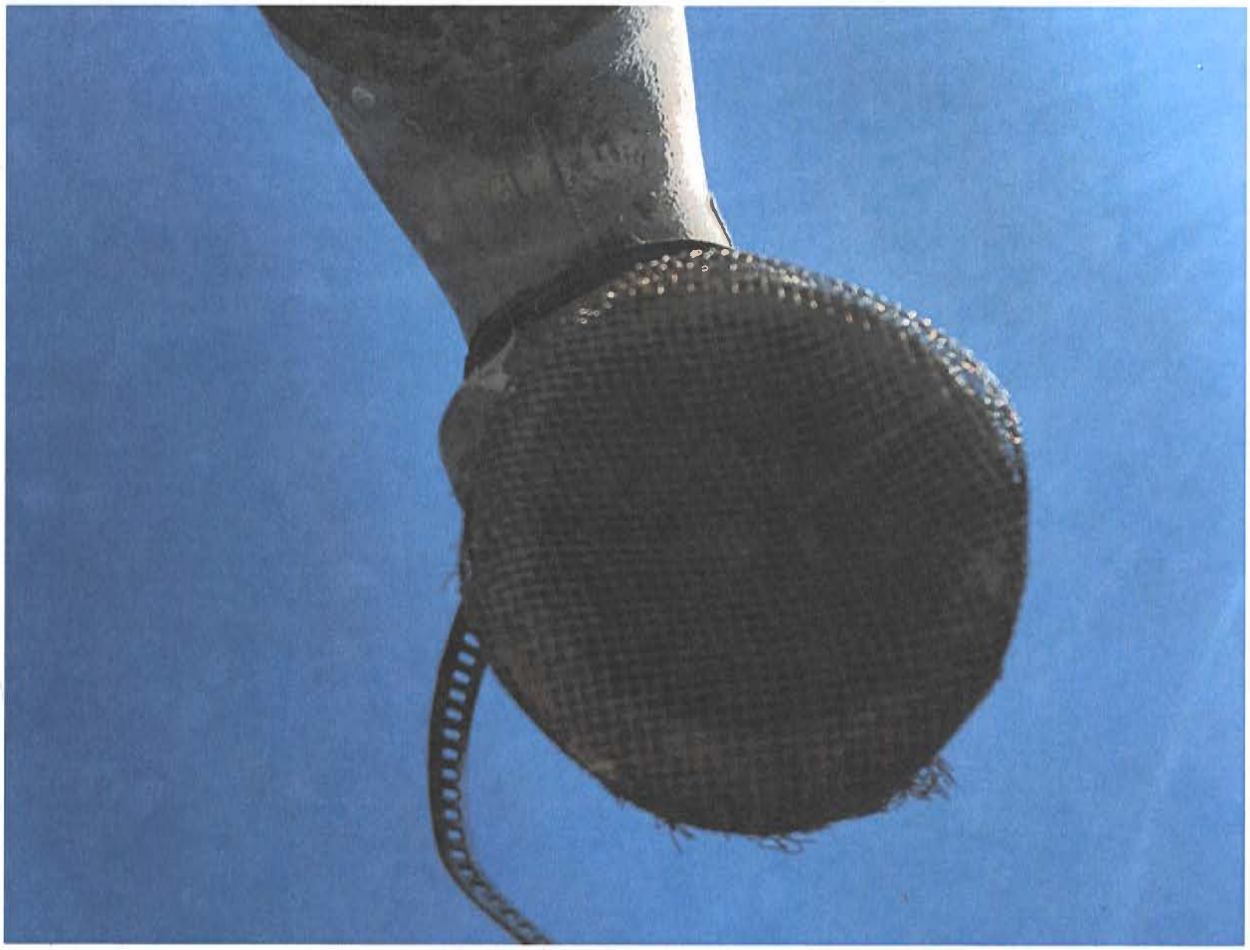
Respectfully,



Clark Broussard,
Region II Engineer

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

Attachments



Attachment #1

Severity: Significant

Facility ID: DIXON CORRECTIONAL INSTITUTE WELL 2

Category: Source

Attachment Comments: During the survey, it was noted that the casing vent screen was damaged. 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.

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 4501

October 30, 2019

Melissa Sanders
EAST FELICIANA RURAL GURLEY RD WS
10270 Highway 10
Ethel, LA 70730

Re: Class I Sanitary Survey
EAST FELICIANA RURAL GURLEY RD WS Public Water System
PWS ID LA1037004
EAST FELICIANA Parish

Dear Ms. Sanders:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 16, 2019 sanitary survey inspection of the public water supply system for EAST FELICIANA RURAL GURLEY RD 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
Christina Dang	LDH-OPH Engineering Services
Corey Harris	LDH-OPH Engineering Services
Jason Head	East Feliciana Rural 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

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	The fence was damaged in one area. Provide a continuous, lockable security fence 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 #2**

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL002 - GURLEY RD ELEVATED TANK	Finished Water Storage	There was standing water present near the slab supporting a 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. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
TP008 - TP - GURLEY RD WL	Treatment	The chlorine gas cylinders were not stored properly. 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. **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
EL002 - GURLEY RD ELEVATED TANK	Finished Water Storage	The elevated tank overflow was screened with twenty-four mesh. Provide a screen with four mesh. 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. **See Attachment #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 should 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 – 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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
B1903404-003	Routine	8/12/2019		1.480	

B1805313-001	Routine	11/12/2018		0.920	
B1805313-002	Routine	11/12/2018		1.090	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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: Minor

Facility ID: GURLEY RD ELEVATED TANK

Category: Finished Water Storage

Attachment Comments: Standing water present near the slab supporting a riser.



Attachment #2

Severity: Significant

Category: Security

Attachment Comments: Damaged fence around the well site.



Attachment #3

Severity: Minor

Facility ID: TP - GURLEY RD WL

Category: Treatment

Attachment Comments: Chlorine gas cylinders unprotected from direct sunlight and windblown debris.



Attachment #4

Severity: Recommendations

Facility ID: GURLEY RD ELEVATED TANK

Category: Finished Water Storage

Attachment Comments: Twenty four mesh on elevated storage tank overflow.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 70190700000059891963

August 2, 2019

Hampton Lea
EASTERN LOUISIANA MENTAL HEALTH SYSTEMS
P.O. Box 498
Jackson, LA 70748

Re: Class I Sanitary Survey
EASTERN LOUISIANA MENTAL HEALTH SYSTEMS Public Water System
PWS ID LA1037005
EAST FELICIANA Parish

Dear Mr. Lea:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 26, 2019 sanitary survey inspection of the public water supply system for EASTERN LOUISIANA MENTAL HEALTH 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
Corey Harris	Ldh Oph Engineering Services
Joe Hankins	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

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1037005-001 - E FEL STATE HOSPITAL 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, PWS is here-by notified that Eastern Louisiana Mental Health 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 valve exercising program. A valve exercise program will help locate closed values and ensures looped pipelines are operating as designed.

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. 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. 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 – 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:7005 1820 0002 1133 6674

February 14, 2019

Charles Coleman
TOWN of JACKSON WATER SYSTEM
PO Box 1150
Jackson, LA 70748

Re: Class I Sanitary Survey
TOWN of JACKSON WATER SYSTEM Public Water System
PWS ID LA1037006
EAST FELICIANA Parish

Dear Mr. Coleman:

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 TOWN of JACKSON 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 Region II Engineering
Blake Fogleman	LDH Region II Engineering
Alan Passman	Town Of Jackson

NOTICE OF VIOLATIONS

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

The following list 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
1037006-003 - TOWN OF JACKSON HIGHWAY 952 WELL	Source	At the time of the survey, the Highway 952 well sanitary seal appeared to be deteriorating and in need of replacement. 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

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	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 Town of Jackson 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.
FACILITY	CATEGORY	FINDINGS
Management	Other	The slab for Highway 952 Well has been covered by gravel. The gravel prevents inspection of the slab's physical condition. In order to prevent pathways for contamination from forming without knowledge of the staff, all gravel should be removed from the well yard. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
TP004 - QUIET LANE WELL	Treatment	During the survey, it was noted that the leak detection bottle was empty. A bottle of concentrated ammonium hydroxide (56 per cent ammonia solution) shall be available for chlorine leak detection.

Written Response Required

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: TOWN OF JACKSON HIGHWAY 952 WELL

Category: Source

Attachment Comments: At the time of the survey, the Highway 952 well sanitary seal appeared to be deteriorating and in need of replacement. 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: Recommendations

Category: Other

Attachment Comments: The slab for Highway 952 Well has been covered by gravel. The gravel prevents inspection of the slab's physical condition. In order to prevent pathways for contamination from forming without knowledge of the staff, all gravel should be removed from the well yard.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health
CERTIFIED MAIL: 7016 0600 0001 0579 3108

MARCH 01, 2019

Rebecca Bellue
VILLAGE of NORWOOD WATER SYSTEM
P.O. Box 249
Norwood, LA 70761
East Feliciana

Re: Class I Sanitary Survey
VILLAGE of NORWOOD WATER SYSTEM Public Water System
PWS ID LA1037007
EAST FELICIANA Parish

Dear Ms. Bellue:

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 VILLAGE of NORWOOD 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
Ryan Farlow	LDH/ OPH Region 2 Engineering
Rebecca Bellue	Village Of Norwood
John Ramer	LDH/ OPH Region 2 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
07/26/2012	08/23/2012	Sanitary Survey, Finished	Minor	Source	1037007-002-NORWOOD WELL 002
Comments: A single groundwater source/well is provided; a minimum of two sources of groundwater are not provided. A second groundwater source (water well or connection to an existing approved public water supply with adequate capacity) shall be provided. Engineering plans and specifications for the second source shall be submitted to this office for review and written approval prior to construction.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
TP002 - NORWOOD WELL 002 TREATMENT PLANT	Treatment	At time of the survey, it appeared that the Zinc orthophosphate holding container was too large for the pump and that complete Tank turnover could not be achieved. **See Attachment #5** LAC 51:XII.319.D.17 - 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
1037007-002 - NORWOOD WELL 002	Source	At the time of the survey the insulation around the check valve was in poor repair with ferns growing on the bottom of the insulation indicating that the insulation was holding water. The insulation needs to be removed and the well run to insure that the check valve is not leaking. **See Attachment #2 and #1** 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.
FACILITY	CATEGORY	FINDINGS
1037007-002 - NORWOOD WELL 002	Source	LAC 51:XII.169.B.2 - When groundwater is the only source of water supply for any community water supply, 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 - NORWOOD WELL 002 TREATMENT PLANT	Treatment	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. At the time of the survey, rust was noted on the pump and electrical box indicating a chlorine gas leak is able to get into injection room. Ventilation is needed for safety. **See Attachment #4** LAC 51 XII.179.I.6.a.iii - Provision shall be made to ventilate the chlorine dioxide facility area and maintain the ambient air chlorine dioxide concentrations below the Permissible Exposure Limit.
FACILITY	CATEGORY	FINDINGS
1037007-002 - NORWOOD WELL 002	Source	At the time of the survey a hole filled with water was located between the well slab and the support for the check valve. The hole may be created by the air relief valve that was directly over the hole or by water from the check valve. The cause of the hole should be addressed before it could affect the well slab integrity. **See Attachment #3** 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.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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 samples not be taken while flushing. Also be advised that dead water contained above the MRT sample tap to the flushing valve could possibly increase chances for positive samples. **See Attachment #6**
FACILITY	CATEGORY	FINDINGS
Management	Other	Have the chemical provider check the cause of the Zinc Orthophosphate leakage on the pump. **See Attachment #7**
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	It is recommended that a bird cage be installed around the pump shaft to provide safety of personnel from incidental contact with a moving shaft. **See Attachment #8**

Written Response Required

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

Violation Number	Violation Date	Violation Type	Compliance Period
2013094	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 225-342-9163.

Respectfully,



Ryan Farlow, R.S.
District Compliance

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

Attachments



Attachment #1

Severity: Significant

Facility ID: NORWOOD WELL 002

Category: Source

Attachment Comments: At the time of the survey the insulation around the check valve was in poor repair and appeared to be holding water. The insulation needs to be removed and the well run to insure that the check valve is not leaking.



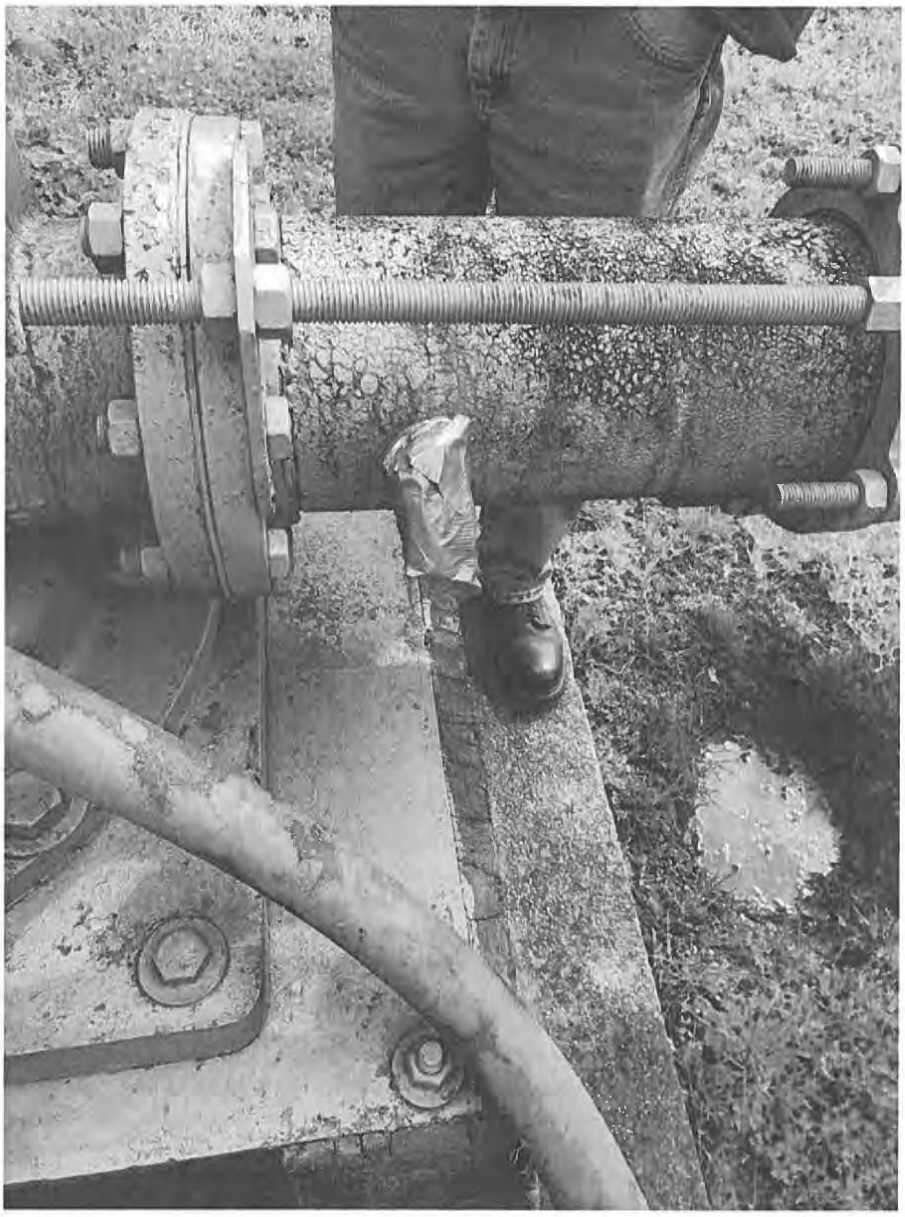
Attachment #2

Severity: Significant

Facility ID: NORWOOD WELL 002

Category: Source

Attachment Comments: At the time of the survey the insulation around the check valve was in poor repair with ferns growing on the bottom of the insulation indicating that the insulation was holding water. The insulation needs to be removed and the well run to insure that the check valve is not leaking.



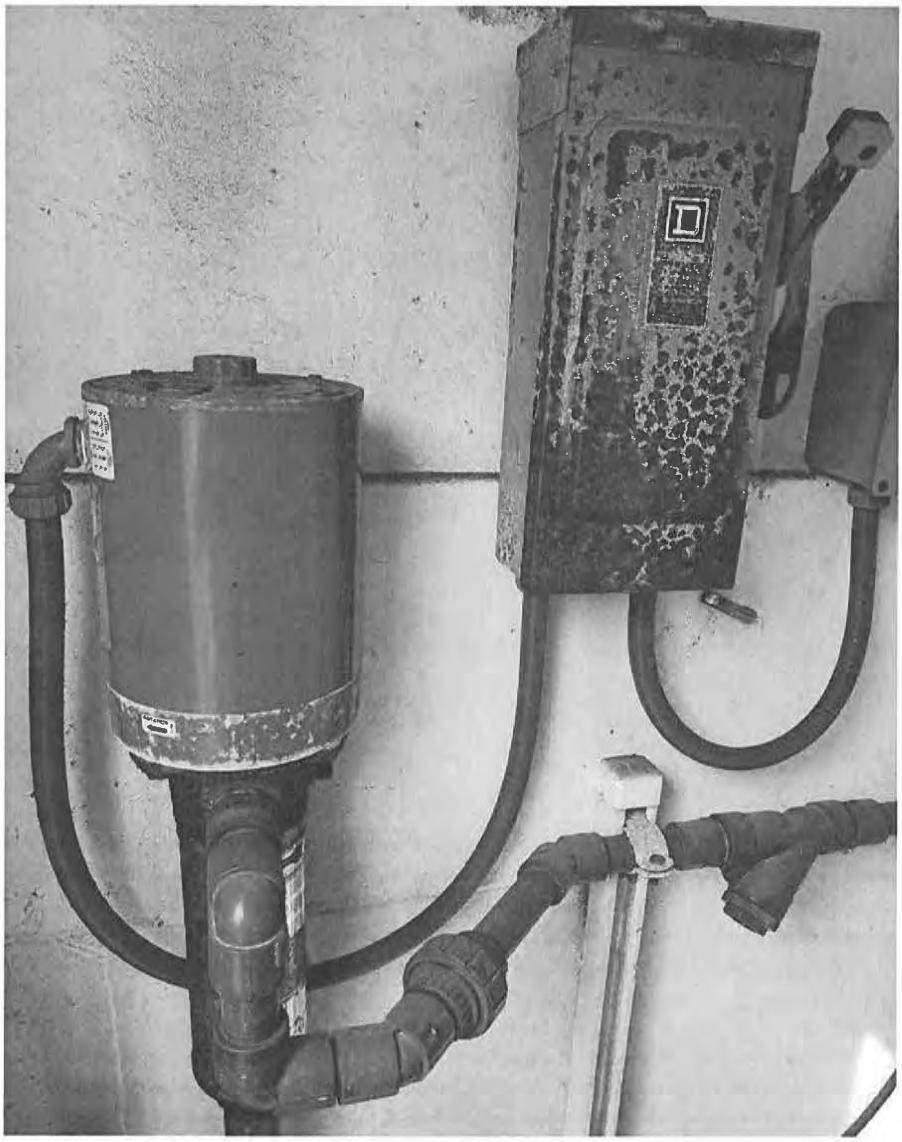
Attachment #3

Severity: Minor

Facility ID: NORWOOD WELL 002

Category: Source

Attachment Comments: At the time of the survey a hole filled with water was located between the well slab and the support for the check valve. The hole may be created by the air relief valve that was directly over the hole or by water from the check valve. The cause of the hole should be addressed before it could affect the well slab integrity.



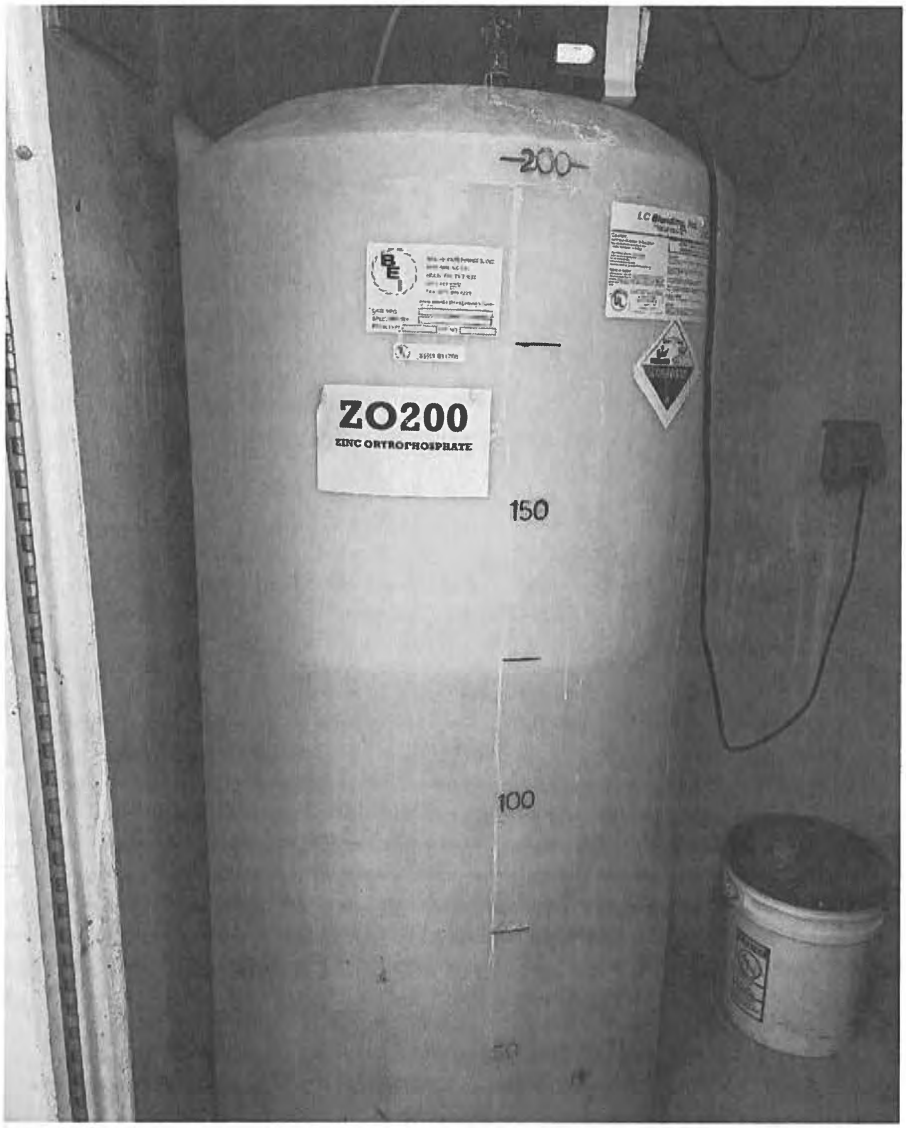
Attachment #4

Severity: Minor

Facility ID: NORWOOD WELL 002 TREATMENT PLANT

Category: Treatment

Attachment Comments: 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. At the time of the survey, rust was noted on the pump and electrical box indicating a chlorine gas leak. Investigate and repair the chlorine gas leak. Ventilation is needed for safety.



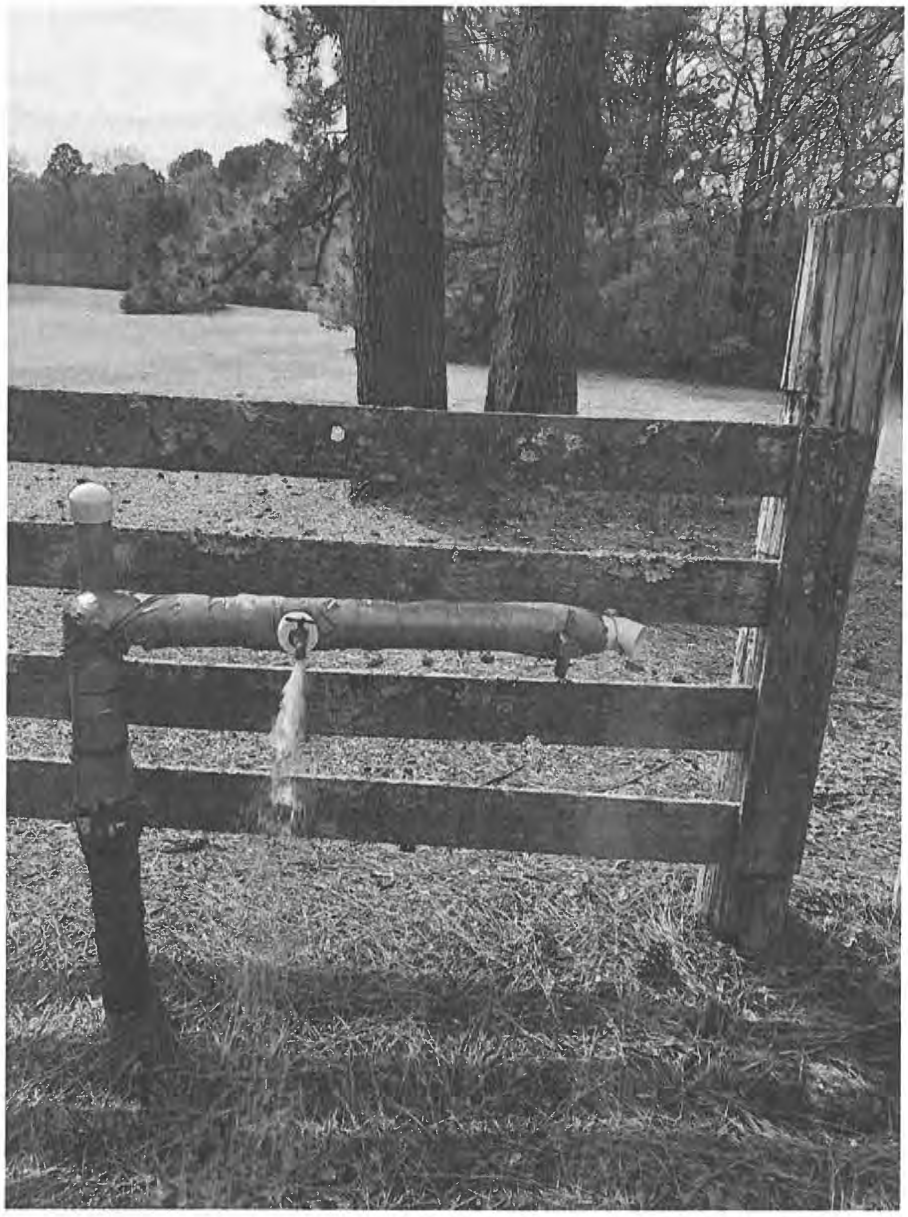
Attachment #5

Severity: Significant

Facility ID: NORWOOD WELL 002 TREATMENT PLANT

Category: Treatment

Attachment Comments: 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. At time of the survey, it appeared that the Zinc orthophosphate holding container was too large for the pump and that complete Tank turnover could not be achieved.

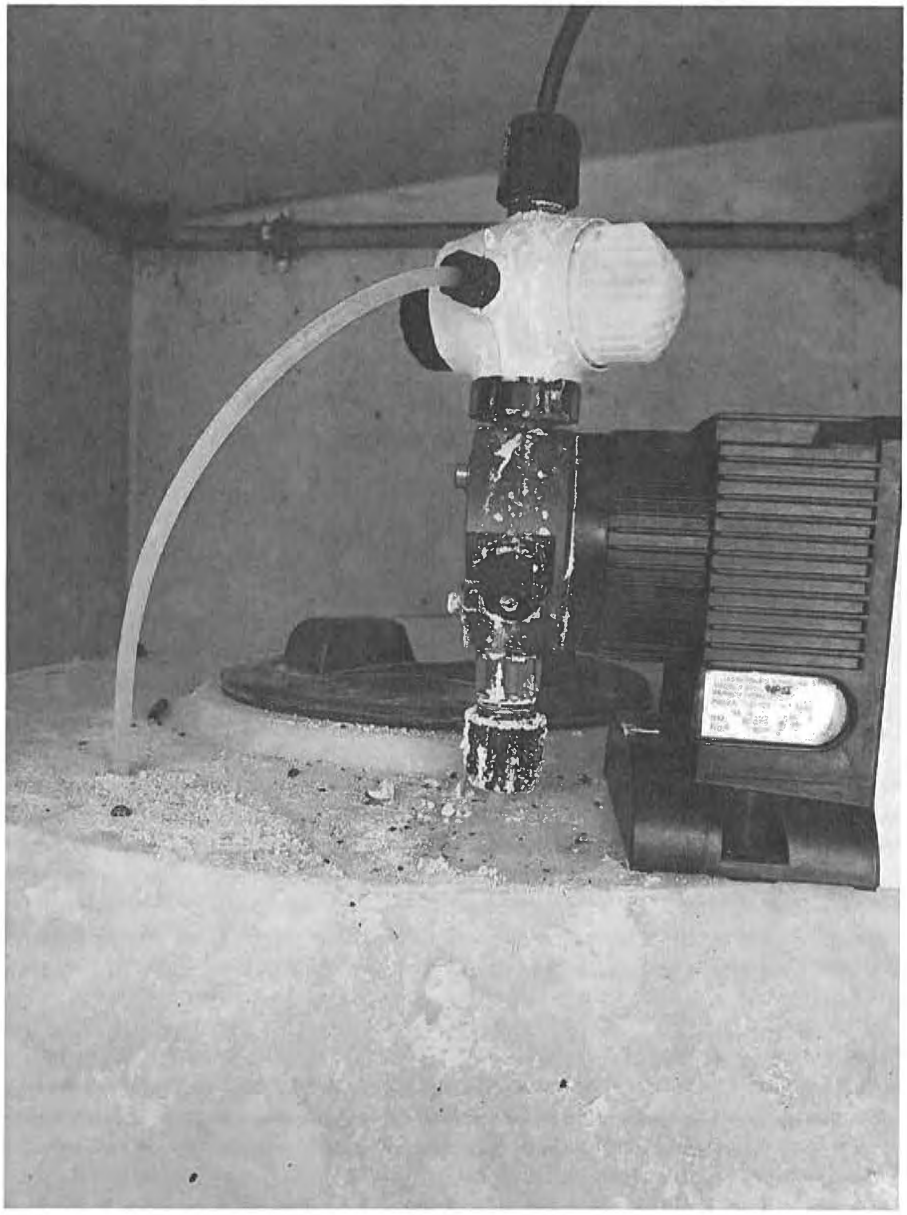


Attachment #6

Severity: Recommendations

Category: Other

Attachment Comments: It is Recommended that samples not be taken while flushing. Also be advised that dead water contained above the MRT sample tap to the flushing valve could possibly increase chances for positive samples.



Attachment #7

Severity: Recommendations

Category: Other

Attachment Comments: Have the chemical provider check the cause of the Zinc Orthophosphate leakage on the pump.



Attachment #8

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: It is recommended that a bird cage be installed around the pump shaft to provide safety of personnel from incidental contact with a moving shaft.

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 6681

February 14, 2019

Robert "Robbie" Jackson
TOWN of SLAUGHTER WATER SYSTEM
P.O. Box 29
Slaughter, LA 70777

Re: Class I Sanitary Survey
TOWN of SLAUGHTER WATER SYSTEM Public Water System
PWS ID LA1037008
EAST FELICIANA Parish

Dear Mayor Jackson:

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 TOWN of SLAUGHTER 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 Region II Engineering
Blake Fogleman	LDH Region II Engineering
Tom Schwartz	Town of Slaughter

NOTICE OF VIOLATIONS

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

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

The following list 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
02/11/2016	02/12/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED TANK AT NORTH STREET WELL SITE
Comments: Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. Elevated tank is showing signs of peeling paint and corrosion.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/11/2016	02/12/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	HD002-HYDROPNEUMATIC
Comments: 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. There is no site glass on the Southwest/ Zachary Estates hydropneumatic tank. Also, the entry to the tank pressure gauge is not working					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	During the records review portion of the survey, it was noted that the cross connection control program was missing a list of approved testers and installers allowed to work on the system.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	During the survey, it was noted that the phosphate solution tanks were in direct sunlight. Per LAC51.XII.189.C.2 phosphate solution shall be kept covered.
FACILITY	CATEGORY	FINDINGS
HD002 - HYDROPNEUMATIC	Finished Water Storage	During the survey, it was noted that the area near the

		hydropneumatic tank had significant amounts of standing water. 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 #5**
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TANK AT NORTH STREET WELL SITE	Finished Water Storage	It was noted during the survey that the splash pad for the elevated storage overflow was in poor condition and not protecting the surrounding soil from being washed out. All water storage structures shall be provided with an overflow that 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
EL001 - ELEVATED TANK AT NORTH STREET WELL SITE	Finished Water Storage	The elevated storage tank was showing signs of rust, corrosion, and damage to the exterior coating. Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
HD002 - HYDROPNEUMATIC	Finished Water Storage	The hydropneumatic tank was lacking a water sight glass at the time of the survey. 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
HD002 - HYDROPNEUMATIC	Finished Water Storage	The hydropnuematic tank is showing signs of rust and corrosion. Proper protection shall be given to metal surfaces by paints or other protective

		coatings, by cathodic protective devices, or by both. **See Attachment #6**
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TANK AT NORTH STREET WELL SITE	Finished Water Storage	The sample tap used for collecting water samples from the elevated storage shall be smooth-nosed and isolated on its own connection in order to prevent cross-contamination. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
TP001 - TOWN OF SLAUGHTER WELL	Treatment	During the survey, it was noted that the ventilating fan for the spare cylinder storage space was not functional. Where chlorine gas is used, the room shall be constructed to provide the following: each room shall have a ventilating fan with capacity that provides one complete air change per minute when the room is occupied.
FACILITY	CATEGORY	FINDINGS
TP001 - TOWN OF SLAUGHTER WELL	Treatment	During the survey, it was noted that there were no calibration columns to measure chemical dosing of phosphates. Provisions shall be made for measuring quantities of chemicals used to prepare feed solutions.
FACILITY	CATEGORY	FINDINGS
TP001 - TOWN OF SLAUGHTER WELL	Treatment	Where chlorine gas is used, the room shall be constructed to provide the following: air inlets should be through louvers near the ceiling.
FACILITY	CATEGORY	FINDINGS
TP002 - TOWN OF SLAGHTER S/W ZACHARY ESTATES	Treatment	Where chlorine gas is used, the room shall be constructed to provide the following: air inlets should be through louvers near the ceiling.

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

correct 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, neither of the generators at the well sites could be turned on. It is recommended that the generators be regularly maintained and set on an exercise schedule to ensure that they are available when the need arises.
FACILITY	CATEGORY	FINDINGS
Management	Other	In accordance with the provisions found in Act 292 of the 2018 Regular Session, the Town of Slaughter 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.
FACILITY	CATEGORY	FINDINGS
TP001 - TOWN OF SLAUGHTER WELL	Treatment	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 #1**
FACILITY	CATEGORY	FINDINGS
TP001 - TOWN OF SLAUGHTER WELL	Treatment	Chemical feed pumps used to supply phosphates do not have replacement parts or complete spare pumps to prevent loss of treatment due to part failure. Spare parts shall be available for all feeders to replace parts that are subject to wear and damage.

Written Response Required

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

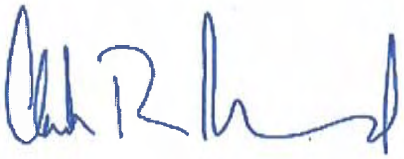
No maximum contaminant level violations were reported in the past year.

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

Facility ID: TOWN OF SLAUGHTER WELL

Category: Treatment

Attachment Comments: 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.



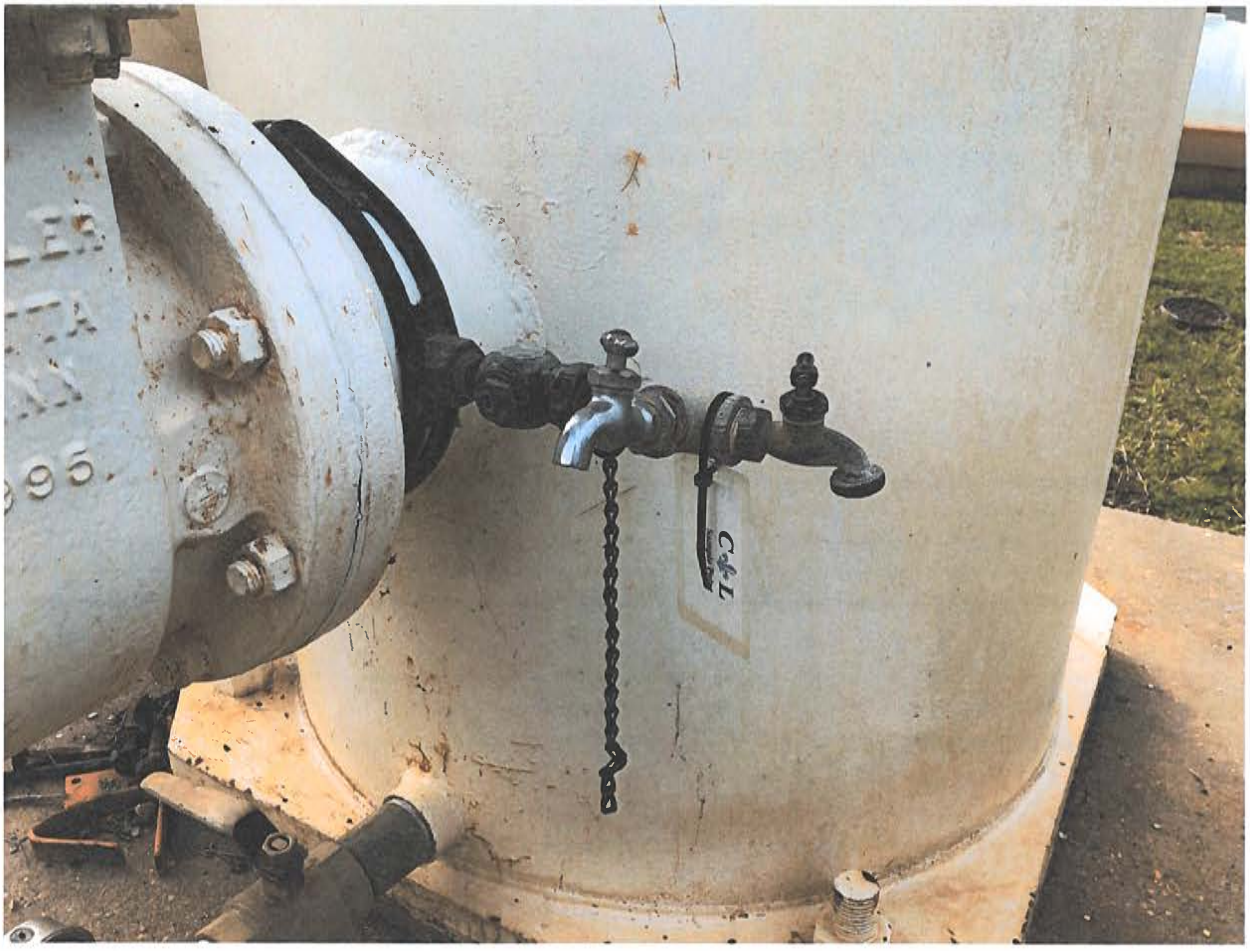
Attachment #2

Severity: Minor

Facility ID: ELEVATED TANK AT NORTH STREET WELL SITE

Category: Finished Water Storage

Attachment Comments: The elevated storage tank was showing signs of rust, corrosion, and damage to the exterior coating. Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both.



Attachment #3

Severity: Minor

Facility ID: ELEVATED TANK AT NORTH STREET WELL SITE

Category: Finished Water Storage

Attachment Comments: The sample tap used for collecting water samples from the elevated storage shall be smooth-nosed and isolated on its own connection in order to prevent cross-contamination.



Attachment #4

Severity: Minor

Facility ID: ELEVATED TANK AT NORTH STREET WELL SITE

Category: Finished Water Storage

Attachment Comments: It was noted during the survey that the splash pad for the elevated storage overflow was in poor condition and not protecting the surrounding soil from being washed out. All water storage structures shall be provided with an overflow that 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: Minor

Facility ID: HYDROPNEUMATIC

Category: Finished Water Storage

Attachment Comments: During the survey, it was noted that the area near the hydropneumatic tank had significant amounts of standing water. 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 #6

Severity: Minor

Facility ID: HYDROPNEUMATIC

Category: Finished Water Storage

Attachment Comments: The hydropnuematic tank is showing signs of rust and corrosion. Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both.

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 8924 3973

November 18, 2019

Patrick Eckler
VILLA FELICIANA MEDICAL COMPLEX
P.O. Box 438
Jackson, LA 70748

Re: Class I Sanitary Survey
VILLA FELICIANA MEDICAL COMPLEX Public Water System
PWS ID LA1037009
EAST FELICIANA Parish

Dear Mr. Eckler:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 13, 2019 sanitary survey inspection of the public water supply system for VILLA FELICIANA MEDICAL COMPLEX (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 and Title 51 of the Louisiana Administrative Code. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	Organization
John Ramer	LDH/OPH Region 2 Engineering
Kevin Cheatham	Villa Feliciana Medical Complex

NOTICE OF VIOLATIONS

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

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

The 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
TP002 - VIL FEL MED COMPLEX WELL 002 TRTMNT PLNT	Treatment	An approved entry point to distribution sample tap is not provided for TP #002. 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.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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	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.
FACILITY	CATEGORY	FINDINGS
Management	Other	Proper shielding is not provided for the backup #002 well rotating pump shaft. 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: John Ramer, 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 225-342-7159.

Respectfully,

John Ramer

John Ramer, R.S.
Region 2 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: 7005 1820 0002 1133 5240

June 14, 2019

Marilyn Broadway
VILLAGE of WILSON WATER SYSTEM
P.O. Box 40
Wilson, LA 70789

Re: Class I Sanitary Survey
VILLAGE of WILSON WATER SYSTEM Public Water System
PWS ID LA1037010
EAST FELICIANA Parish

Dear Ms. Broadway:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 30, 2019 sanitary survey inspection of the public water supply system for VILLAGE of WILSON 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
Jeffery Johnson	Clinton, Wilson, Zachary

NOTICE OF VIOLATIONS

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

The following list 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 in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Operator Compliance with State Requirements	At the time of the survey the water system did not employ any operators with the required certification in Treatment. LAC 51:XII.309.A requires that 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	At the time of the survey testing records for customers required to have a backflow prevention device were not up to date. 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 in accordance with LAC 51:XII.344.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of the survey, the chemical analysis records were incomplete. In accordance with 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).

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	During the survey, it was noted that the consumer confidence reports were missing from the water system's records. Once they have been issued, the consumer confidence reports should be kept on file for three years as called for in LAC 51.XII.377.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	At the time of the survey, the elevated tank was incapable of being drained for maintenance and cleaning without causing a loss of pressure in the distribution system. Compliance with LAC 51:XII.225.G requires that 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. The storage structure drain shall discharge to the ground surface with no direct connection to a sewer or storm drain.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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 tank be inspected, cleaned, and painted on a routine schedule in accordance with AWWA guidelines.

Written Response Required

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
2090915	07/30/2018	OCCT/SOWT RECOMMENDATION/STUDY (LCR)	07/01/2011 - 12/31/2011
2090914	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 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: 7018 1830 0001 7472

February 5, 2019

Melissa Sanders
EAST FELICIANA RURAL-REEVES-MORGAN
10270 Highway 10
Ethel, LA 70730

Re: Class I Sanitary Survey
EAST FELICIANA RURAL-REEVES-MORGAN Public Water System
PWS ID LA1037011
East Feliciana Parish

Dear Ms. Sanders:

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 EAST FELICIANA RURAL-REEVES-MORGAN (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Blake Fogleman	LDH/OPH Region II Engineering Manager
Jason Head	East Feliciana Rural Water Systems
Melissa Sanders	East Feliciana Rural 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

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	Flushing assemblies were installed on the Reeves Morgan System which aides with maintaining chlorine residuals, however, the current flushing plan does not address sediment build-up. It is strongly recommended that the water system develop and implement a written flushing program that incorporates the use of fire hydrants to reach scouring

		velocities and the flushing assemblies to reduce stagnant water.
FACILITY	CATEGORY	FINDINGS
TP001 - E FEL RURAL RVES-MORGAN WELL 01 TRT PLNT	Treatment	The 150 pound chlorine gas cylinders at the Reeves - Morgan Treatment Plant are stored in direct sunlight. The chlorine gas cylinders shall not be subject to direct sunlight. Full and empty cylinders of chlorine gas shall be stored in areas not in direct sunlight or exposed to excessive heat. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
TP001 - E FEL RURAL RVES-MORGAN WELL 01 TRT PLNT	Treatment	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. **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
B1801344-001	Routine	4/4/2018		0.790	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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,

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

Attachments



Attachment #1

Severity: Recommendations

Facility ID: E FEL RURAL RVES-MORGAN WELL 01 TRT PLNT

Category: Treatment

Attachment Comments: 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.



Attachment #2

Severity: Recommendations

Facility ID: E FEL RURAL RVES-MORGAN WELL 01 TRT PLNT

Category: Treatment

Attachment Comments: The chlorine room shall be provided with doors equipped with panic hardware, assuring ready means of exit and opening outward only to the building exterior.



Attachment #3

Severity: Recommendations

Facility ID: E FEL RURAL RVES-MORGAN WELL 01 TRT PLNT

Category: Treatment

Attachment Comments: The 150 pound chlorine gas cylinders at the Reeves - Morgan Treatment Plant are stored in direct sunlight. Full and empty cylinders of chlorine gas shall be stored in areas not in direct sunlight or exposed to excessive heat.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health
CERTIFIED MAIL: 0719 0700 0000 8664 3573

September 16, 2019

Ashlyn Hillburn
LOUISIANA WAR VETERANS
4739 Hwy. 10
Jackson, LA 70748

Re: Class I Sanitary Survey
LOUISIANA WAR VETERANS Public Water System
PWS ID LA1037012
EAST FELICIANA Parish

Dear Mrs. Hillburn:

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 LOUISIANA WAR VETERANS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Keith Gauthier	La War Veterans Home
John Ramer	OPH 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

None.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	POE for system is on Storage Tank. POE must be on line after holding tanks. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1037012-001 - LOUISIANA WAR VETERANS WELL 001	Source	40 CFR 141.403 - Protection from physical damage shall be provided as required by the reviewing authority. Well was not bolted down to frame. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1037012-001 - LOUISIANA WAR VETERANS WELL 001	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. Water was being held and Plants were growing in the piping insulation. **See Attachment #4 and #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.

FACILITY	CATEGORY	FINDINGS
TP001 - TP COMBINED WELL 1 & 2 - LA WAR VETERANS	Treatment	At the time of the survey there was evidence of chlorine leaks. **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 – 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: Significant

Category: Other

Attachment Comments: POE cannot be on Tank

Office of Public Health • Capitol Region II

P.O. Box 4489 ▪ Baton Rouge, Louisiana 70821

Phone #: 225-342-7499 ▪ Fax #: 225-342-7607 ▪ www.ldh.la.gov

"An Equal Opportunity Employer"



Attachment #2

Severity: Significant

Facility ID: LOUISIANA WAR VETERANS WELL 001

Category: Source

Attachment Comments: Well was not bolted down



Attachment #3

Severity: Significant

Facility ID: LOUISIANA WAR VETERANS WELL 001

Category: Source

Attachment Comments: Insulation was holding water



Attachment #4

Severity: Significant

Facility ID: LOUISIANA WAR VETERANS WELL 001

Category: Source

Attachment Comments: Plants were growing in insulation



Attachment #5

Severity: Recommendations

Facility ID: TP COMBINED WELL 1 & 2 - LA WAR VETERANS

Category: Treatment

Attachment Comments: Signs of corrosion

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL:7019 0700 0000 8664 2750

July 23, 2019

Samuel Brown
EAST FELICIANA WWKS DISTRICT 7
P. O. Box 8424
Clinton, LA 70722

Re: Class I Sanitary Survey
EAST FELICIANA WWKS DISTRICT 7 Public Water System
PWS ID LA1037014
EAST FELICIANA 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 EAST FELICIANA WWKS DISTRICT 7 (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
James Jenkins	East Feliciana Water District #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

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1037014-001 - E FEL WWKS DIST #7 WELL 001	Source	During the inspection of the well it was noted that the screen on the air release valve was torn, providing a direct pathway for contamination of the aquifer. The screen should be replaced so that in compliance with 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 #4**

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC	Finished Water Storage	During the survey, it was noted that the soil around the concrete footings of the hydropneumatic storage tank was showing signs of erosion. LAC 51:XII.225.R states 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
1037014-001 - E FEL WWKS DIST #7 WELL 001	Source	At the time the survey was conducted, the pressure gauge was not functioning. As called for in 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
1037014-001 - E FEL WWKS DIST #7 WELL 001	Source	It was noted during the survey that the air release valve did not terminate in a downwards direction. LAC 51:XII.169.H.3.a.vi states that 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 #2**
FACILITY	CATEGORY	FINDINGS
1037014-002 - E FEL WWKS DIST #7 WELL 002 (NEW)	Source	It was noted during the survey that the air release valve did not terminate in a downwards direction. LAC 51:XII.169.H.3.a.vi states that 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 #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	Security	At the time of the survey, the vegetation around the well sites had begun to overgrow the fence. The fence should be free of growth to ensure that the facilities remain secure.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	It is recommended that a risk assessment survey be conducted on the water system at a regular interval to ensure that the distribution system has not been exposed to new risks since the initial survey was performed.

Written Response Required

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: During the survey, it was noted that the soil around the concrete footings of the hydropneumatic storage tank was showing signs of erosion. LAC 51:XII.225.R states 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: E FEL WWKS DIST #7 WELL 001

Category: Source

Attachment Comments: It was noted during the survey that the air release valve did not terminate in a downwards direction. LAC 51:XII.169.H.3.a.vi states that 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.



Attachment #3

Severity: Minor

Facility ID: E FEL WWKS DIST #7 WELL 002 (NEW)

Category: Source

Attachment Comments: It was noted during the survey that the air release valve did not terminate in a downwards direction. LAC 51:XII.169.H.3.a.vi states that 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.



Attachment #4

Severity: Significant

Facility ID: E FEL WWKS DIST #7 WELL 001

Category: Source

Attachment Comments: During the inspection of the well it was noted that the screen on the air release valve was torn, providing a direct pathway for contamination of the aquifer. The screen should be replaced so that in compliance with 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.

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 4600

November 12, 2019

Melissa Sanders
EAST FELICIANA RURAL BLUFF CREEK WS
10270 Highway 10
Ethel, LA 70730

Re: Class I Sanitary Survey
EAST FELICIANA RURAL BLUFF CREEK WS Public Water System
PWS ID LA1037015
EAST FELICIANA Parish

Dear Ms. Sanders:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 5, 2019 sanitary survey inspection of the public water supply system for EAST FELICIANA RURAL BLUFF CREEK 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
Clark Broussard	LDH-OPH Region II Engineering
Christina Dang	LDH-OPH Region II Engineering
Jason Head	East Feliciana Rural Water Systems
Melissa Sanders	East Feliciana Rural 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

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1037004-006 - BLUFF CREEK WELL	Source	The Bluff Creek well vent screen was torn at the time of inspection. LAC 51:XII.319.D.7 states that 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.

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	System Management and Operation	At the time of the survey, the pumps were being operated without their shaft guard on. In order to protect operators and visitors moving parts should be covered to prevent entanglement with dangerous machinery.
FACILITY	CATEGORY	FINDINGS
TP006 - BLUFF CREEK TREATMENT PLANT	Treatment	The rack of empty and full chlorine cylinders is currently stored outside in direct sunlight; it is recommended that they be protected from direct sunlight or 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
B1900114-001	Routine	1/8/2019		0.540	
B1805576-001	Routine	11/28/2018		0.620	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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 4587

November 13, 2019

Melissa Sanders
EAST FELICIANA RURAL HWY 964 WS
10270 Highway 10
Ethel, LA 70730

Re: Class I Sanitary Survey
EAST FELICIANA RURAL HWY 964 WS Public Water System
PWS ID LA1037016
EAST FELICIANA Parish

Dear Ms. Sanders:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 5, 2019 sanitary survey inspection of the public water supply system for EAST FELICIANA RURAL HWY 964 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
Clark Broussard	LDH-OPH Engineering Services
Christina Dang	LDH-OPH Engineering Services
Jason Head	East Feliciana Rural 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

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP002 - HWY 964 & HWY 68 TREATMENT	Treatment	The chlorine gas cylinders were not stored properly. 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. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
TP002 - HWY 964 & HWY 68 TREATMENT	Treatment	There was no air inlet on the chlorine storage enclosure. Provide an air inlet on the chlorine storage enclosure. LAC 51:XII 209.A.3.f - Chlorine gas feed and storage rooms shall be constructed to have air inlets with corrosion resistant louvers shall be installed near the ceiling. **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.

1. 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.

2. At the time of inspection tree limbs and shrubs were seen hanging on and over the fence. It is recommended that these trees and shrubs be trimmed and maintained to ensure 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 – 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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
B1900532-001	Routine	2/6/2019		1.180	
B1805315-001	Routine	11/12/2018		0.860	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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
12	01/22/2019	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 225-219-7021.

Respectfully,

Christina Dang

Christina Dang, E.I.

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

Attachments



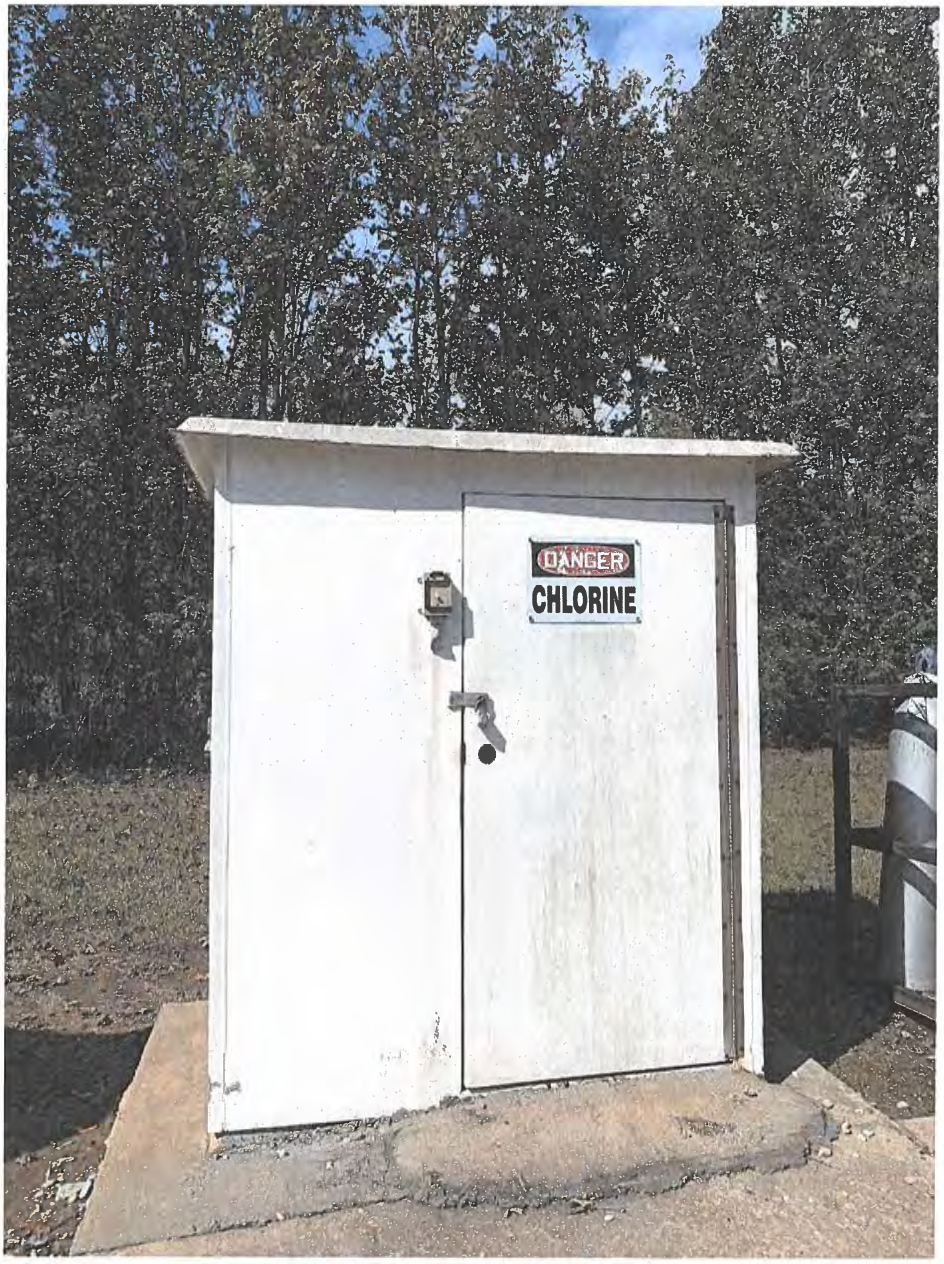
Attachment #1

Severity: Minor

Facility ID: HWY 964 & HWY 68 TREATMENT

Category: Treatment

Attachment Comments: Chlorine gas cylinders unprotected from direct sunlight and windblown debris.



Attachment #2

Severity: Minor

Facility ID: HWY 964 & HWY 68 TREATMENT

Category: Treatment

Attachment Comments: No air inlets present on the chlorine gas enclosure.

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 4518

October 30, 2019

Melissa Sanders
EAST FELICIANA RURAL PLANK-GROSS BATTLE
10270 Highway 10
Ethel, LA 70730

Re: Class I Sanitary Survey
EAST FELICIANA RURAL PLANK-GROSS BATTLE Public Water System
PWS ID LA1037017
EAST FELICIANA Parish

Dear Ms. Sanders:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 16, 2019 sanitary survey inspection of the public water supply system for EAST FELICIANA RURAL PLANK-GROSS BATTLE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Jason Head	East Feliciana Rural 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

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP005 - PLANK RD TREATMENT PLANT	Treatment	The chlorine gas cylinders were not stored properly. 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. **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.

1. 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.

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 should 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 – 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

Attachments



Attachment #1

Severity: Minor

Facility ID: PLANK RD TREATMENT PLANT

Category: Treatment

Attachment Comments: Chlorine gas cylinders are not properly stored.

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 4426

October 30, 2019

Melissa Sanders
EAST FELICIANA RURAL TURNER RD WS
10270 Highway 10
Ethel, LA 70730

Re: Class I Sanitary Survey
EAST FELICIANA RURAL TURNER RD WS Public Water System
PWS ID LA1037018
EAST FELICIANA Parish

Dear Ms. Sanders:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 16, 2019 sanitary survey inspection of the public water supply system for EAST FELICIANA RURAL TURNER RD 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
Christina Dang	LDH-OPH Engineering Services
Corey Harris	LDH-OPH Engineering Services
Jason Head	East Feliciana Rural 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

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TURNER RD TREATMENT	Treatment	The chlorine gas cylinders were not stored properly. 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. **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.

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 should 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 – 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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
B1901142-001	Routine	3/26/2019		0.870	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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

Attachments



Attachment #1

Severity: Minor

Facility ID: TURNER RD TREATMENT

Category: Treatment

Attachment Comments: Chlorine gas cylinders unprotected from direct sunlight and windblown debris.

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 4688

April 11, 2019

Mark Denette
Town of Basile Water System
PO Box 308
Basile, LA 70515

Re: Class I Sanitary Survey
Town of Basile Water System Public Water System
PWS ID LA1039001
Evangeline Parish

Dear Mayor Denette:

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 TOWN of BASILE 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
Dillan Crawford	LDH/OPH Region IV Engineering
Hammy Duplechin	CENLA Environmental Science
Barry Joubert	Town Of Basile 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. 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	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
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
EL001 - ELEVATED TOWER (1999 W. STAGG AVE)	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 (1999 W. STAGG AVE)	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 #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

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.

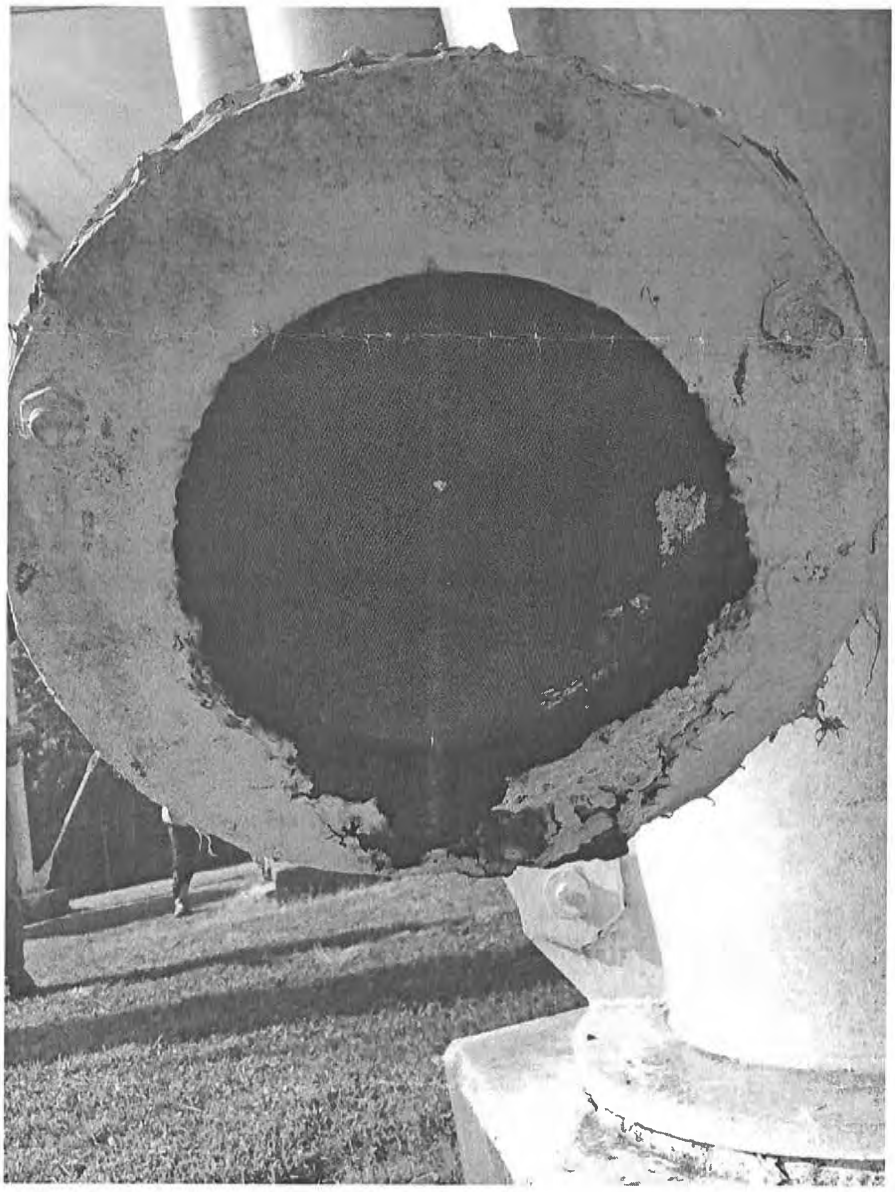
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5316.

Respectfully,

Brent Bouy, P.E.
Engineer V

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

Attachments



Attachment #1
Facility ID: ELEVATED TOWER (1999 W. STAGG AVE)
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 4695

April 8, 2019

Marcus Calvin
Chataignier Water System
P.O. Box 165
Chataignier, LA 70524

Re: Class I Sanitary Survey
Chataignier Water System Public Water System
PWS ID LA1039002
Evangeline Parish

Dear Calvin:

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 Chataignier 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
Dillan Crawford	LDH/OPH Region IV Engineering
Hammy Duplechin	CENLA Environmental Science
James Moore	Reddell Vidrine Water District
Gary Phillips	Reddell Vidrine 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

Significant Deficiencies

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
1039002-001 - WELL #1 VERT TURBINE NEAREST BUILDING	Source	The casing seal for the well has deteriorated. The well must have an adequate casing seal to prevent against the entrance of contaminants into the wells casing. Replace the wells casing seal to protect the source from bacteriological contamination. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
1039002-002 - WELL #2 SUBMERSIBLE	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 #6**

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE #1	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 24 mesh, non-corrodible screen. Install a 24 mesh, non-corrodible screen on the ground storage tank overflow pipe to provide sanitary protection at all times. **See Attachment #10**
FACILITY	CATEGORY	FINDINGS
GR002 - BOOSTER STATION GROUND STORAGE TANK #2	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 24 mesh, non-corrodible screen. Install a 24 mesh, non-corrodible screen on the ground storage tank overflow pipe to provide sanitary protection at all times. **See Attachment #11**

FACILITY	CATEGORY	FINDINGS
TP002 - DS DISINFECTION - BOOSTER STATION	Treatment	The ventilating fan is currently not installed. Install a ventilating fan. The chlorine room must be equipped with a working ventilating fan. **See Attachment #9**
FACILITY	CATEGORY	FINDINGS
1039002-002 - WELL #2 SUBMERSIBLE	Source	The air release-vacuum relief valve is broken and is not covered with the proper screen. The air release-vacuum relief valve must be repaired and covered with a 24 mesh corrosion resistant screen. Fix the air relief valve and replace the screening to prevent the entrance of contaminants. **See Attachment #7**
FACILITY	CATEGORY	FINDINGS
1039002-001 - WELL #1 VERT TURBINE NEAREST BUILDING	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 #4**
FACILITY	CATEGORY	FINDINGS
1039002-002 - WELL #2 SUBMERSIBLE	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. **See Attachment #8**
FACILITY	CATEGORY	FINDINGS
1039002-002 - WELL #2 SUBMERSIBLE	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
1039002-001 - WELL #1 VERT TURBINE NEAREST BUILDING	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 is 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 #2 and #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: 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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1810801-003		9/20/2018		0.000	
A1809748-001	Routine	9/18/2018		0.650	

Violation History

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	0.087 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019

Other Violations during the past year

Violation Number	Violation Date	Violation Type	Compliance Period
755	02/05/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	02/01/2019 - 02/28/2019
752	06/18/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2018 - 06/30/2018
751	04/10/2018	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

Attachments





Attachment #2	Attachment #3
Facility ID: WELL #1 VERT TURBINE NEAREST BUILDING	**Facility ID:** WELL #1 VERT TURBINE NEAREST BUILDING
Category: Source	**Category:** Source



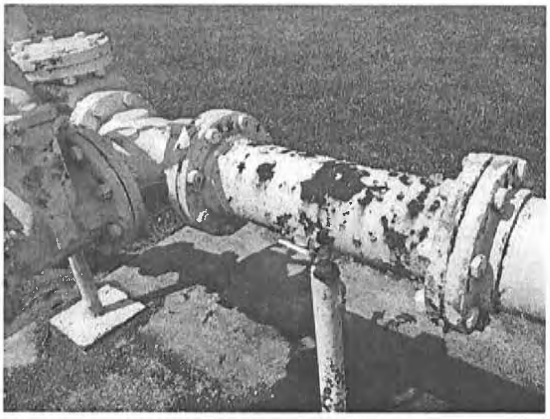


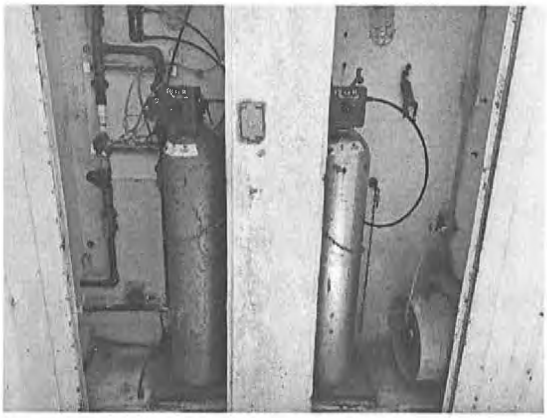
Attachment #4	Attachment #5
Facility ID: WELL #1 VERT TURBINE NEAREST BUILDING	**Facility ID:** WELL #1 VERT TURBINE NEAREST BUILDING
Category: Source	**Category:** Source





Attachment #6	Attachment #7
Facility ID: WELL #2 SUBMERSIBLE	**Facility ID:** WELL #2 SUBMERSIBLE
Category: Source	**Category:** Source





Attachment #8	Attachment #9
Facility ID: WELL #2 SUBMERSIBLE	**Facility ID:** DS DISINFECTION - BOOSTER STATION
Category: Source	**Category:** Treatment





Attachment #10	**Attachment #11**
Facility ID: GROUND STORAGE #1	**Facility ID:** BOOSTER STATION GROUND STORAGE TANK #2
Category: Finished Water Storage	**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 3351

June 18, 2019

Todd Welch
Evangeline WW District 1 - Pine Prairie
P O Box 166
Pine Prairie, LA 70576

Re: Class I Sanitary Survey
Evangeline WW District 1 - Pine Prairie Public Water System
PWS ID LA1039004
Evangeline Parish

Dear Mr. Oliver:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the June 12, 2019 sanitary survey inspection of the public water supply system for EVANGELINE WW DISTRICT 1 - PINE PRAIRIE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Mark West	Evangeline WW #1- Pine Prairie

NOTICE OF VIOLATIONS

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

The following list 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 overflow pipe is not screened. The overflow pipe must be screened with twenty-four mesh, non-corrodible screen and installed to provide sanitary protection at all times. **See Attachment #3**
FACILITY	**CATEGORY**	**FINDINGS**
1039004-001 - WELL #1 - SOUTH WELL	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. **See Attachment #1**
FACILITY	**CATEGORY**	**FINDINGS**
1039004-003 - WELL #2-A - NORTH WELL BY TOWER	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. **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
1039004-003 - WELL #2-A - NORTH WELL BY TOWER	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 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 #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

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 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 - SOUTH WELL
Category: Source



Attachment #2
Facility ID: WELL #2-A - NORTH WELL BY TOWER
Category: Source



Attachment #3
Facility ID: GROUND STORAGE TANK
Category: Finished Water Storage



Attachment #4
Facility ID: WELL #2-A - NORTH WELL BY TOWER
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 1293

July 15, 2019

Ricky Fontenot
Town of Mamou Water System
P.O. Box 490
Mamou, LA 70554

Re: Class I Sanitary Survey
Town of Mamou Water System
PWS ID#: LA 1039005
Evangeline 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 21, 2019 sanitary survey inspection of the public water supply system for Town of Mamou 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
Jarred Courville	Town Of Mamou
Allen Dick	Town Of Mamou Water System
Olin J. Logue	Town Of Mamou Water System
Ricky Naquin	Town Of Mamou 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	09/19/2017	Formal Enforcement	Significant	Distribution System	DS0950 Distribution System

Comments: The water system must demonstrate that there is a working cross connection program. All commercial customers should be assessed for proper backflow prevention devices. A customer listing should be compiled and maintained showing customers requiring backflow devices and customers with backflow devices installed. The water system should have a procedure for addressing existing customers that do not currently have the required protection device. Please send this office an updated list of customers requiring or maintaining backflow preventers, updated annual test reports for all customers on the list, and records to demonstrate that the water system has exhausted efforts to obtain test reports from non-compliant customers. Please feel free to call this office to discuss the required protection for any customer on the water system.

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/11/2017	09/19/2017	Formal Enforcement	Significant	Source	1039005-002 Well #2 Lil Ball Park Well

Comments: The casing for Well #2 (Little Ball Park Well) is showing significant signs of rust, corrosion, and flaky painting. The well casing must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.
(See Attachment A-2)

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/11/2017	09/19/2017	Formal Enforcement	Significant	Source	1039005-003 Well #3 Worm Farm Well

Comments: The casing for Well #3 (Worm Farm Well) is showing significant signs of rust, corrosion, and flaky painting. The well casing must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.
(See Attachment A-3)

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/11/2017	09/18/2017	Sanitary Survey, Finished	Minor	Source	1039005-003 Well #3 Worm Farm Well

Comments: A threaded hose bibb is present downstream of the check valve on the discharge piping of the well. This tap must be removed or furnished with an atmospheric vacuum breaker to eliminate the possibility of contamination to the finished water supply.
(See Attachment A-4)

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1039005-001 Well #1 Old Well Site	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 Louisiana's applicable standards, rules and regulations. Upon completion, provide written documentation to LDH stating that the well has been properly plugged and abandoned. **(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
160	02/13/2019	Exceed Secondary Contaminant Level	01/01/2018 - 12/31/2018
158	12/18/2018	5% Distribution System Below Minimum 0.50 mg/L - 2 Months Consecutive (GW)	12/01/2018 - 12/31/2018
157	11/26/2018	Inadequate Minimum Chlorine Residual (GW & SW)	11/01/2018 - 11/30/2018
156	08/17/2018	Inadequate Minimum 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) 262-5634.

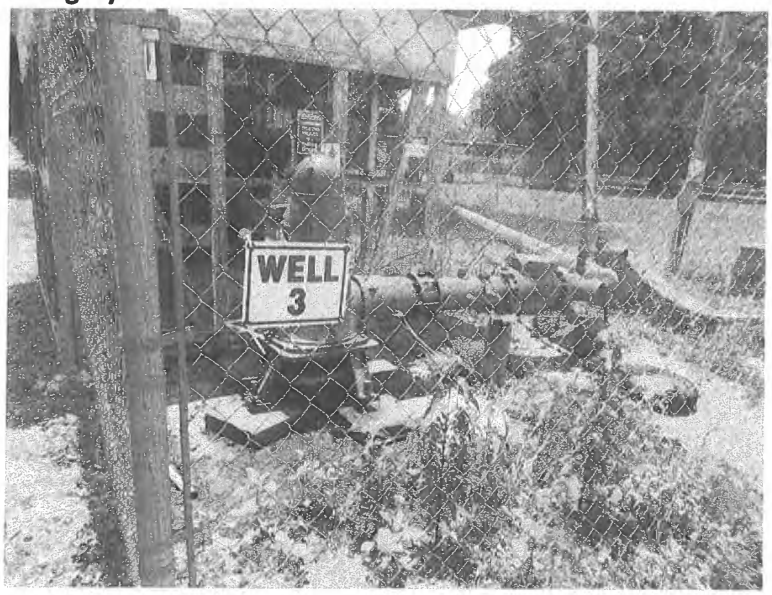
Respectfully,

Hayden K. Keigley, P.E.
Engineer 4

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Joseph "Todd" Abshire, Designated Operator, Louisiana Rural Water Association
Olin Logue, Operator, Town of Mamou Water System
Allen Dick, Operator, Town of Mamou Water System

Attachments

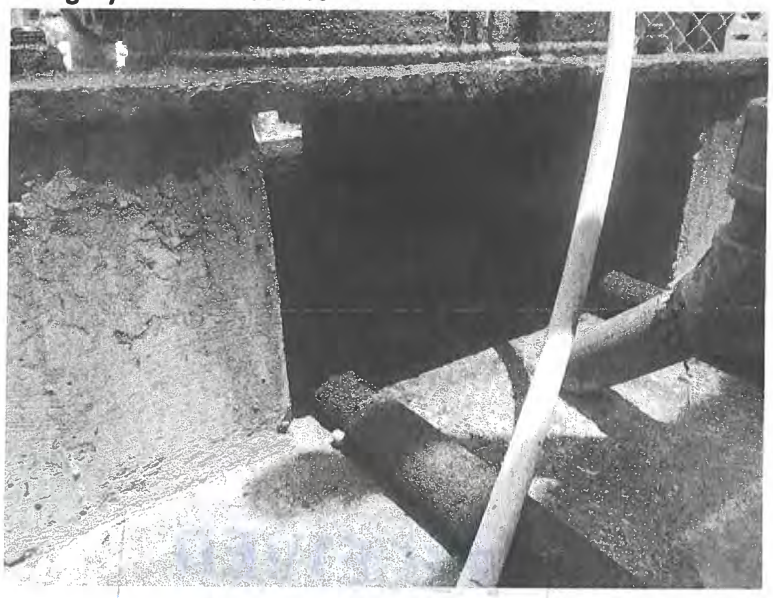
Attachment A-1: Inactive Well must be Plugged & Abandoned
Facility ID: Well #1 – Old Tower Site
Category: Source



Attachment A-2: Well Casing Needs Maintenance
Facility ID: Well #2 – Lil Ball Park Well
Category: Source



Attachment A-3: Well Casing Needs Maintenance
Facility ID: Well #3 – Worm Farm Well
Category: Source



Attachment A-4: Well Casing Needs Maintenance
Facility ID: Well #3 – Worm Farm 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: 7007 2560 0003 2846 3498

October 16, 2019

Wilbur Thompson
TE Mamou Water District
219 Snook's Road
Ville Platte, LA 70586

Re: Class I Sanitary Survey
TE Mamou Water District
PWS ID #: LA1039009
Evangeline Parish

Dear Mr. Thompson:

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 TE Mamou Water District. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Cliff Fontenot	TE Mamou Water District
Dustin Perron	TE Mamou 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/22/2017	11/28/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED
Comments: During a review of system records, the water system did not provide a history of inspections to support the physical condition of the elevated tower's interior and exterior surfaces. In addition to exterior cleaning and/or painting, the interior surfaces of finished water storage facilities should be inspected routinely. The recommended frequency of routine maintenance and inspection for finished water storage facilities is 3 to 5 years. Please provide documentation of the most recent elevated tank inspection on file.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
11/22/2017	11/28/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: Laboratory reports of bacteriological and chemical test results shall be kept on file and retained for not less than ten (10) years. During the sanitary survey, some chlorine residual reports and disinfection byproduct test results were not available for review. All such records shall be made available for review when requested during inspections of the public water system performed by LDH.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
11/22/2017	11/28/2017	Sanitary Survey, Finished	Minor	Source	1039009-002-WELL #2-AT OFFICE
Comments: The well's outer casing is displaying signs of rust, corrosion, and flaking paint. The well's outer casing must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
11/22/2017	11/28/2017	Sanitary Survey, Finished	Minor	Source	1039009-002-WELL #2-AT OFFICE
Comments: A segment of one of the booster pump lines which connects to the well discharge piping is uncovered and exposed to physical damage from frost and sunlight. This section of PVC pipe should be buried to prevent physical damage.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
11/22/2017	11/28/2017	Sanitary Survey, Finished	Minor	Source	1039009-004-WELL #4
Comments: The well's outer casing is displaying signs of rust, corrosion, and flaking paint. The well's outer casing must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/22/2017	11/28/2017	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT FOR WELL #2
Comments: The water system has only one chlorine booster pump installed. Systems which require chlorination for protection of the water supply shall have sufficiently sized replacement equipment on standby. Please provide documentation that replacement equipment for the booster pump has been provided onsite for the Well #2 treatment plant.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1039009-002 - WELL #2-AT OFFICE	Source	During the survey, there was excessive amount of organic growth in the bell housing and there was two (2) leaks observed at Well #2. There is a small leak at the blind flange and at the sample tap near where the pipe enters the ground. 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 organic growth be cleared and that the leaks be repaired immediately. **See Attachment #4, #3 and #2**
FACILITY	**CATEGORY**	**FINDINGS**
Management	Other	For Well #2 and Well #4 the outer casing and piping are displaying signs of rust, corrosion, and flaking paint. Both the well's outer casing and piping must be cleaned, treated, and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. **See Attachment #6 and #7**

Deficiencies

FACILITY	CATEGORY	FINDINGS
1039009-004 - WELL #4	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. Replace the air relief valve screening to prevent the entrance of contaminants. **See Attachment #5**
FACILITY	**CATEGORY**	**FINDINGS**
1039009-002 - WELL #2-AT OFFICE	Source	The well is equipped with a casing vent that does not meet the applicable standard. 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 with appropriate non-corrodible 24 mesh screening to prevent the entrance of foreign matter. **See Attachment #1**
FACILITY	**CATEGORY**	**FINDINGS**
1039009-004 - WELL #4	Source	The well is equipped with a casing vent that does not meet the applicable standard. The openings of the vent pipes shall face downward and shall be screened with appropriate non-corrodible 24 mesh screening to prevent the entrance of foreign matter. **See Attachment #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.

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

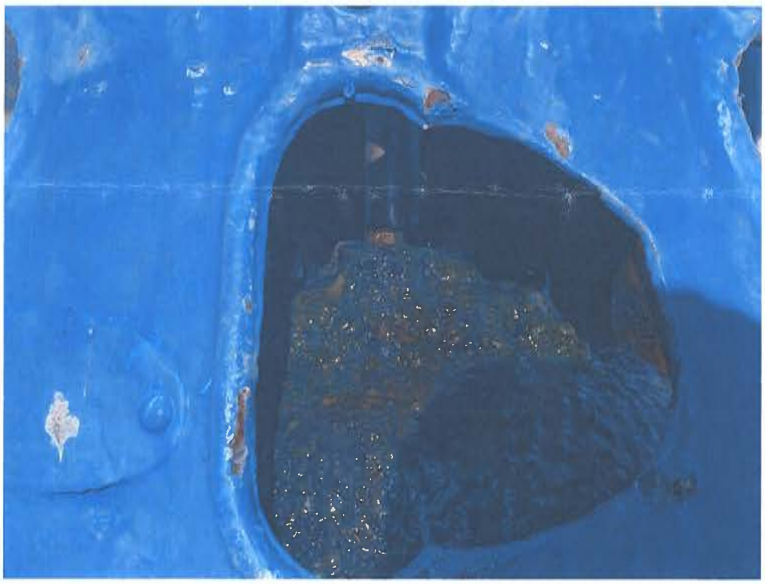
State of Louisiana

Department of Health
Office of Public Health

Attachments



Attachment #1
Facility ID: WELL #2-AT OFFICE
Category: Source



Attachment #2
Facility ID: WELL #2-AT OFFICE
Category: Source

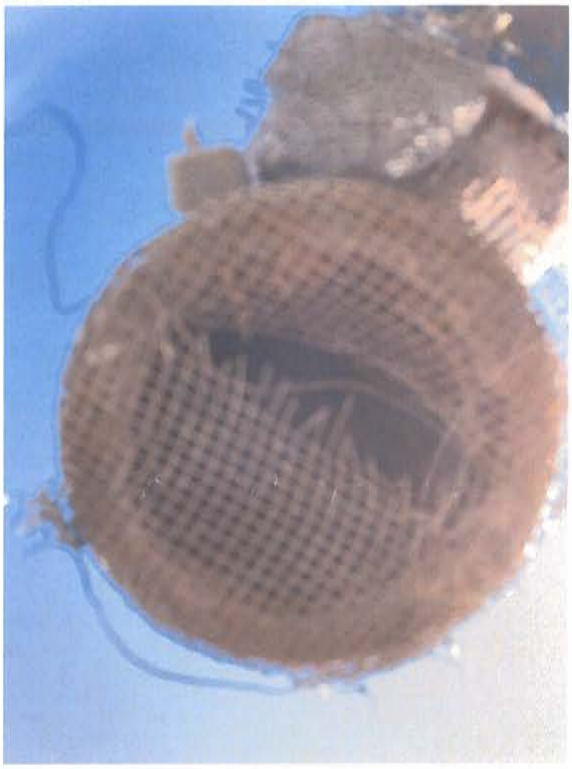
Office of Public Health ▪ Acadian Region 4 ▪ Engineering Services
825 Kaliste Saloom Road ▪ Brandywine 3 ▪ Suite 100 ▪ Lafayette, LA 70508
Office: (337) 262-5311 ▪ Fax: (337) 262-5638 ▪ www.ldh.la.gov
"An Equal Opportunity Employer"



Attachment #3
Facility ID: WELL #2-AT OFFICE
Category: Source



Attachment #4
Facility ID: WELL #2-AT OFFICE
Category: Source



Attachment #5
Facility ID: WELL #4
Category: Source



Attachment #6
Facility ID: WELL #2
Category: Other



Attachment #7
Facility ID: WELL #4
Category: Other



Attachment #8
Facility ID: WELL #4
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 0401

October 23, 2019

Michael Johnson
WARD IV WATER DISTRICT
2190 Leman Road
Oakdale, LA 71463

Re: Class I Sanitary Survey
WARD IV WATER DISTRICT
PWS ID #: LA1039015
EVANGELINE 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 October 16, 2019 sanitary survey inspection of the public water supply system for WARD IV WATER DISTRICT. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Michael Johnson	Ward IV District Water
Hayden K. Keigley	LDH/OPH Region IV Engineering
Grady Strothers	Ward IV 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

No observations were recorded in this category.

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.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.
FACILITY	**CATEGORY**	**FINDINGS**
TP001 - TREATMENT PLANT	Treatment	The chlorine feed room is not equipped with an inspection window. A shatter resistant inspection window is required where chlorine gas is feed.

Written Response Required

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

No other violations were reported in the past year.

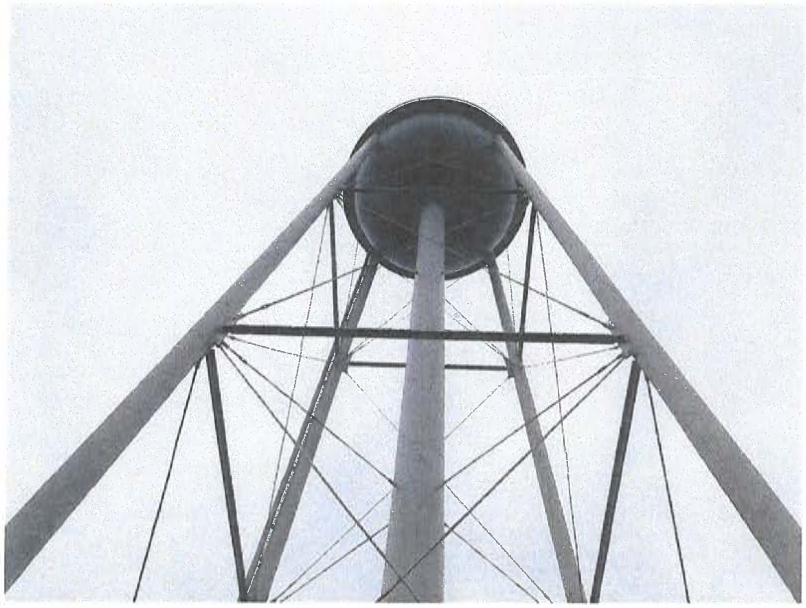
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-262-5746.

Respectfully,

Dillan Crawford,

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

Attachment A.1 **EL001 – Elevated Tower needs to be inspected**
Facility ID: Elevated Tower
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

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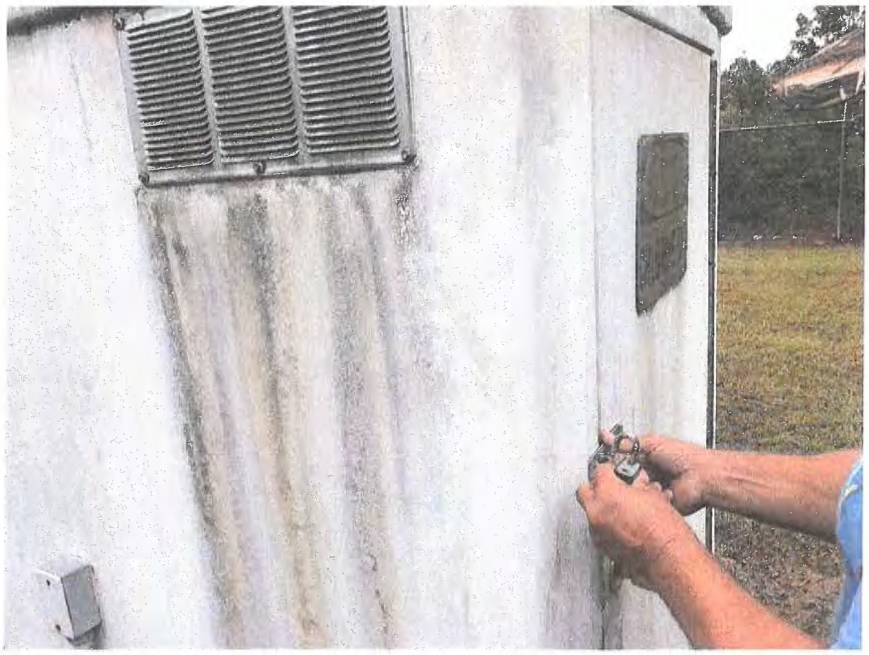
Attachment A.2 **TP001 – No inspection window**
Facility ID: Treatment Plant
Category: Treatment



Attachment A.3 **TP001 – No weighing scales**
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 0517

October 31, 2019

Don Deville
Ward 5 Waterworks District 1 – Lone Pine
1099 Milburn Road
P.O. Box 67
St. Landry, LA 71367

Re: Class I Sanitary Survey
Ward 5 Waterworks District 1 – Lone Pine
PWS ID #: LA 1039017
Evangeline Parish

Dear Mr. Deville:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 16, 2019 sanitary survey inspection of the public water supply system for Ward 5 Waterworks District 1 – Lone Pine public 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 Services
Dillan Crawford	LDH/OPH Region 4 Engineering Services
Edward B. Johnson	Ward 5 Waterworks District 1 – Lone Pine
Sarah Sievers	Ward 5 Waterworks District 1 – Lone Pine

NOTICE OF VIOLATIONS

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

The following list 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	The point of entry (POE) sample tap is located on the elevated tower. The POE sampling site must be located after all treatment processes, pumps and storage tanks/towers 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
Edward B. Johnson, Designated Operator, Ward 5 Waterworks District 1 – Lone Pine
Sarah Sievers, Secretary, Ward 5 Waterworks District 1 – Lone Pine

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 0524

October 31, 2019

Michael Duplechain
Pine Prairie Correctional Facility
1133 Hampton Dupre Road
P.O. Box 650
Pine Prairie, LA 70576

Re: Class I Sanitary Survey
Pine Prairie Correctional Facility
PWS ID #: LA1039018
Evangeline Parish

Dear Mr. Duplechain:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 16, 2019 sanitary survey inspection of the public water supply system for Pine Prairie Correctional Facility public 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 Engineer
Dillan R. Crawford	LDH/OPH Region 4 Engineer
Michael Duplechain	Pine Prairie Correctional Facility
Javata Jason	Pine Prairie Correctional Facility

NOTICE OF VIOLATIONS

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

The following list 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 monitoring plan for the water system is outdated and needs to be returned to the public water system for updating. Currently, the TCR-002 bacteriological sampling sites tap is being used to collect the daily POE chlorine residual readings. The public water system must revise and resubmit its monitoring plan to reflect the new POE and TCR locations that were discussed during the sanitary survey. Contact LDH Region 4 Engineering staff to return the monitoring plan to the water system and to discuss changes prior to updating the monitoring plan. The water system can update the monitoring plan by logging into the Monitoring Plan Portal on LDHs website using the following link: https://www.ldhh-mpp.org/.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1039018-002 Well #2 East Well	Source	The screening for the well's casing vent is damaged. 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.
FACILITY	**CATEGORY**	**FINDINGS**
1039018-002 Well #2 East Well	Source	There is currently no pressure gauge installed on the discharge piping of the well. A pressure gauge must be installed on the discharge piping upstream of the check valve 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.
FACILITY	**CATEGORY**	**FINDINGS**
1039018-001 Well #1 West Well	Source	There is currently no pressure gauge installed on the discharge piping of the well. A pressure gauge must be installed on the discharge piping upstream of the check valve 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.

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Currently, the daily chlorine residuals for the point of entry (POE) are being monitored at the TCR-002 monthly routine bacteriological sampling site. Monthly chlorine residuals have not been being monitored or recorded at the approved ACR-004 site. Per LAC 51:XII.367.B, chlorine residuals must be monitored daily at the water production POE sampling site(s) and recorded on approved Report #1. Chlorine residuals must be monitored daily at the maximum residence time (MRT) sampling site located at a point furthest from treatment and recorded on approved Report #2. Chlorine residuals must be monitored monthly at the additional chlorine residual (ACR) sampling site(s) and recorded on approved Report #3. These sampling sites are established on the approved monitoring plan for the public water system. A free chlorine residual of 0.50 mg/L is required at all times and at every location tested. Begin measuring the residuals daily at the approved locations using a digital chlorine analyzer and record the results 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. Official notice of this violation, along with any required actions that must be taken, will be provided under separate cover.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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
1039018-002 Well #2 East Well	Source	All wells that are used as a ground water source to provide service to a public water system must be registered. There is no documentation on file with LDH stating that this well has been registered with the Deportment of Natural Resources (DNR). Please provide this office with the driller's log and the DNR well registration form which includes the GWR ID for the well.
FACILITY	**CATEGORY**	**FINDINGS**
1039018-001 Well #1 West Well	Source	All wells that are used as a ground water source to provide service to a public water system must be registered. There is no documentation on file with LDH stating that this well has been registered with the Deportment of Natural Resources (DNR). Please provide this office with the driller's log and the DNR well registration form which includes the GWR ID for 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 – 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
31	04/02/2019	Consumer Confidence Report	
30	02/19/2019	Public Notice Rule Linked to Violations	
29	02/14/2019	Inadequate Minimum Chlorine Residual	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 (337) 262-5634.

Respectfully,

Hayden K. Keigley, P.E.
Engineer 4

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Paul Vondenstein, Contract Designated Operator, WWTSO

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL: 7018 0680 0001 2497 7897 – Return Receipt Requested

April 30, 2019

Mike Stephens
Gilbert Water System
P O Box 600
Gilbert, LA 71336

Re: Class I Sanitary Survey
Gilbert Water System
PWS ID LA1041002
Franklin Parish

Dear Mr. Stephens:

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 Gilbert 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
Mike 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
Management	Security	At the time of inspection, the gate to the Elevated Tank site was damaged and there were noticeable gaps on the bottom of the fence around the site. Please fix the gate and fill in any low areas around the fence line to help deter any unauthorized persons from entering the Elevated Tank site.
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

FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of inspection, the Elevated Tank Site had noticeable overgrowth. Please remove any excess vegetation from the site and from the leg supports to prevent any damage to the Elevated 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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to 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

Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: NORTH FRANKLIN WATER SYSTEM		PWS ID#: 1041003
Contact Name: MARION COLLIER		Phone #: 318-722-3589
PWS Address: P.O. Box 87 Crowville LA 71230		E-mail: nfww@att.net
Name of Lead Assessor: DANNY MORTIMER		Date Completed: 5/14/2019
Level 2 Trigger	*E. coli* Positive: YES ☐NO ☐	If yes, which sample(s) from Section II?
	2nd Level 1: YES X NO ☐	Date of 1st Level 1: 10/03/2018

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

Positive Sample #1:	Sample POC#:TCR-002	Sample POC Name: 145 Hwy 145
Sample Date: 5/7/2019	Name of Sample Collector: Marion Collier	
Chlorine Residual: Free X Total ☐ Not Measured ☐		0.96 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-008	Sample POC Name: Hwy 577@Hollis-Shirley Rd
Sample Date: 5/7/2019	Name of Sample Collector: Marion Collier	
Chlorine Residual: Free X Total ☐ Not Measured ☐		1.01 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 ☐

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: 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: 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		

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)		1.15 Free	1.01 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
There has been an extreme amount of rain in the area which may have affected the wells. All wells came back TC+ on the triggered ground sampling.	

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:5/15/2019**

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

CERTIFIED MAIL: 7018 0680 0001 2490 8228 – Return Receipt Requested

August 23, 2019

Devon Goodman
North Franklin Water Works
P.O. Box 87
Crowville, LA 71230

Re: Class I Sanitary Survey
North Franklin Water Works
PWS ID LA1041003
Franklin Parish

Dear Mr. Goodman,

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 13, 2019 sanitary survey inspection of the public water supply system for North Franklin 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
Rory Dobbs	LDH/OPH Engineering Region VIII
Marion Collier	North Franklin 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
DS0950 - Distribution System	Distribution System	At the time of inspection, the water system had adopted a cross connection ordinance, but had not fully implemented the cross connection control plan. Once the plan is fully implemented, please send a customer list from the cross connection survey including customers that require a backflow prevention device, and all testing reports from a certified backflow device tester.

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.
Facility	Category	Findings
EL001 - Elevated Tank #1	Finished Water Storage	At the time of inspection, Elevated Tank #1 did not have a sample tap. Please install a smooth nose sample tap to facilitate collection of samples.
Facility	Category	Findings
EL001-EL003 - Elevated Tanks #1-3	Finished Water Storage	At the time of inspection, Elevated Tanks #1-3 were found to have overflows that discharged near the top of the 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. See attachment 1.
Facility	Category	Findings
GR005 - Chapman Rd GST South	Finished Water Storage	At the time of inspection, the South Ground Storage Tank at the Chapman Road site showed significant signs of erosion near the overflow outlet. Please fill in this hole and extend the splash pad to prevent any further erosion. 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
TP003 - Chapman Road Well	Treatment	At the time of inspection, the vent line for the chlorine feeding equipment at the Chapman Road well site was not screened. Vents from chlorinator and storage areas must be screened and discharge to the outside atmosphere, above grade.
Facility	Category	Findings
TP003 - Chapman Road Well	Treatment	At the time of inspection, the water system had no way of measuring phosphate levels within the water supply. Public water supplies which feed poly and/or orthophosphates shall have test equipment capable of accurately measuring phosphates from 0.1 to 20 milligrams per liter.
Facility	Category	Findings
1041003 – 004-006 & 008-011 Chapman Road Well # 4-6 & 8-11	Source	At the time of inspection, the air relief valve for Wells #4-6 & #8-11 were not in a downturned position or covered with a proper screen. 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 3.
Facility	Category	Findings
1041003-	Source	At the time of inspection, the air relief valve for Well #3 was not properly

002 - Well #3		screened. Please install a 24-mesh, corrosion resistant screen to prevent the entrance of small insects.
Facility	Category	Findings
1041003-001 & 002 – Wells #2 & #3	Source	At the time of inspection, the motor heads for Wells #2 & #3 showed noticeable signs of rust. Please have the motor head cleaned and painted to prevent a possible pathway for contamination. See attachment 4.
Facility	Category	Findings
1041003 – 004-006 & 008-011 Chapman Road Well # 4-6 & 8-11	Source	At the time of inspection, Wells #4-6 & #8-11 showed signs of rust and flaking paint. Please clean and repaint the wells to prevent and further corrosion and deterioration that could lead to a potential source of contamination. 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
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
S1903395-002	Routine	5/21/2019		2.060	
S1903145-007		5/8/2019		0.000	
S1903145-008		5/8/2019		0.010	
S1903145-009		5/8/2019		0.000	
S1903145-010		5/8/2019		0.010	
S1903145-011		5/8/2019		0.000	
S1903145-012		5/8/2019		0.000	
S1903145-013		5/8/2019		0.010	
S1903145-014		5/8/2019		0.020	
S1903145-015		5/8/2019		0.000	
S1903145-016		5/8/2019		0.010	
S1903040-001	Routine	5/7/2019		0.960	
S1903040-002	Routine	5/7/2019		1.010	
S1901692-003	Routine	3/12/2019		1.180	
S1900498-003	Routine	1/22/2019		1.410	
S1805506-002	Routine	9/19/2018		1.400	
S1805185-001	Routine	9/6/2018		0.980	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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 I

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

Attachments:



Attachment 1: Elevated overflow discharge too high.



Attachment 2: Chapman South GST overflow erosion.



Attachment 3: Chapman Wells air relief not downturned or properly screened, flaky paint, and rusty piping.



Attachment 4: Wells 2 & 3 motor head.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana
Department of Health

CERTIFIED MAIL: 7018 0680 0001 2497 7910 – Return Receipt Requested

May 2, 2019

Marc McCarty
Wisner Water System
P.O. Box 290
Wisner, LA 71378

Re: Class I Sanitary Survey
Wisner Water System
PWS ID LA1041007
Franklin 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 April 24, 2019 sanitary survey inspection of the public water supply system for Wisner 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
Mike 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.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of inspection, the sample tap downstream of the check valve on Well #2 was threaded. Please either remove the threads or replace the tap with a smooth nozzle tap. See attachment #1.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of inspection, the water system did not have a cross connection control plan 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.
FACILITY	CATEGORY	FINDINGS
1041007-002 - WELL #2 NORTH	Source	At the time of inspection, the electrical box for Well #2 was not properly sealed. Please seal the electrical box to eliminate this potential pathway for contamination. See attachment #2.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, Bacteriological sample results and daily chlorine reports were not available for dates prior to February 2018. Please send the next three month of chlorine residual forms to the Region VIII office.
FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of inspection, some of the piping in the treatment plant was showing signs of corrosion and manganese build up. Please clean and repaint any affected piping in the treatment plant. See attachment #3.
FACILITY	CATEGORY	FINDINGS
1041007-002 - WELL #2 NORTH	Source	At the time of inspection, the check valve on Well #2 showed signs of a small leak. Please fix this leak to prevent the possibility of contaminants entering the well discharge piping. See attachment #4.
FACILITY	CATEGORY	FINDINGS
1041007-001 - WELL #1 SOUTH	Source	At the time of inspection, the discharge piping for Well #1 was showing signs of corrosion and manganese buildup. Please clean and paint Well #1 to protect the well discharge piping from further damage. 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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to 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 Elevated Storage Tank site was partially overgrown. Please clean up the site and remove all excess vegetation.

Written Response Required

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
19	02/14/2019	PUBLIC NOTICE RULE LINKED TO	

		VIOLATION	
18	10/04/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	09/01/2018 - 09/30/2018
17	09/06/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018
16	07/03/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2018 - 06/30/2018
15	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 318-361-7246.

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: Threaded sample tap on Well #2.



Attachment #2: Electrical box at Well #2.



Attachment #3: Rusty piping in treatment plant.



Attachment #4: Check valve leak on Well #2.



Attachment #5: Discharge piping on Well #1.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL: 7018 0680 0001 2497 7743 – Return Receipt Requested

July 22, 2019

Howard Anderson
West Winnsboro Water System
P.O. Box 222
Winnsboro, LA 71435

Re: Class I Sanitary Survey
West Winnsboro Water System
PWS ID LA1041009
Franklin Parish

Dear Mr. Anderson:

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 West Winnsboro 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
Mike 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/10/2017	09/01/2017	Sanitary Survey, Finished	Significant	Distribution System	DS0950-Distribution System
Comments: It was noted the system has adopted a formal cross connection control program, however the program has not been fully implemented. Implement and enforce the cross connection control program.					

Significant Deficiencies

Facility	Category	Findings
DS0950 - Distribution System	Distribution System	At the time of inspection, the water system had a cross connection control program in place but not yet fully implemented. Once the plan is fully implemented, please send a customer list from the cross connection survey including customers that require a backflow prevention device, and all testing reports from a certified backflow device tester.

Deficiencies

Facility	Category	Findings
GR001 - GST on Carroll Road	Finished Water Storage	At the time of inspection, the overflow for the ground storage tank was piped through the ground into a ditch outside of the fenced area. Please ensure that the overflow piping terminates 12-24 inches over a drainage inlet or appropriately sized splash pad. See attachment 1.
Facility	Category	Findings
GR001 - GST on Carroll Road	Finished Water Storage	From review, the Ground Storage Tank should be inspected and painted. 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 2.
Facility	Category	Findings
TP003 - TP Well #3 & #4	Treatment	At the time of inspection, the vent lines for the chlorine building were not properly screened. Please screen the vent line to eliminate the possibility of insects contaminating the water supply.
Facility	Category	Findings
1041009-003 - Well #3 - West	Source	At the time of inspection, the air relief valve assembly had a broken section of pipe that introduced a possible pathway for contamination. Please seal up the air relief valve piping to remove any possible pathway for contamination. 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
TP003 - TP Well #3 & #4	Treatment	At the time of inspection, the chlorine building did not have an inspection window. A shatter resistant inspection window is required, where chlorine gas is fed. 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
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,
Engineer Intern I

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

Attachments:



Attachment 1: GST overflow



Attachment 2: GST paint



Attachment 3: Air relief piping on well #3



Attachment 4: Chlorine building inspection window

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 7832 – Return Receipt Requested

November 22, 2019

Charlie Jennings
Liddieville Water System
P.O. Box 303
Winnsboro, LA 71295

Re: Class I Sanitary Survey
Liddieville Water System
PWS ID LA1041010
Franklin Parish

Dear Mr. Jennings:

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 Liddieville 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
Tyler Lollis	LDH/OPH Engineering Region VIII
Karen Jennings	Liddieville Water System
Jimmy R Spears	Liddieville 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 policy, but had not fully implemented the policy. Please fully enforce the policy for all customers identified in the cross connection survey.
Facility	Category	Findings
1041010-001 - Well #1	Source	At the time of inspection, the casing pipe for Well #1 showed significant signs of rust. Please have the casing pipe cleaned and painted to remove a possible pathway for contamination. See attachment 1.
Facility	Category	Findings
1041010-002 - Well #2 (New Well)	Source	At the time of inspection, the air relief valve for Well #2 was screened with an incorrect screen size and was leaking water when the well was on. Please install a 24 mesh screen on the terminal end of the air relief valve piping and inspect the air relief valve to ensure there is no pathway for contamination into the well discharge piping. See attachment 2.

Deficiencies

Facility	Category	Findings
EL001 - Elevated	Finished Water Storage	At the time of inspection, it was noted that the Elevated Tank overflow pipe terminated at a height greater than two feet above the ground surface. Please bring down the terminal of the overflow pipe between 12 and 24 inches above the ground surface. See attachment 3.
Facility	Category	Findings
EL001 - Elevated	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. At the time of inspection, the tank appeared to be in need of exterior cleaning as well. See attachment 4.
Facility	Category	Findings
TP001 - Well #1 & #2	Treatment	At the time of inspection, the ventilating fan in the chlorine building was located near the ceiling of the building and did not seem to ventilate the area well. Where chlorine gas is used, 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.
Facility	Category	Findings
1041010-002 - Well #2 (New Well)	Source	At the time of inspection, the well casing vent for Well #2 was screened with an incorrect screen size. Please install a 24 mesh screen to the well casing vent.

Facility	Category	Findings
1041010-001 - Well #1	Source	At the time of inspection, Well #1 showed noticeable signs of rust and flaking paint. Please have the well cleaned and repainted to prevent a possible pathway for contamination.
Facility	Category	Findings
1041010-002 - Well #2 (New Well)	Source	At the time of inspection, Well #2 showed noticeable signs of rust and flaking paint. Please have the well cleaned and repainted 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.

Facility	Category	Findings
DS0950 - Distribution System	Distribution System	At the time of inspection, it was noted that the TCR-004 sample tap located at 229 LA 618 was located in a ditch and was susceptible to water levels incurred during a rain event. Please raise the tap to a level where rain water won't rise to a level which may negatively affect sample quality for routine TCR sampling.
Facility	Category	Findings
TP001 - Well #1 & #2	Treatment	At the time of inspection, the zinc orthophosphate pump was not properly secured in place. Please secure the pump to prevent any chance of falling and interrupting the treatment process.

Written Response Required

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 casing.



Attachment 2: Well #2 air relief valve screen.



Attachment 3: Elevated tank overflow pipe.



Attachment 4: Elevated Tank.

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 6606

November 8, 2019

Margaret Allen
ZONE 2 WATER SYSTEM INC
PO Box 265
Colfax, LA 71417

Re: Class I Sanitary Survey
ZONE 2 WATER SYSTEM INC Public Water System
PWS ID LA1043001
GRANT Parish

Hello Ms. Allen:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 25, 2019 sanitary survey inspection of the public water supply system for ZONE 2 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
Fren Allen	Zone Two 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
05/11/2017	05/26/2017	Sanitary Survey, Finished	Minor	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: With reference to previous Sanitary Survey conducted 10/28/2010, 40 CFR 141.403 and LAC 51:XIV.609.F.4 - As required by 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 by this Part or as otherwise directed by the state health officer. Comments: A cross connection control program, including written policies and procedures, is not provided. A cross connection control program, including written policies and procedures, must be in place to help ensure compliance with LAC 51:XIV (State Plumbing Code) Appendix D. NOTE: If NO CROSS-CONNECTIONS EXIST anywhere in the Zone 2 Water System including any businesses on the service, provide and submit written documentation stating the same.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
10/28/2010	11/22/2010	Sanitary Survey, Finished	Minor	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: A cross connection control program, including written policies and procedures, is not provided. A cross connection control program, including written policies and procedures, must be in place to help ensure compliance with LAC 51:XIV (State Plumbing Code) Appendix D.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	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.
FACILITY	CATEGORY	FINDINGS
GR003 - GST @ BACK OF MAIN PLANT	Finished Water Storage	GST @ BACK OF MAIN PLANT: 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. GR003 is directly connected to drainage, and does not have the necessary air gap to prevent cross-contamination. **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
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.
FACILITY	CATEGORY	FINDINGS
GR002 - GST @ FRONT OF MAIN PLANT	Finished Water Storage	GST @ FRONT OF MAIN PLANT: 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 of the GR002 does not terminate 1 - 2feet above the drain. **See Attachment 2.**
FACILITY	CATEGORY	FINDINGS
1043001-002 - WELL @ HWY 492 AND HWY 71	Source	1043001-002 WELL @ HWY 492 AND HWY 71: The well is not equipped with a means of measuring flow at a point where positive pressure is maintained. A means of measuring flow must be provided. **See Attachment 3.**
FACILITY	CATEGORY	FINDINGS
1043001-003 - WELL #3 @ MAIN PLANT	Source	WELL #3 @ MAIN PLANT: The well's pressure gauge is broken. The wells discharge piping must be equipped with a working pressure gauge. **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	Treatment	TP002: 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:

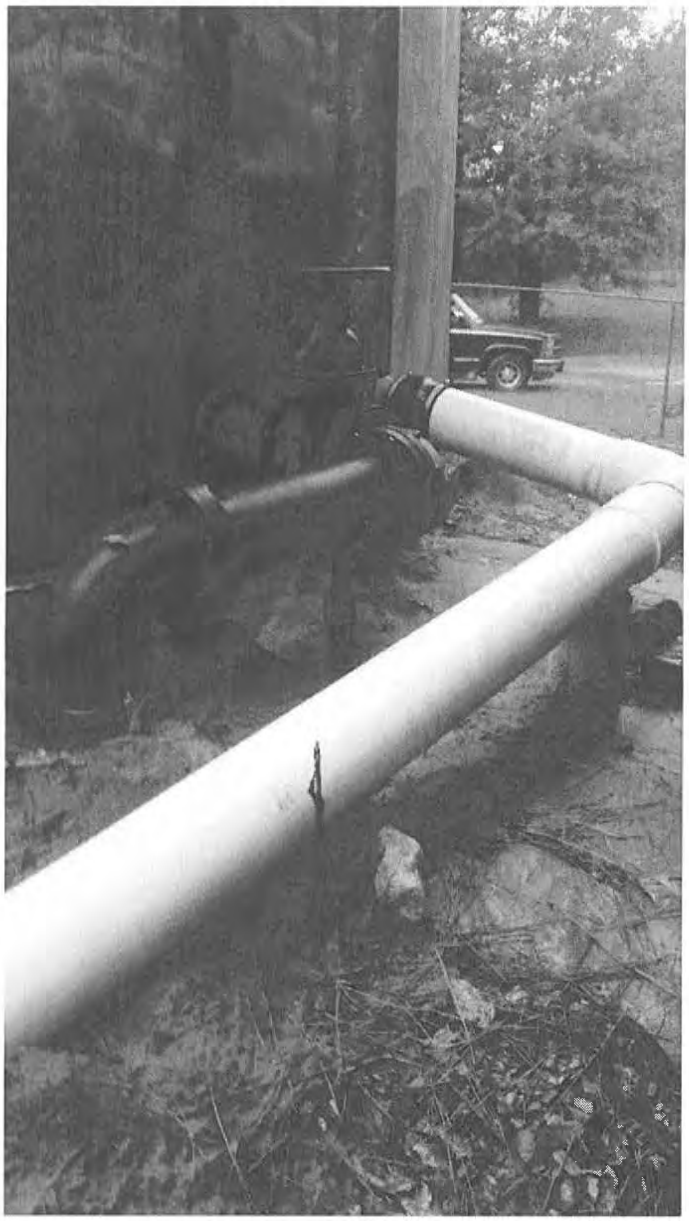
Respectfully,

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: Significant

Facility ID: GR003 - GST @ BACK OF MAIN PLANT

Category: Finished Water Storage

Attachment Comments: GST @ BACK OF MAIN PLANT: 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. GR003 is directly connected to drainage, and does not have the necessary air gap to prevent cross-contamination.



Attachment #2

Severity: Minor

Facility ID: GR002 - GST @ FRONT OF MAIN PLANT

Category: Finished Water Storage

Attachment Comments: GST @ FRONT OF MAIN PLANT: 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 of the GR002 does not terminate 1 - 2feet above the drain.



Attachment #3

Severity: Minor

Facility ID: 1043001-002 - WELL @ HWY 492 AND HWY 71

Category: Source

Attachment Comments: 1043001-002 WELL @ HWY 492 AND HWY 71: The well is not equipped with a means of measuring flow at a point where positive pressure is maintained. A means of measuring flow must be provided.



Attachment #4

Severity: Minor

Facility ID: 1043001-003 - WELL #3 @ MAIN PLANT

Category: Source

Attachment Comments: WELL #3 @ MAIN PLANT: The well's pressure gauge is broken. The wells discharge piping must be equipped with a working pressure gauge.



Attachment #5

Severity: Recommendation

Facility ID: TP002 - TREATMENT PLANT

Category: Treatment

Attachment Comments: TP002: 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 5258

September 4, 2019

Gerald Hamilton
TOWN of COLFAX
PO Box 310
Colfax, LA 71417

Re: Class I Sanitary Survey
TOWN of COLFAX Public Water System
PWS ID LA1043002
GRANT Parish

Dear Mr. Hamilton:

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 TOWN of COLFAX (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
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
11/28/2016	02/07/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-EST @ MAIN PLANT
Comments: Elevated storage tank needs overflow piping installed					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	02/07/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: Records for daily and monthly chlorine residual testing must be kept in an organized and accessible manner for no less than 10 years.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	02/07/2017	Sanitary Survey, Finished	Minor	Treatment	TP002-TREATMENT PLANT @ WEBB SMITH ROAD
Comments: Switches must be in good operating condition as well as the lights and fans which they control.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/26/2013	12/07/2013	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-EST @ MAIN PLANT
Comments: The tank overflow piping terminates near the top of the elevated tank. The overflow shall be brought down to an elevation between 12 and 24 inches above the ground surface and discharge over a drainage inlet structure or a splash pad.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	SE1440 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. Currently there are tree limbs that could facilitate unauthorized entry at TP002 (Treatment Plant Webb Smith Rd), and there are holes due to erosion at TP006 (Treatment Plant at Lutsville), see Attachments 1 and 2.
FACILITY	CATEGORY	FINDINGS
1043002-002 - WELL #1 @ FAIRFIELD SITE	Source	1043002-002 [WELL #1 @ FAIRFIELD SITE (NORTH WELL)] - There shall be no pathway for contamination into the well casing and/or discharge

(NORTH WELL)		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 is leakage at the well casing during operation, and a crack in the slab that needs to be addressed. 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 Attachments 3, 4, and 5.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Colorimeters: No records were available at the time of the survey. 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
GR003 - GST @ LUTSVILLE SITE	Finished Water Storage	GR003 (GST @ LUTSVILLE) 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 screen needs to replaced, see Attachment 6.
FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT PLANT @ WEBB SMITH ROAD	Treatment	TP002 (TREATMENT PLANT @ WEBB SMITH ROAD) - 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 7.
FACILITY	CATEGORY	FINDINGS
TP006 - TREATMENT PLANT @ LUTSVILLE	Treatment	Zinc Orthophosphate and Caustic Soda: 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 8 and 9

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

correct 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 @ WEBB SMITH ROAD	Treatment	The chlorine gas cylinders are not properly secured individually. Full and empty cylinders of chlorine gas must be restrained in position at all times to prevent upset. Full cylinders must be restrained individually to prevent a single cylinder falling causing the other full cylinders to fall. Properly secure all chlorine gas cylinders, see Attachment 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 – 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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
B1804130-003	Routine	9/10/2018		0.820	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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: Significant

Facility ID: TP002 (Treatment Plant Webb Smith Rd).

Category: Security

Attachment Comments: There are tree limbs that could facilitate unauthorized entry at TP002 (Treatment Plant Webb Smith Rd).



Attachment #2

Severity: Significant

Facility ID: TP006 (Treatment Plant at Lutsville)

Category: Security

Attachment Comments: There are holes due to erosion at TP006 (Treatment Plant at Lutsville)



Attachment #3

Severity: Significant

Facility ID: 1043002-002 - WELL #1 @ FAIRFIELD SITE (NORTH WELL)

Category: Source

Attachment Comments: There is leakage at the well casing during operation



Attachment #4

Severity: Significant

Facility ID: 1043002-002 - WELL #1 @ FAIRFIELD SITE (NORTH WELL)

Category: Source

Attachment Comments: There is leakage at the well casing during operation



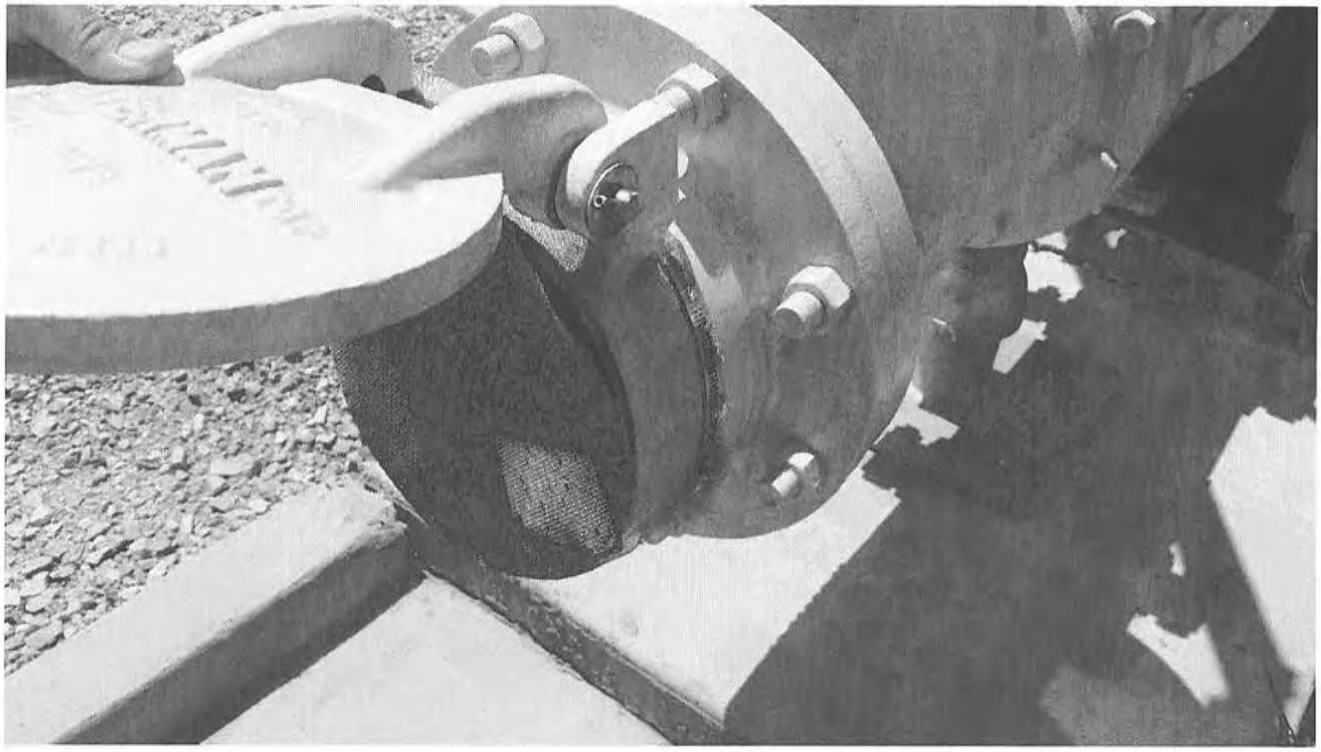
Attachment #5

Severity: Significant

Facility ID: 1043002-002 - WELL #1 @ FAIRFIELD SITE (NORTH WELL)

Category: Source

Attachment Comments: There is crack in the slab.



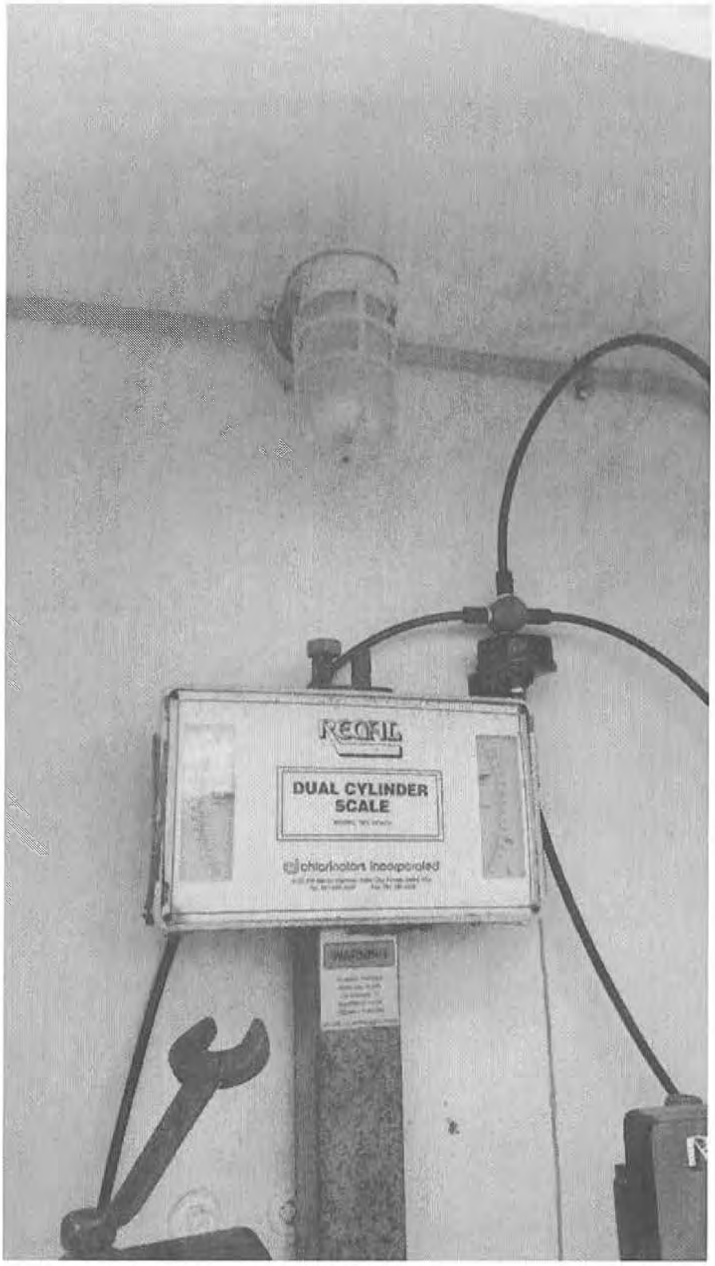
Attachment #6

Severity: Minor

Facility ID: GR003 - GST @ LUTSVILLE SITE

Category: Finished Water Storage

Attachment Comments: The screen needs to replaced.



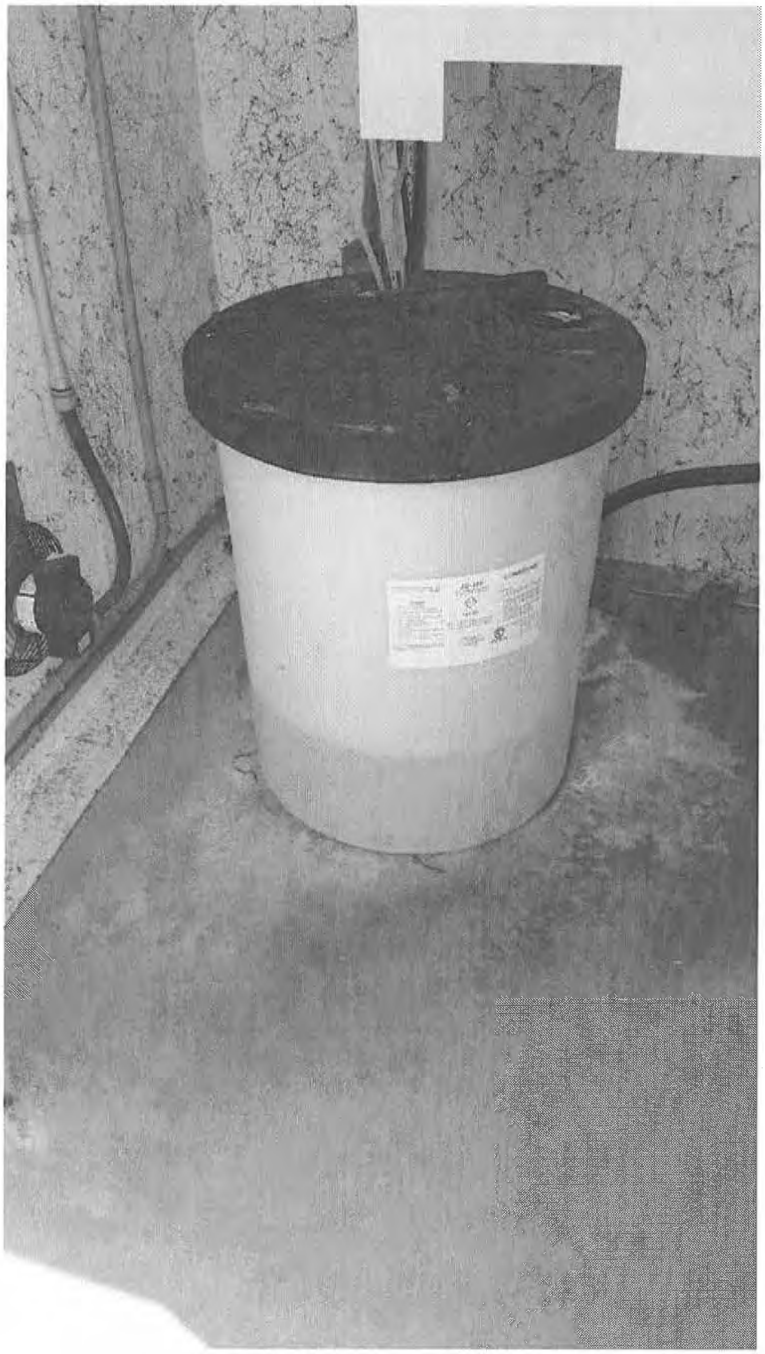
Attachment #7

Severity: Minor

Facility ID: GR003 - GST @ LUTSVILLE SITE

Category: Treatment

Attachment Comments: The light is currently not operational, either the bulb is burned or there is an electrical issue



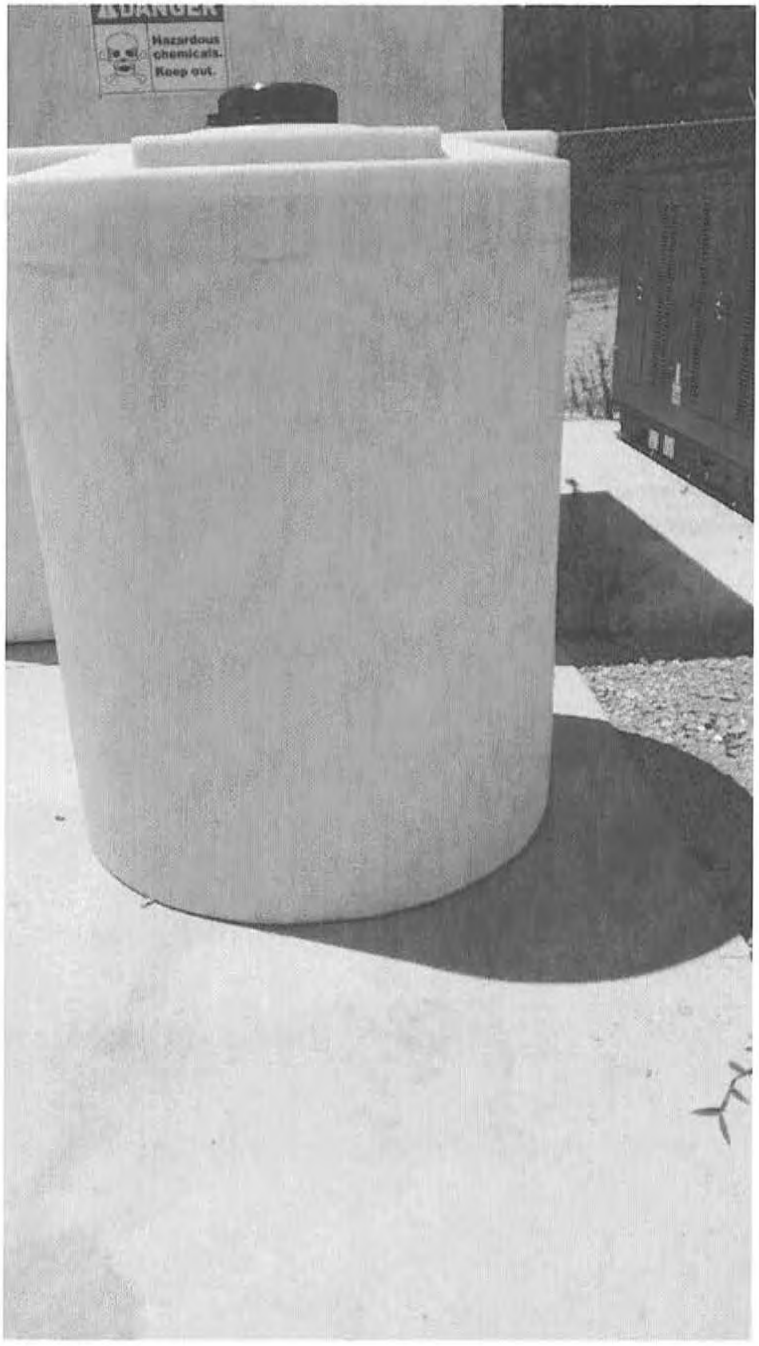
Attachment #8

Severity: Minor

Facility ID: TP006 - TREATMENT PLANT @ LUTSVILLE

Category: Treatment

Attachment Comments: There is no secondary containment provided for the liquid chemical being used for water treatment.



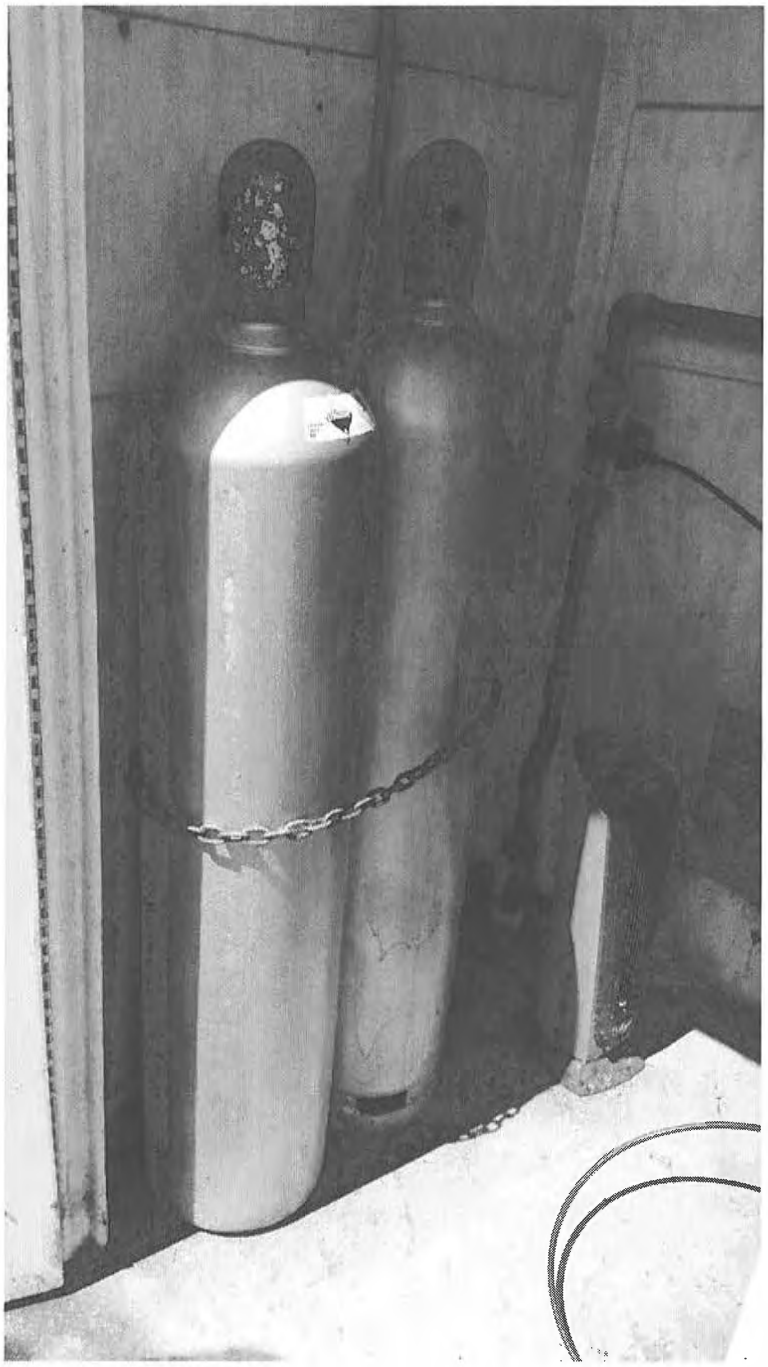
Attachment #9

Severity: Minor

Facility ID: TP006 - TREATMENT PLANT @ LUTSVILLE

Category: Treatment

Attachment Comments: There is no secondary containment provided for the liquid chemical being used for water treatment.



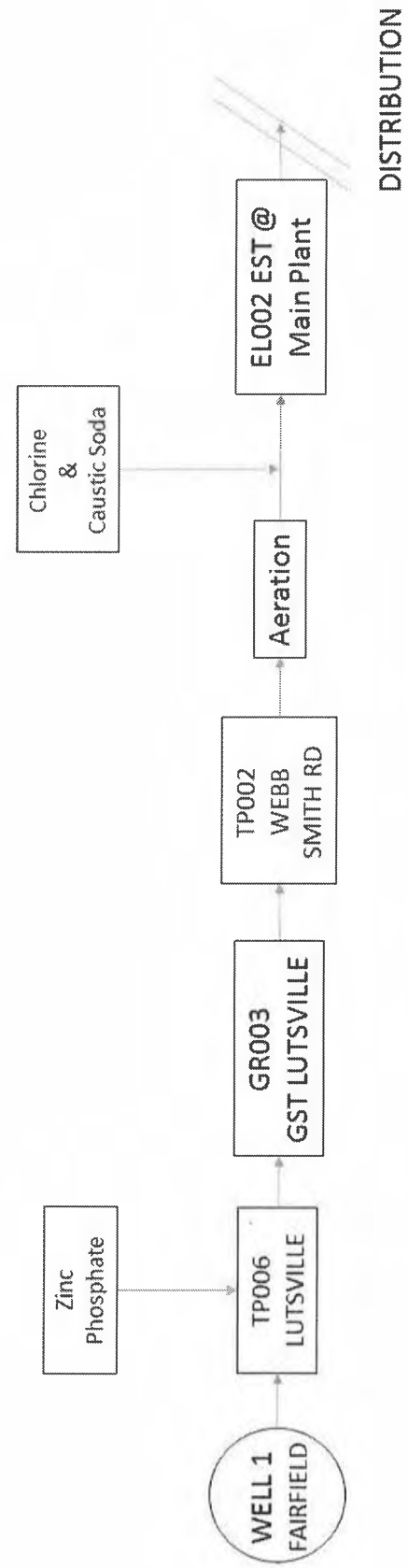
Attachment #10

Severity: Recommendation

Facility ID: TP002 - TREATMENT PLANT @ WEBB SMITH ROAD

Category: Treatment

Attachment Comments: The chlorine gas cylinders are not properly secured individually.



Town of Colfax (LA1043002)
Flow Diagram

Town of Colfax (LA 1043002)

7.1 Financial Question Set

PWS Name	
PWS ID	Date

1. Are individual customers charged for water usage either through a metered or flat rate?

   Metered

2. Has the system raised water rates in the past five years?

   Yes

3. Is the water system's income sufficient to cover all operating costs?

   Yes

4. Does the water system have an annual operating budget?

   NO

5. Is there a reserve fund to draw upon for emergencies and major equipment replacement in regard to the water system?

   No

6. Does the water system have an annual capital improvements budget?

   No

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)?

   NO

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?

   NO

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.

Page 120 of 120

2019 Water Rates

In-Town	-	**$20.81/1st 2,000 gallons** **$3.64/per thousand gallons after 2,000**
Out-of-Town	-	**$23.93/1st 2,000 gallons** **$3.64/per thousand gallons after 2,000**
Commercial	-	**$29.13/1st 5,000 gallons** **$3.64/per thousand gallons after 5,000**

*Effective Next Billing Cycle

Similarly, as provided by Resolution an annual CPI adjustment to the Town's Base rate and Commodity Charge for **sewer** service shall be applied. The Resolution also provides that the user charge shall be automatically adjusted each year whenever the CPI changes for the preceding calendar year.

Therefore, the following changes to the Sewer Base Rates and Consumption Charges are to be implemented: Safe water drinking Fee $1.00 per month

2018 Sewer Rates (Previous)

In-Town	-	$12.25 $3.06/per thousand gallons

2019 Sewer Rates

In-Town	-	**$12.48** **$3.12/per thousand gallons**

*Effective Next Billing Cycle

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 6897

December 5, 2019

Derrick S Davis
VILLAGE of DRY PRONG WATER SYSTEM,

Re: Class I Sanitary Survey
VILLAGE of DRY PRONG WATER SYSTEM Public Water System
PWS ID LA1043003
GRANT Parish

Dear Mr. Davis:

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 VILLAGE of DRY PRONG 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
Christopher Busby	Village Of Dry Prong

NOTICE OF VIOLATIONS

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

The following list 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 water system facilities must be located inside of a continuous, climb-resistant fence that is at least six feet in height. At Wells 3 and 4 there is a fence that needs maintenance, 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. 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	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	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
GR002 - GROUND AT WELL 5	Finished Water Storage	GR002 GROUND AT WELL 5: 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
TP004 - TREATMENT PLANT @ ELEVATED TANK	Treatment	TP004 TREATMENT PLANT @ ELEVATED TANK: The injector pump is not secured, but resting on the chemical container. The injector pump should be secured to prevent equipment failure and ensure continuous and proper dosing of chemical. See **Attachment 3.**
FACILITY	CATEGORY	FINDINGS
TP004 - TREATMENT PLANT @ ELEVATED TANK	Treatment	TP004 TREATMENT PLANT @ ELEVATED TANK: 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 4.**
FACILITY	CATEGORY	FINDINGS
1043003-002 - WELL 3 CITY HALL WELL	Source	1043003-002 WELL 3 CITY HALL WELL: 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. See **Attachment 5.**
FACILITY	CATEGORY	FINDINGS
1043003-003 - WELL 4	Source	1043003-003 WELL 4: 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. See **Attachment 6.**

FACILITY	CATEGORY	FINDINGS
1043003-004 - WELL 5	Source	1043009-004 WELL 5: 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. See **Attachment 7**.
FACILITY	CATEGORY	FINDINGS
1043003-004 - WELL 5	Source	1043009-004 WELL 5: The well discharge piping is not equipped with a working flow measuring device or pressure gauge. A pressure gauge and a means for measuring flow must be provided. Install a device used 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 **Attachment 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
DS0950 - DISTRIBUTION SYSTEM	Distribution System	DISTRIBUTION SYSTEM: Some of the pumps 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. See **Attachment 9**.
FACILITY	CATEGORY	FINDINGS
TP004 - TREATMENT PLANT @ ELEVATED TANK	Treatment	TP004 - TREATMENT PLANT @ ELEVATED TANK: Chlorine cylinders were restrained with a single chain. It is recommended to restrain each cylinder individually to prevent upset, with either a single device with multiple fastening points, or multiple restraining devices. See **Attachment 10**.

FACILITY	CATEGORY	FINDINGS
TP004 - TREATMENT PLANT @ ELEVATED TANK	Treatment	TP004 TREATMENT PLANT @ ELEVATED TANK: No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized. See **Attachment 11**.

Written Response Required

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:

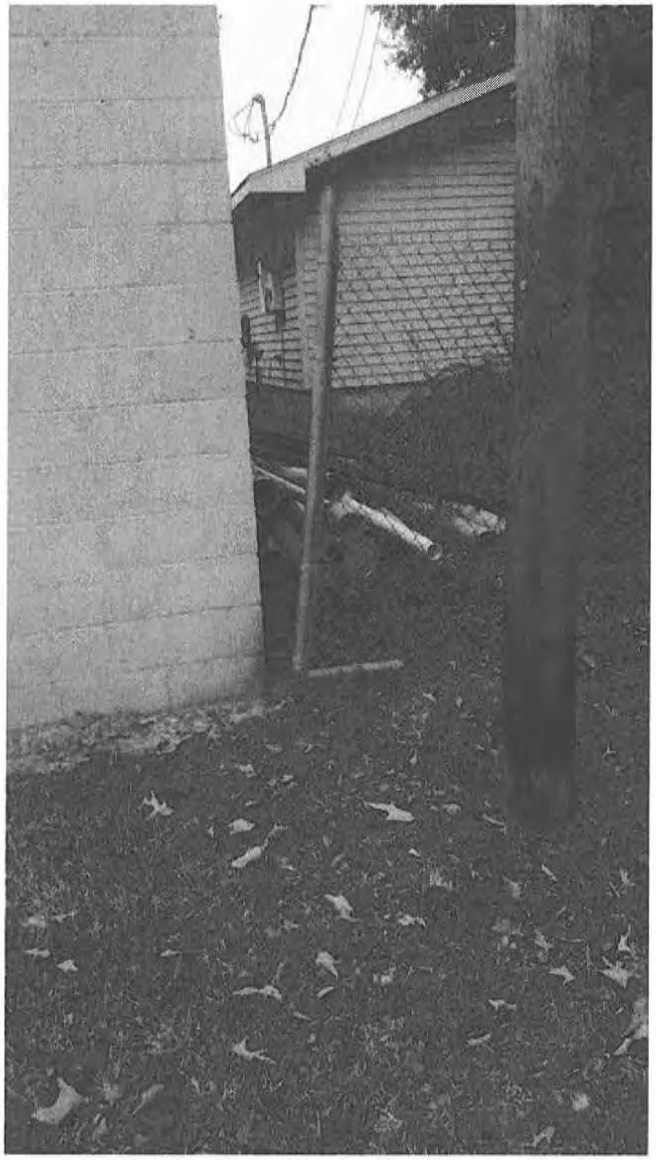
Respectfully,

William Charlot

William Charlot,

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

ATTACHMENTS



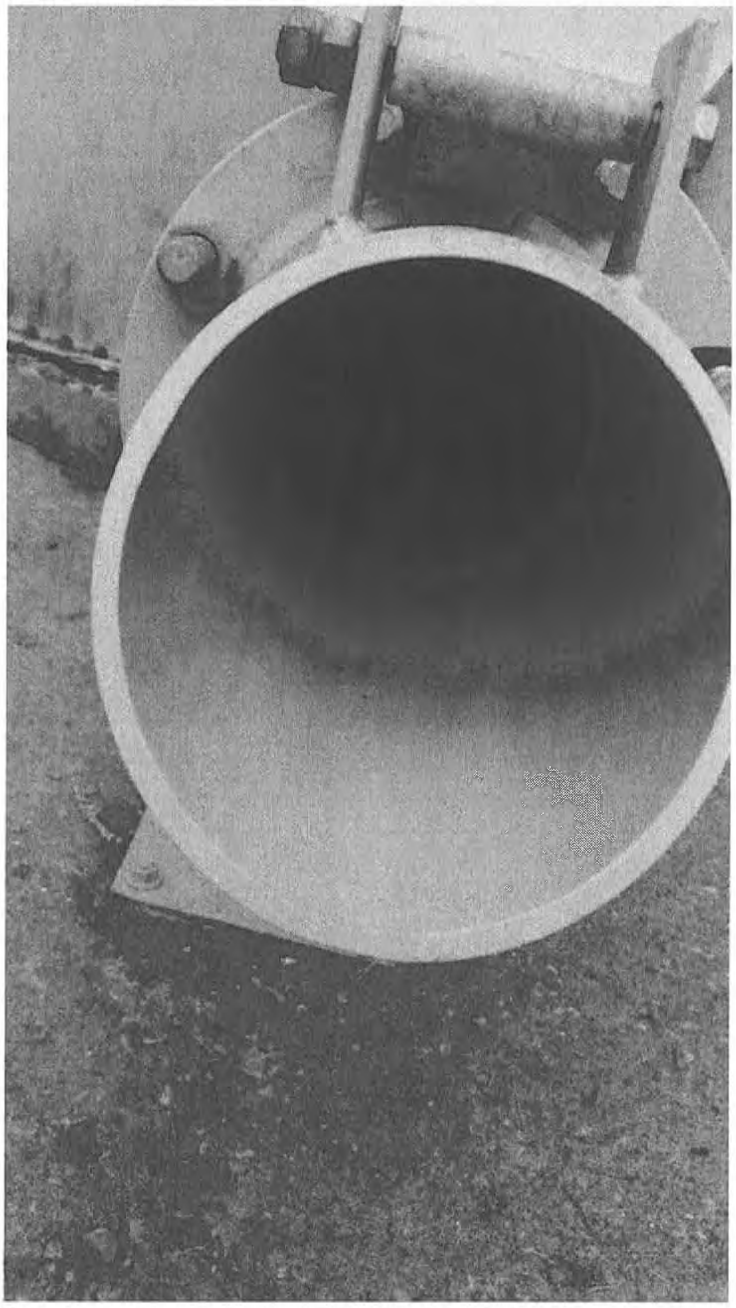
Attachment #1

Severity: Significant

Facility ID: Management

Category: Security

Attachment Comments: The water system facilities must be located inside of a continuous, climb-resistant fence that is at least six feet in height. At Wells 3 and 4 there is a fence that needs maintenance.



Attachment #2

Severity: Minor

Facility ID: GR002 - GROUND AT WELL 5

Category: Finished Water Storage

Attachment Comments: GR002 GROUND AT WELL 5: 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.



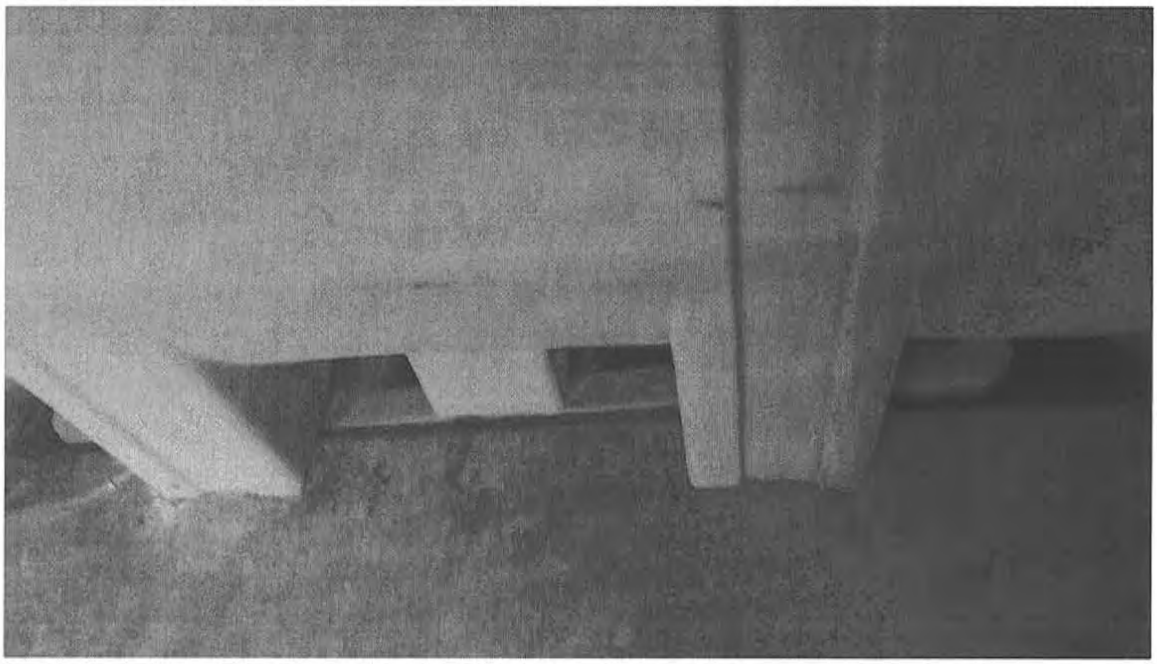
Attachment #3

Severity: Minor

Facility ID: TP004 - TREATMENT PLANT @ ELEVATED TANK

Category: Treatment

Attachment Comments: TP004 TREATMENT PLANT @ ELEVATED TANK: The injector pump is not secured, but resting on the chemical container. The injector pump should be secured to prevent equipment failure and ensure continuous and proper dosing of chemical.



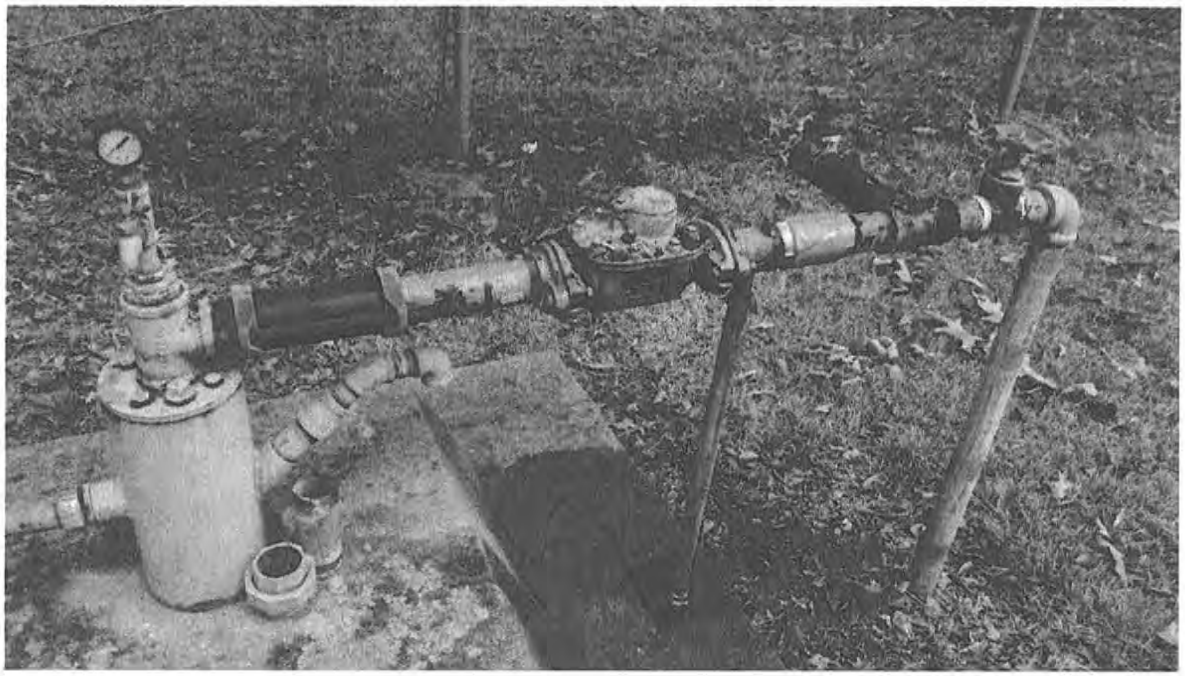
Attachment #4

Severity: Minor

Facility ID: TP004 - TREATMENT PLANT @ ELEVATED TANK

Category: Treatment

Attachment Comments: TP004 TREATMENT PLANT @ ELEVATED TANK: 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.



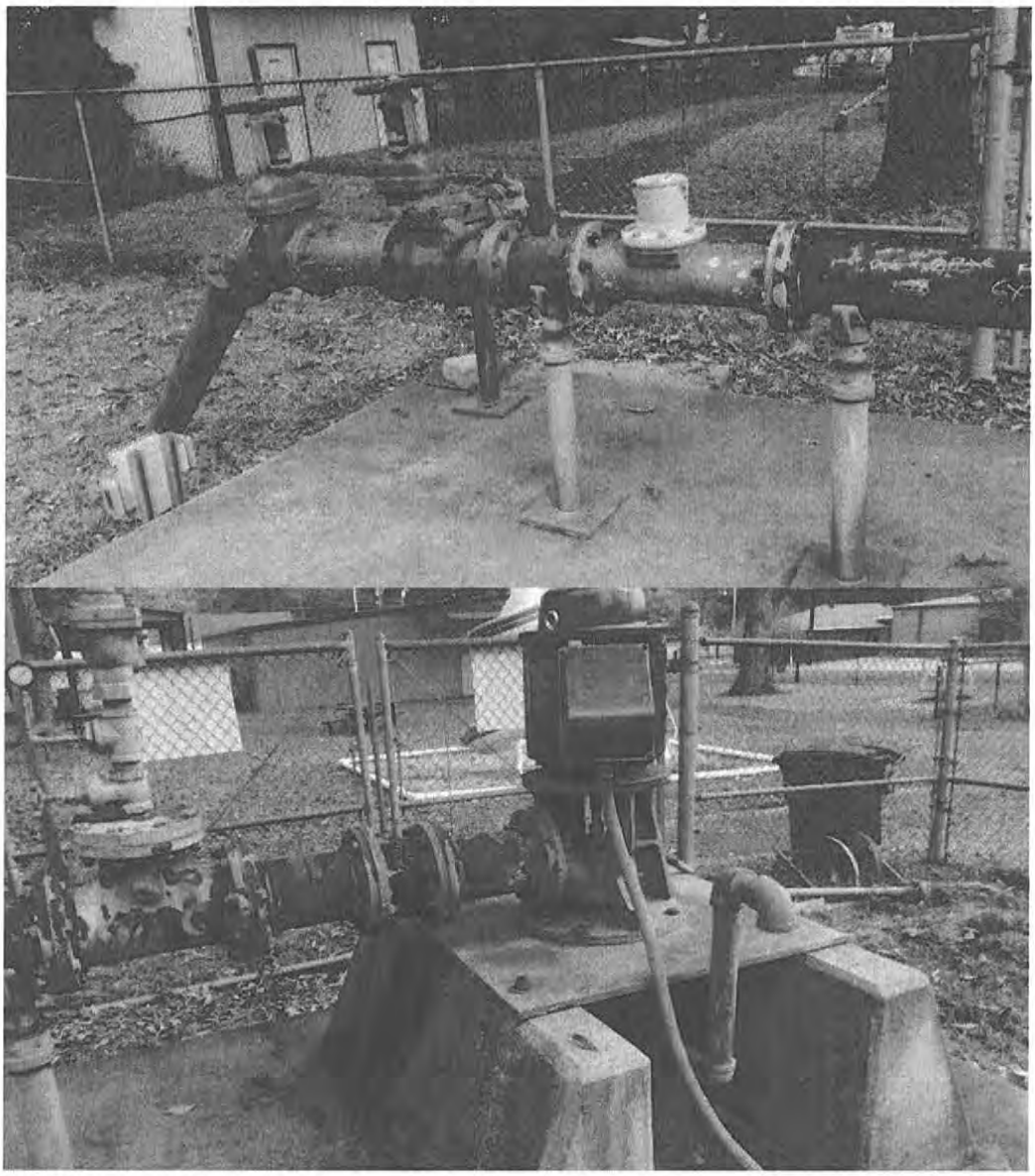
Attachment #5

Severity: Minor

Facility ID: 1043003-002 - WELL 3 CITY HALL WELL

Category: Source

Attachment Comments: 1043003-002 WELL 3 CITY HALL WELL: 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.



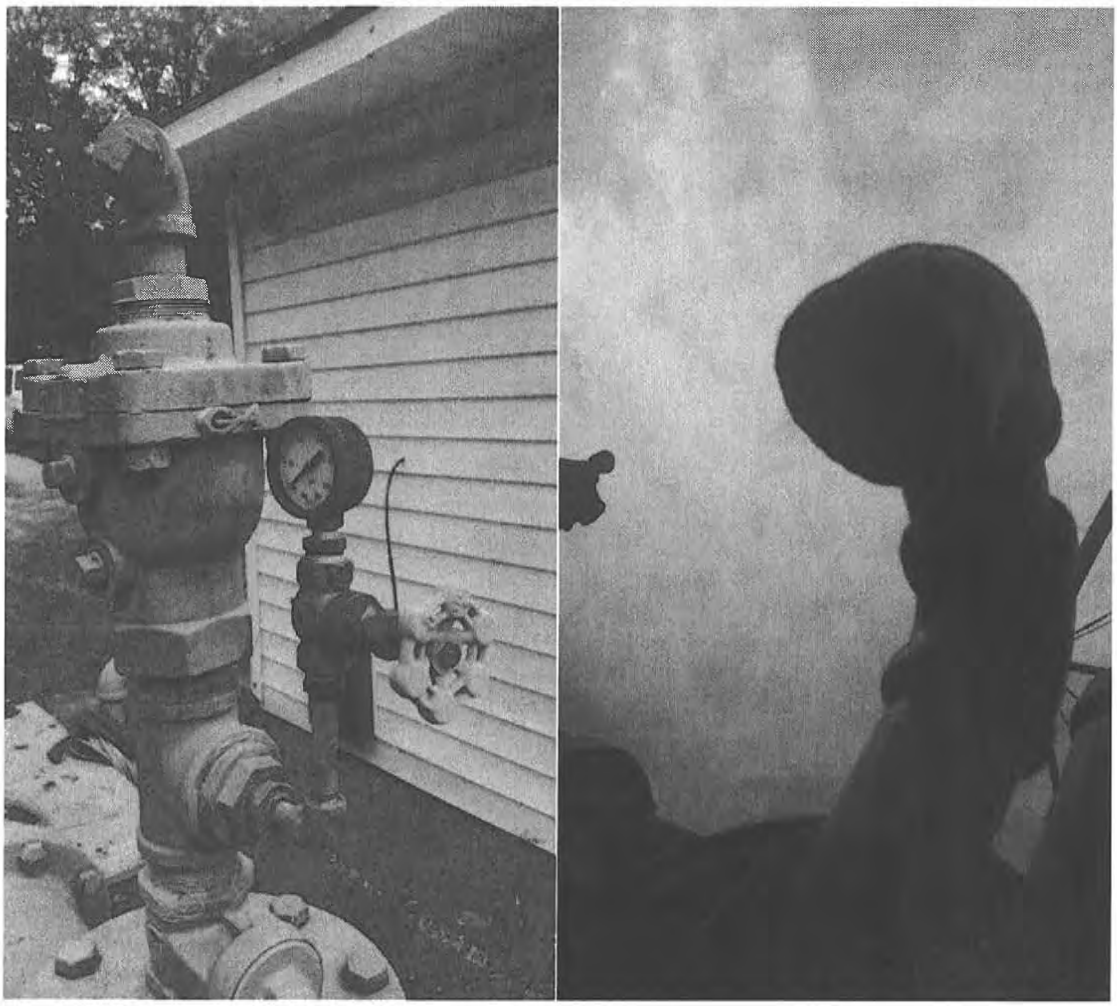
Attachment #6

Severity: Minor

Facility ID: 1043003-003 - WELL 4

Category: Source

Attachment Comments: 1043003-003 WELL 4: 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.



Attachment #7

Severity: Minor

Facility ID: 1043003-004 - WELL 5

Category: Source

Attachment Comments: 1043009-004 WELL 5: 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.



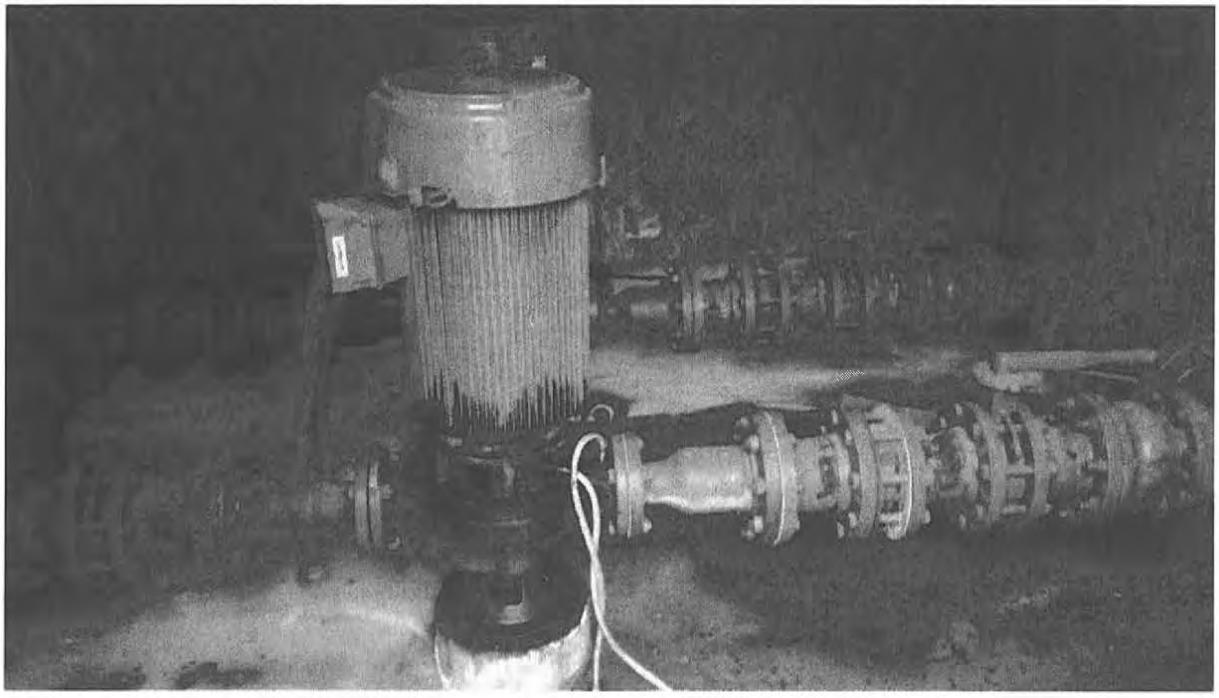
Attachment #8

Severity: Minor

Facility ID: 1043003-004 - WELL 5

Category: Source

Attachment Comments: 1043009-004 WELL 5: The well discharge piping is not equipped with a working flow measuring device or pressure gauge. A pressure gauge and a means for measuring flow must be provided. Install a device used 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.



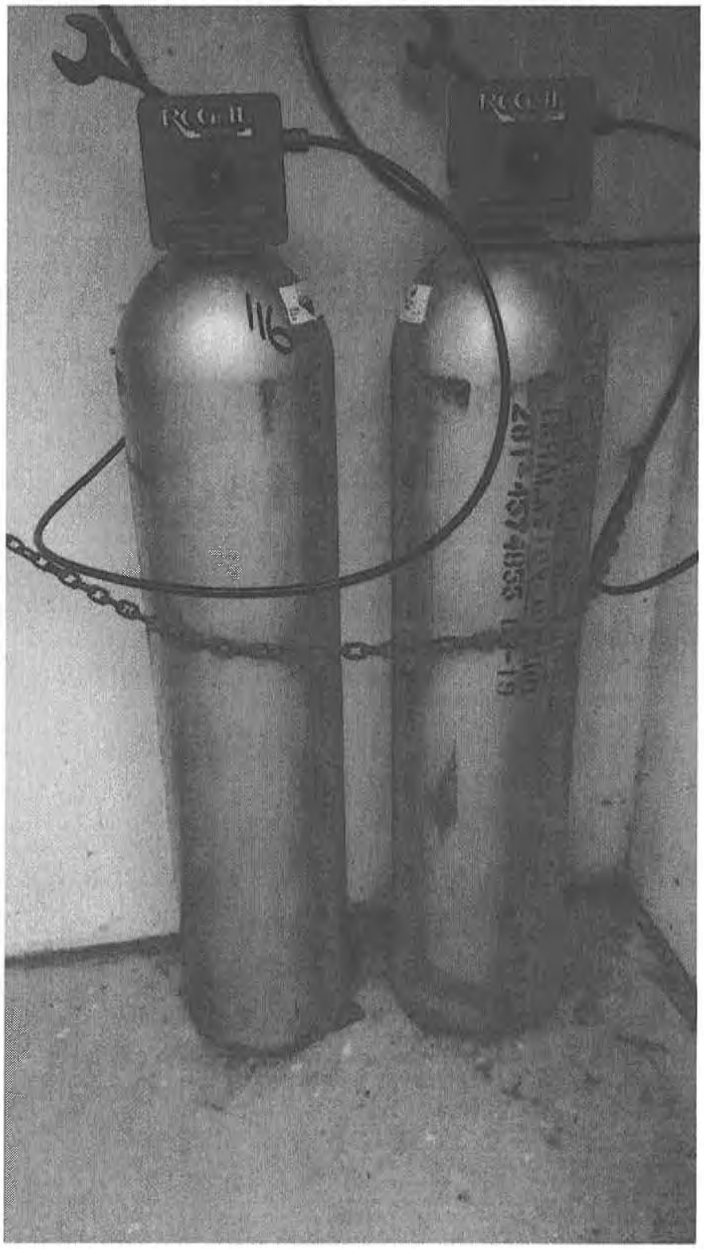
Attachment #9

Severity: Recommendation

Facility ID: DS0950 - DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: DISTRIBUTION SYSTEM: Some of the pumps 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.



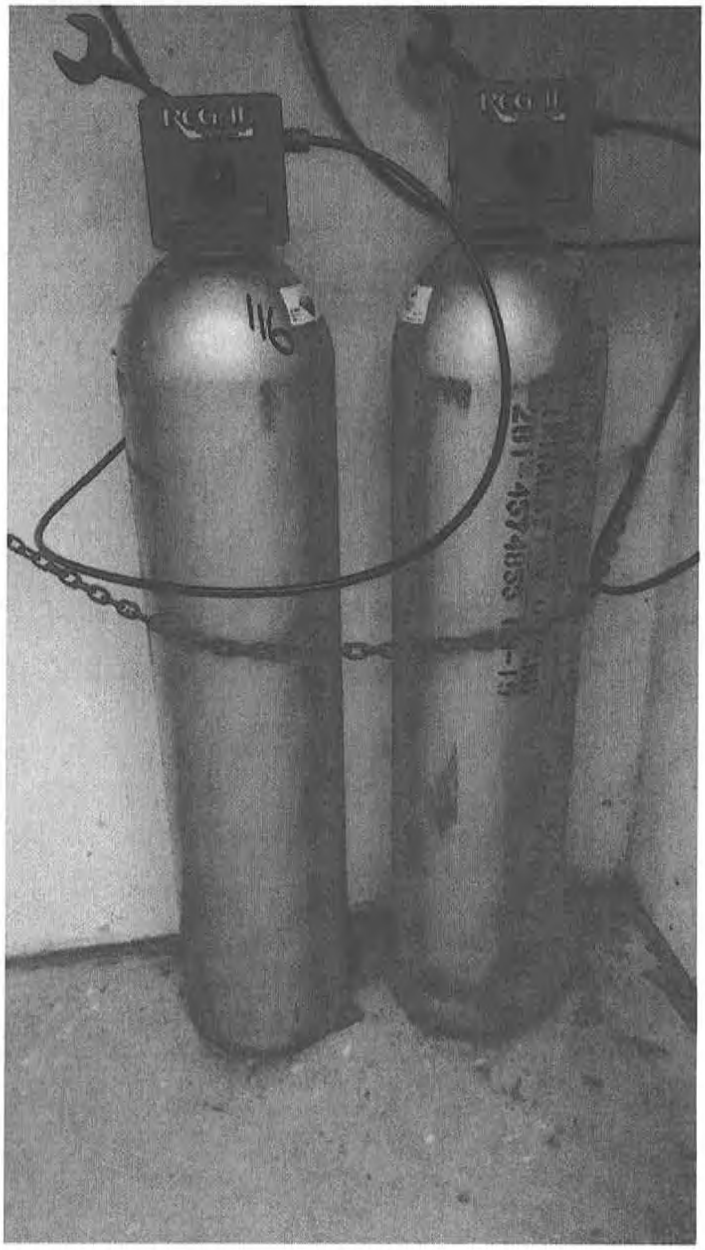
Attachment #10

Severity: Recommendation

Facility ID: TP004 - TREATMENT PLANT @ ELEVATED TANK

Category: Treatment

Attachment Comments: TP004 - TREATMENT PLANT @ ELEVATED TANK: Chlorine cylinders were restrained with a single chain. It is recommended to restrain each cylinder individually to prevent upset, with either a single device with multiple fastening points, or multiple restraining devices.



Attachment #11

Severity: Recommendation

Facility ID: TP004 - TREATMENT PLANT @ ELEVATED TANK

Category: Treatment

Attachment Comments: TP004 TREATMENT PLANT @ ELEVATED TANK: No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.

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 5234

July 23, 2019

Stephen L Gunn
TOWN OF MONTGOMERY WATER SYSTEM
PO Box 99
Montgomery, LA 71454

Re: Class I Sanitary Survey
TOWN of MONTGOMERY WATER SYSTEM Public Water System
PWS ID LA1043005
GRANT Parish

Mr. Gunn:

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 TOWN OF MONTGOMERY WATER SYSTEM (LA1043005). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Dewayne Dubois	Town Of Montgomery

NOTICE OF VIOLATIONS

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

The following list 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	Visit Date	Notify Date	Visit Date	Notify Date
01/11/2012	04/27/2012	Formal Enforcement	Significant	Operator Compliance with State Requirements	Management

Comments: This water system is required to have at least one operator with a Class 2 Certification in Water Production, Water Distribution, and Water Treatment.
As of July 2, 2019, it was noted the water system had not complied with the Operator Certification Requirements. The water system must be employ or contract with 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	02/06/2017	Sanitary Survey, Finished	Significant	Security	Management

Comments: Fence should be free of all brush and in a well maintained condition.

Visit Date	Notify Date	Reason	Severity	Category	Facility
01/11/2012	04/27/2012	Formal Enforcement	Significant	Operator Compliance with State Requirements	Management

Comments: This water system is required to have at least one operator with a Class 2 Certification in Water Production, Water Distribution, and Water Treatment.

Visit Date	Notify Date	Reason	Severity	Category	Facility
01/11/2012	04/27/2012	Formal Enforcement	Significant	Treatment	TP001-TREATMENT PLANT

Comments: There are no scales for the chlorine cylinders. Scales are to be used to determine the amount of chlorine remaining in the cylinders.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	02/06/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GROUND 1

Comments: Splash pads must be installed at all overflow piping on ground storage tanks to prevent erosion.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	02/06/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GROUND 1

Comments: Overflow piping on a storage tank must be screened or gated in a way that prevents animals and contaminants from entering while allowing water to flow out.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	02/06/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR002-GROUND 2

Comments: A splash pad must be installed at all overflow outlets to prevent erosion.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	02/06/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR002-GROUND 2
Comments: Overflow piping must be gated or screened in such a way that prevents the introduction of contaminants but also allows the outflow of water					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	02/06/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR003-GROUND 3
Comments: Splash pads must be installed at overflow piping to prevent erosion.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	02/06/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR003-GROUND 3
Comments: Overflow piping must be gated or screened in such a way to prevent contamination while also allowing the outflow of water.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	02/06/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: All required chlorine measurements must be recorded and kept on file for no less than 10 years.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	02/06/2017	Sanitary Survey, Finished	Minor	Source	1043005-005-WELL 5 KAIDASH
Comments: Missing pressure gauge					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	02/06/2017	Sanitary Survey, Finished	Minor	Source	1043005-006-WELL 6 KAIDASH
Comments: Pressure gauge missing					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	02/06/2017	Sanitary Survey, Finished	Minor	Source	1043005-009-BRYANT NORTH WELL
Comments: Erosion beneath the slab needs to be repaired in such a way to prevent future erosion. The flush valve should also be repaired.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	02/06/2017	Sanitary Survey, Finished	Minor	Source	1043005-010-BRYANT SOUTH WELL
Comments: Vent must be screened.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	02/06/2017	Sanitary Survey, Finished	Minor	Source	1043005-010-BRYANT SOUTH WELL
Comments: Flow meter should be present on all wells.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	02/06/2017	Sanitary Survey, Finished	Minor	Source	1043005-010-BRYANT SOUTH WELL
Comments: Erosion beneath slab should be repaired in such a way to prevent future erosion.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	The protective fencing around the Kaidash Well sites are in need of repair and/or replacement. A fence, capable of being locked, must be constructed around all aspects of the public water supply. A continuous fence, capable of being locked, must be constructed to prevent trespassing, vandalism, and sabotage of the water system facilities. Furthermore, there are large breaks in sections of the fence near the ground at the Bryant North and South Wells. The fences have significant erosion at the well sites creating gaps in the fence that need to be corrected.
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
1043005-005 - WELL 5 KAIDASH	Source	DeWayne DuBois informed that Well 5 Kaidash is currently down due to a mechanical issue, possibly the impeller, but this is shown as inactive in SDWIS. If this well is planned to be used as an emergency well, appropriate samples must be done.
FACILITY	CATEGORY	FINDINGS
1043005-009 - BRYANT NORTH WELL	Source	The ground beneath the concrete slab located at the Bryant North Well is showing signs of erosion, and must be protected from further erosion to ensure no damage to the discharge piping occurs. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The piping within the treatment plant showed signs of corrosion. The piping must be cleaned, repaired if needed, and painted to prevent potential failure. **See Attachment #3**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The water system did not have a record of validations for the chlorine analyzer to confirm accuracy. The chlorine analyzer must be properly validated at least once every 90 days. Records of the validations must be kept for at least 3 years. Per LAC 51:XII.1109.A, the accuracy of bench top spectrophotometers/colorimeters used for disinfectant residual monitoring 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. Deviations of 10 percent or more shall be cause for calibration of the equipment.
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND 3	Finished Water Storage	Ground Storage Tank overflows are required to be facing downward, 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, and shall have a 24mesh non-corrodible screen to prevent the entrance of birds, insects, dust or other contaminating material. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND 2	Finished Water Storage	Ground Storage Tank overflows are required to be facing downward, 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, and shall have a 24mesh non-corrodible screen to prevent the entrance of birds, insects, dust or other contaminating material.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND 1	Finished Water Storage	Ground Storage Tank overflows are required to be facing downward, 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, and shall have a 24mesh non-corrodible screen to prevent the entrance of birds, insects, dust or other contaminating material.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	The Chlorine gas room needs to be appropriately ventilated with a fan that can be operated from the outside. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	There is no secondary containment provided for the liquid polyphosphate being used for water treatment. Secondary containment prevents spillage or accidental drainage of chemicals due to equipment and primary containment failure. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
1043005-010 - BRYANT SOUTH WELL	Source	The ground beneath the concrete slab located at the Bryant South Well is showing signs of erosion, and must be protected from further erosion to ensure no damage to the discharge piping occurs.

FACILITY	CATEGORY	FINDINGS
1043005-006 - WELL 6 KAIDASH	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.

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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1807095-005		12/6/2018		0.030	
S1806887-002	Routine	12/4/2018		0.000	0.050
S1804719-002	Routine	8/13/2018		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
6003340	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:

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

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: BRYANT NORTH WELL

Category: Source

Attachment Comments: The ground beneath the concrete slab located at the Bryant North Well is showing signs of erosion, and must be protected from further erosion to ensure no damage to the discharge piping occurs.



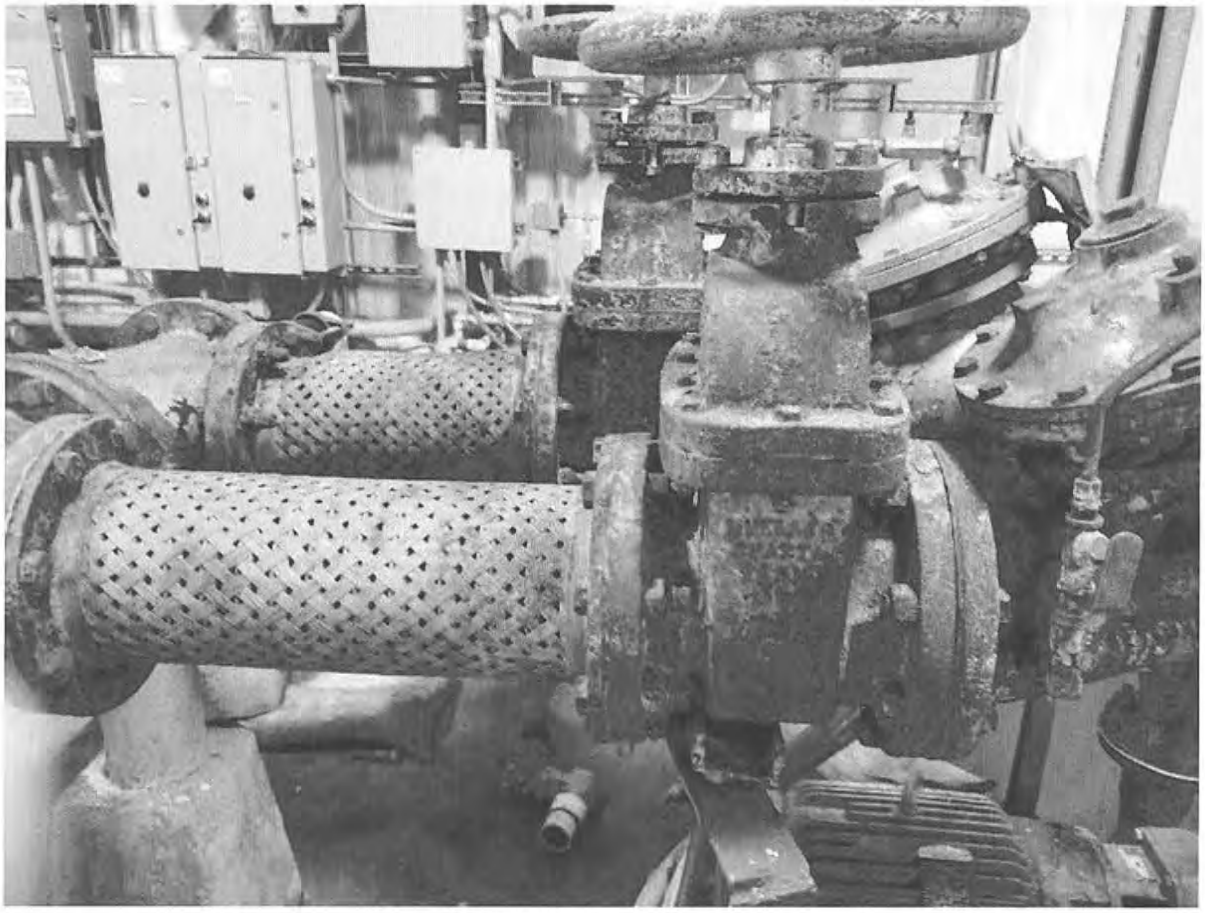
Attachment #2

Severity: Minor

Facility ID: GROUND 3

Category: Finished Water Storage

Attachment Comments: Ground Storage Tank overflows are required to be facing downward, 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, and shall have a 24mesh non-corrodible screen to prevent the entrance of birds, insects, dust or other contaminating material.



Attachment #3

Severity: Recommendations

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: The water pipes at the treatment plant are showing signs of wear and are in need of maintenance to prevent leaks and further corrosion.



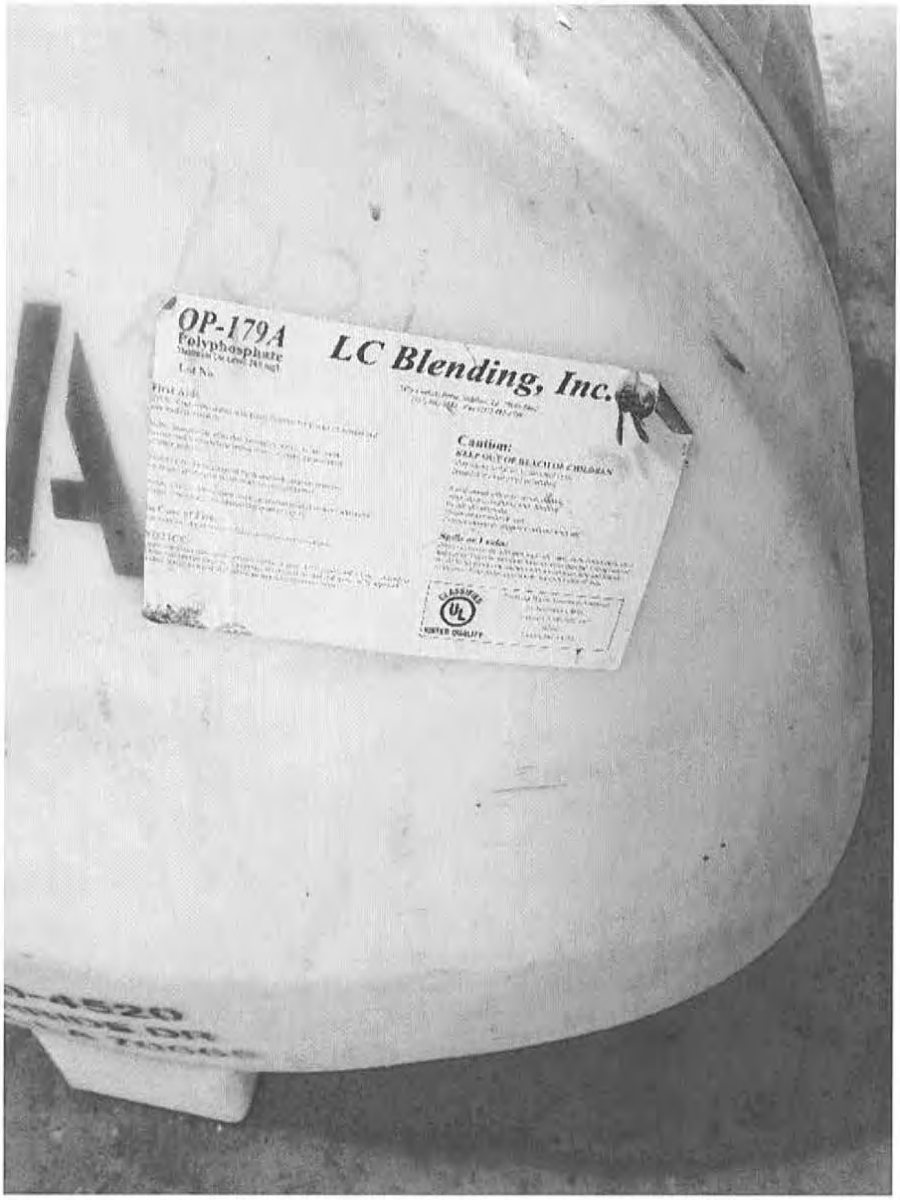
Attachment #4

Severity: Minor

Facility ID: TREATMENT PLANT

Category: Treatment

Attachment Comments: The Chlorine gas room needs to be appropriately ventilated with a fan that can be operated from the outside.



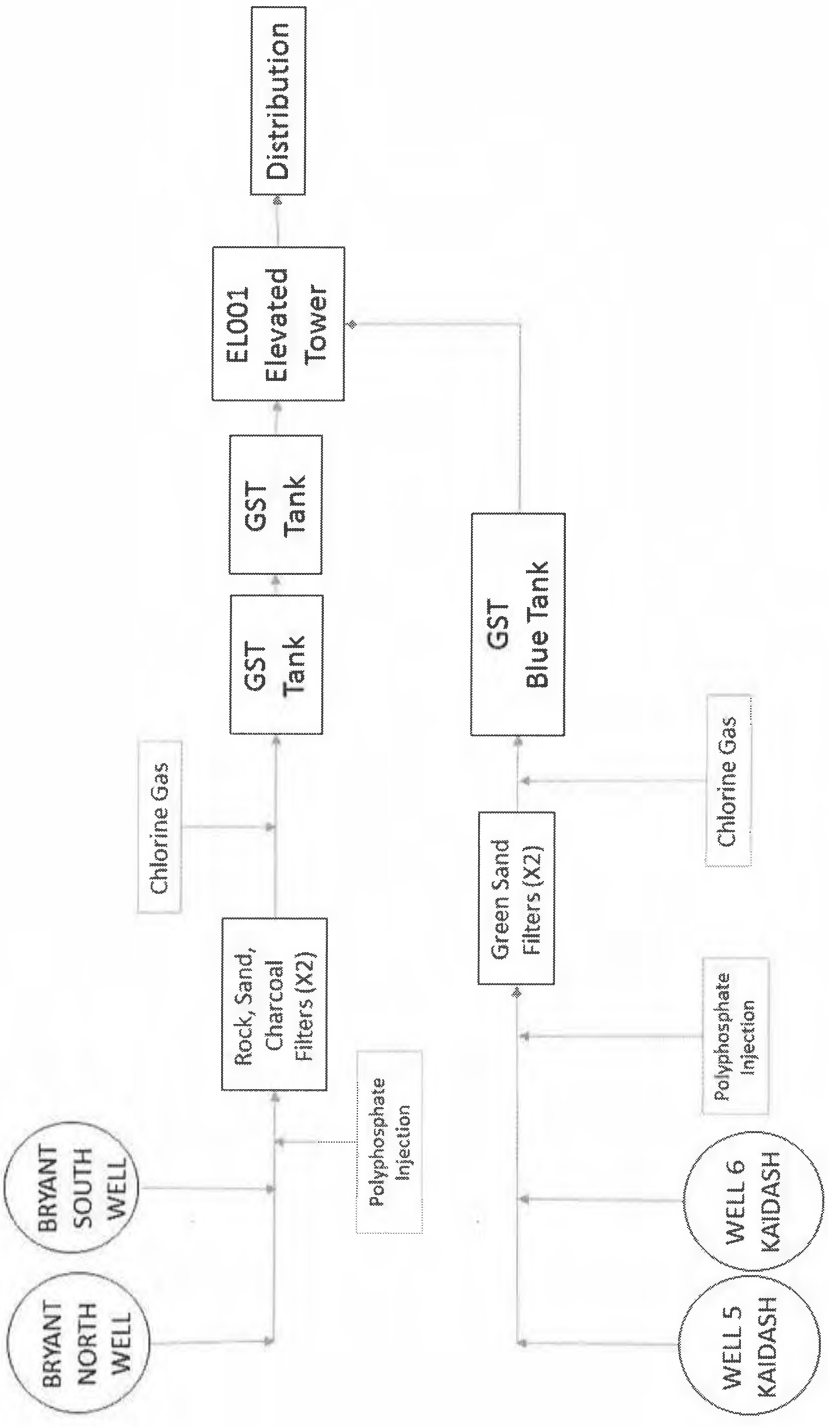
Attachment #5

Severity: Minor

Facility ID: TREATMENT PLANT

Category: Treatment

Attachment Comments: There is no secondary containment provided for the liquid polyphosphate being used for water treatment. Secondary containment prevents spillage or accidental drainage of chemicals due to equipment and primary containment failure.



Town of Montgomery PWS (LA1043005) Flow Diagram

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 5180

May 7, 2019

Jerome Scott
TOWN of POLLOCK WATER SYSTEM
3911 Hwy 8 W
Pollock, LA 71467-0189

Re: Class I Sanitary Survey
TOWN of POLLOCK WATER SYSTEM Public Water System
PWS ID LA1043007
GRANT Parish

Dear Mr. Scott:

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 TOWN of POLLOCK 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
James Barrett Dezendorf	Town Of Pollock Water System
Kim Dezendorf	Town Of Pollock 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
GR002 - GROUND AT INDUSTRIAL PARK	Finished Water Storage	GR002 has an overflow that needs to be 2ft above the concrete surface. **See Attachment #11**

Deficiencies

FACILITY	CATEGORY	FINDINGS
PF001 - PUMPS IN TOWN	Pump/pumping facility and control	TP001 in Town: Piping showing signs of corrosion at the Treatment Plant in need maintenance **See Attachment #13**
FACILITY	CATEGORY	FINDINGS
EL002 - ELEVATED AT INDUSTRIAL PARK	Finished Water Storage	EL002 250KGAL: The screen is damaged and needs to replaced with number four mesh, non-corrodible screen. **See Attachment #10**
FACILITY	CATEGORY	FINDINGS
EL003 - ELEVATED AT HWY 8	Finished Water Storage	EL003 150KGAL: The screen is damaged and needs to be replaced with number four mesh, non-corrodible screen. **See Attachment #9**
FACILITY	CATEGORY	FINDINGS
EL004 - ELEVATED AT PRISON	Finished Water Storage	EL004 750KGAL: The screen is damaged and needs to be replaced with number four mesh, non-corrodible screen. **See Attachment #8**
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND IN TOWN NEW	Finished Water Storage	GR003 the overflow does not open downward **See Attachment #12**

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT @ TOWN	Treatment	TP001 in Town: Chemical storage needs some sort of secondary containment to prevent accidental drainage. **See Attachment #14**
FACILITY	CATEGORY	FINDINGS
1043007-001 - WELL 1 @ TOWN TREATMENT PLANT	Source	Well 1 @ Treatment Plant: Piping showing signs of corrosion and is in need of Maintenance
FACILITY	CATEGORY	FINDINGS
1043007-004 - WELL 1 NEAL ROAD	Source	Well 1 Neal Road: Piping showing signs of corrosion and is in need of Maintenance **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1043007-002 - WELL 2 HILL WELL IN TOWN	Source	Well 2 Hill Well in town: Piping showing signs of corrosion and is in need of Maintenance **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1043007-006 - WELL 3 HOOPER ROAD	Source	Well 3 Hooper Road: Piping showing signs of corrosion and is in need of Maintenance **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
1043007-003 - WELL 3 IN TOWN	Source	Well 3 in Town: Piping showing signs of corrosion and is in need of Maintenance **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1043007-007 - WELL 4 HOOPER ROAD	Source	Well 4 Hooper Road: Piping showing signs of corrosion and is in need of Maintenance **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
1043007-008 - WELL 5 AIRBASE ROAD	Source	Well 5 Airbase Road: Piping showing signs of corrosion and is in need of Maintenance **See Attachment #6**
FACILITY	CATEGORY	FINDINGS
1043007-009 - WELL 6 AIRBASE ROAD	Source	Well 6 Airbase Road: Piping showing signs of corrosion and is in need of Maintenance **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
TP010 - TREATMENT PLANT @ AIRBASE ROAD	Treatment	Industrial Park Water Plant Booster Station: Chlorine Cylinders need to be chained individually **See Attachment #15**

Written Response Required

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

Violation Number	Violation Date	Violation Type	Compliance Period
6004331	02/05/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	01/01/2019 - 01/31/2019
6004329	10/04/2018	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 .

Respectfully,

William Charlot

William Charlot,

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 2 HILL WELL IN TOWN

Category: Source

Attachment Comments: Well 2 Hill Well in town: Piping showing signs of corrosion and is in need of Maintenance



Attachment #2

Severity: Minor

Facility ID: WELL 3 IN TOWN

Category: Source

Attachment Comments: Well 3 in Town: Piping showing signs of corrosion and is in need of Maintenance



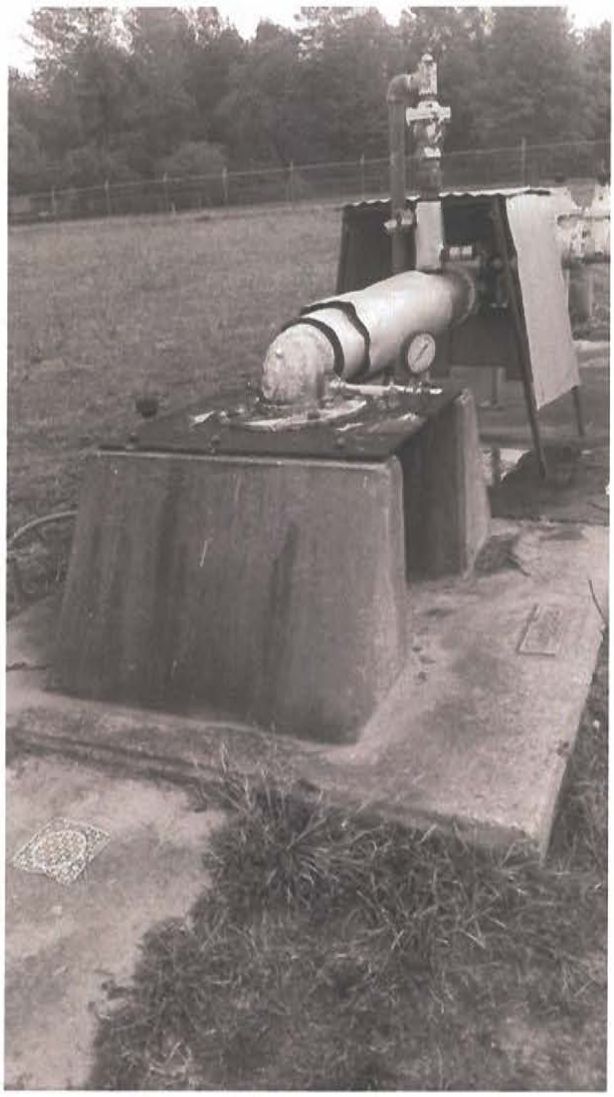
Attachment #3

Severity: Minor

Facility ID: WELL 1 NEAL ROAD

Category: Source

Attachment Comments: Well 1 Neal Road: Piping showing signs of corrosion and is in need of Maintenance



Attachment #4

Severity: Minor

Facility ID: WELL 3 HOOPER ROAD

Category: Source

Attachment Comments: Well 3 Hooper Road: Piping showing signs of corrosion and is in need of Maintenance



Attachment #5

Severity: Minor

Facility ID: WELL 4 HOOPER ROAD

Category: Source

Attachment Comments: Well 4 Hooper Road: Piping showing signs of corrosion and is in need of Maintenance



Attachment #6

Severity: Minor

Facility ID: WELL 5 AIRBASE ROAD

Category: Source

Attachment Comments: Well 5 Airbase Road: Piping showing signs of corrosion and is in need of Maintenance



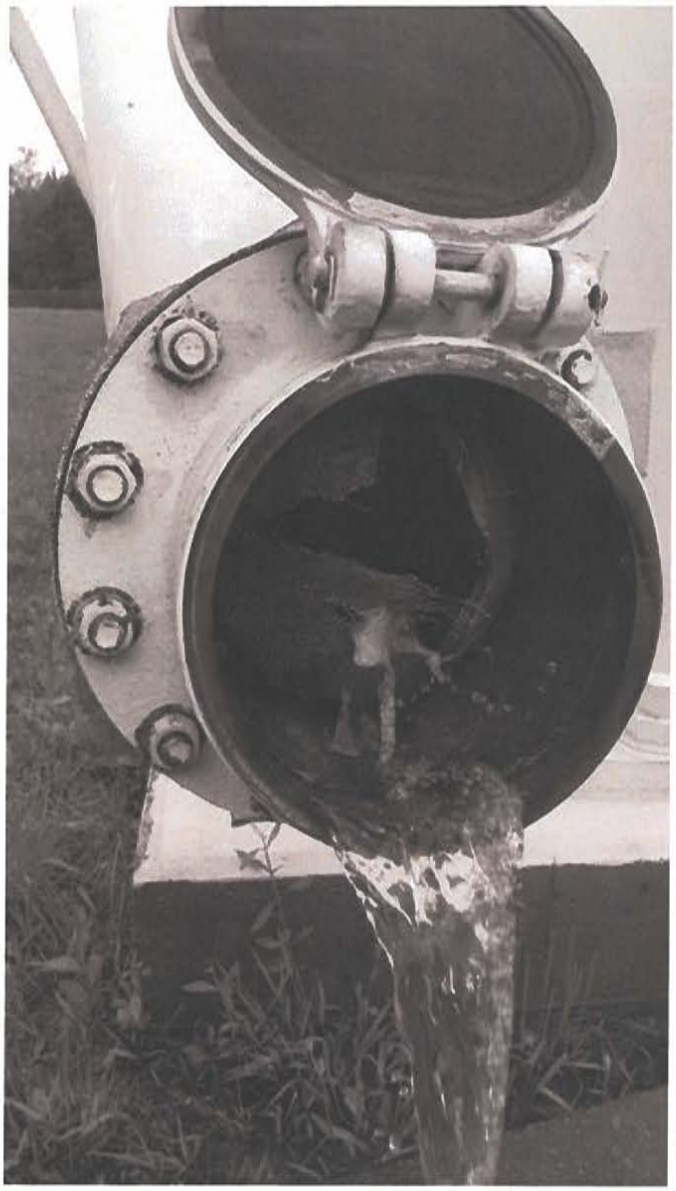
Attachment #7

Severity: Minor

Facility ID: WELL 6 AIRBASE ROAD

Category: Source

Attachment Comments: Well 6 Airbase Road: Piping showing signs of corrosion and is in need of Maintenance



Attachment #8

Severity: Minor

Facility ID: ELEVATED AT PRISON

Category: Finished Water Storage

Attachment Comments: EL004 750KGAL: The screen is damaged and needs to be replaced with number four mesh, non-corrodible screen.



Attachment #9

Severity: Minor

Facility ID: ELEVATED AT HWY 8

Category: Finished Water Storage

Attachment Comments: EL003 150KGAL: The screen is damaged and needs to be replaced with number four mesh, non-corrodible screen.



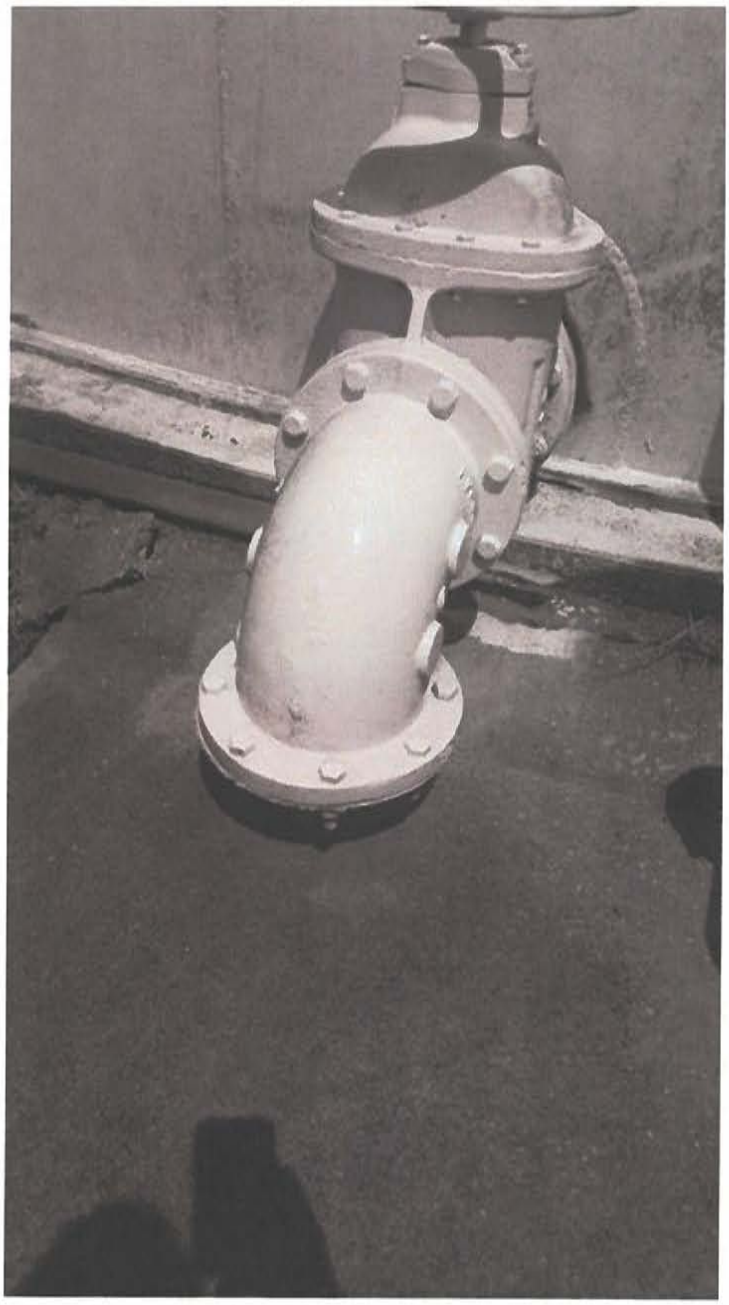
Attachment #10

Severity: Minor

Facility ID: ELEVATED AT INDUSTRIAL PARK

Category: Finished Water Storage

Attachment Comments: EL002 250KGAL: The screen is damaged and needs to be replaced with number four mesh, non-corrodible screen.



Attachment #11

Severity: Significant

Facility ID: GROUND AT INDUSTRIAL PARK

Category: Finished Water Storage

Attachment Comments: GR002 has an overflow that needs to be 1-2ft above the concrete surface.



Attachment #12

Severity: Minor

Facility ID: GROUND IN TOWN NEW

Category: Finished Water Storage

Attachment Comments: GR003 the overflow does not open downward



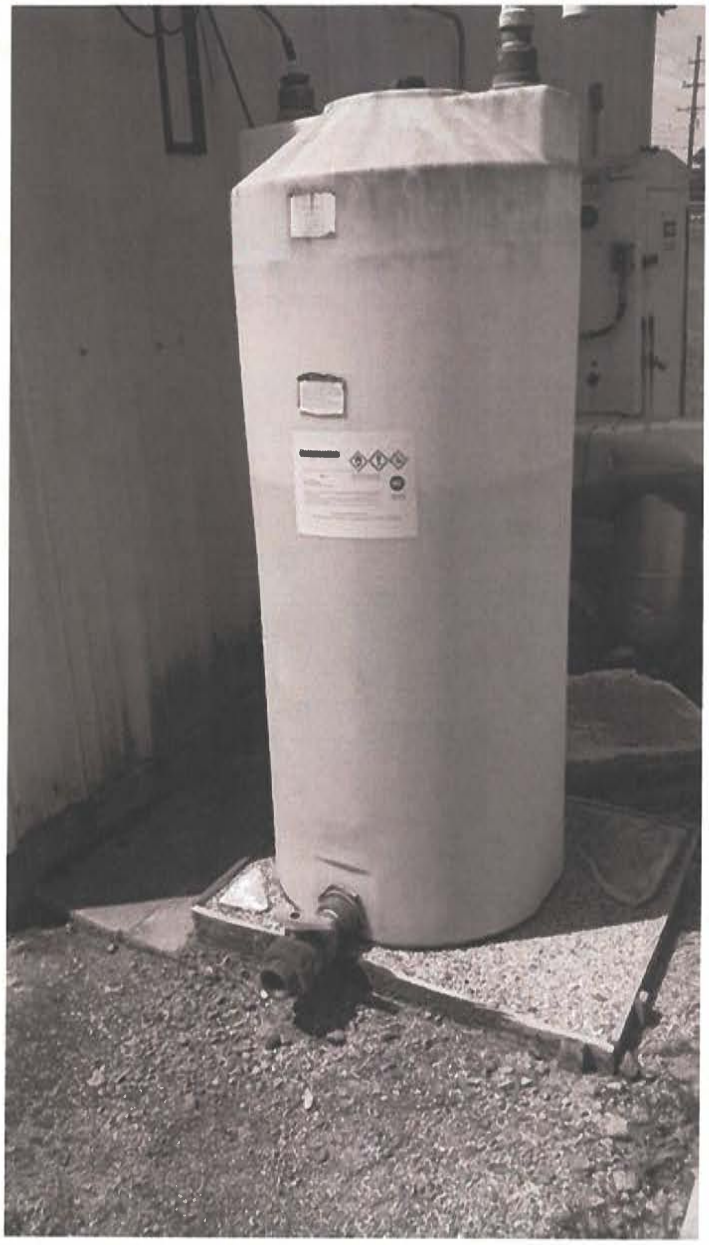
Attachment #13

Severity: Minor

Facility ID: PUMPS IN TOWN

Category: Pump/pumping facility and control

Attachment Comments: TP001 in Town: Piping showing signs of corrosion at the Treatment Plant in need maintenance



Attachment #14

Severity: Minor

Facility ID: TREATMENT PLANT @ TOWN

Category: Treatment

Attachment Comments: TP001 in Town: Chemical storage needs some sort of secondary containment to prevent accidental drainage.



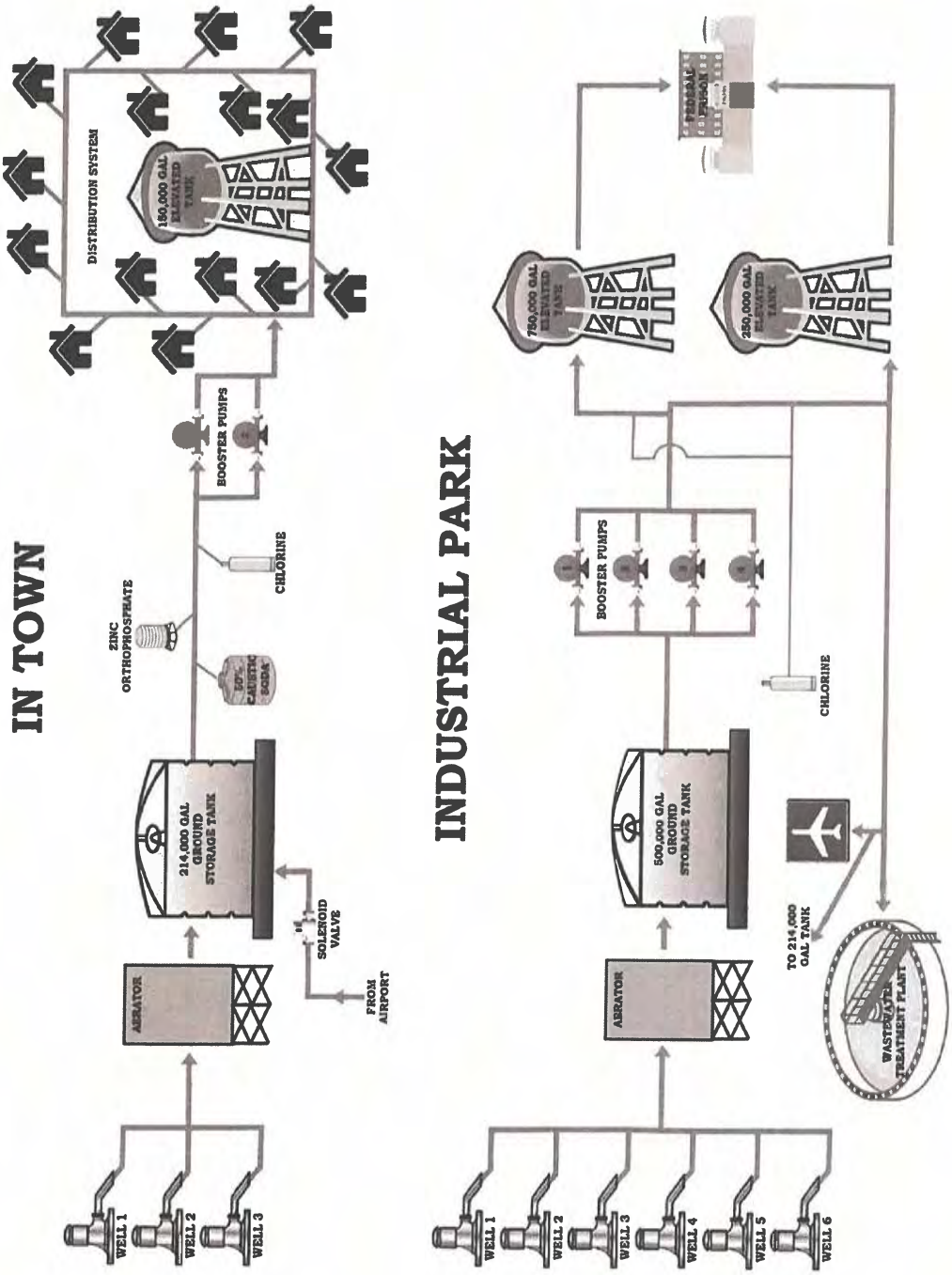
Attachment #15

Severity: Recommendations

Facility ID: TREATMENT PLANT @ AIRBASE ROAD

Category: Treatment

Attachment Comments: Industrial Park Water Plant Booster Station: Chlorine Cylinders need to be chained individually



Flow Diagram for Town of Pollock

7.1 Financial Question Set

01/31/2017

PWS Name:	Town of Pollock Water System, Inc.		
PWS ID:	LA1043007	Date:	4-9-19

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? NO
3. Is the water system's income sufficient to cover all operating costs? yes
4. Does the water system have an annual operating budget? NO
5. Is there a reserve fund to draw upon for emergencies and major equipment replacement in regard to the water system? yes
6. Does the water system have an annual capital improvements budget? NO
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? Somewhat
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.

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 5265

September 6, 2019

Bobby Dunn
CENTRAL GRANT WATER SYSTEM
1047 Landfill Road
Dry Prong, LA 71423

Re: Class I Sanitary Survey
CENTRAL GRANT WATER SYSTEM Public Water System
PWS ID LA1043013
GRANT Parish

Mr. Dunn:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 2, 2019 sanitary survey inspection of the public water supply system for CENTRAL GRANT 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
Jacob Hebert	Central Grant 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
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The water system needs to pass and institute the ordinance they have, then compile a customer listing 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
1043013-001 - WELL #1, FAIRFIELD ROAD	Source	There is damage to the screen on the well's vent line. The well's casing vent must be covered by a 24 mesh corrosion resistant screen, **see Attachment 1.**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	LAC 51:XII.367.D - 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. E-Mail copies of Reports #1-#3 for the preceding month by the 10th of the following month for the next 6months or as deemed necessary by the state health officer.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The Consumer Confidence Report for 2017 was missing at the time of the SNSV. Copies of public notices issued bust be kept for a minimum of three years after issuance.
FACILITY	CATEGORY	FINDINGS
GR001 - GST #1, FAIRFIELD	Finished Water Storage	The overflow pipe must be screened with 24 mesh non-corrodible screen. The current screen is damaged and needs replacement, **see Attachment 2.**
FACILITY	CATEGORY	FINDINGS
GR001 - GST #1, FAIRFIELD	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 current is not opening in a downward position, 12 to 24in over a drainage / splash pad, **see Attachment 3.**
FACILITY	CATEGORY	FINDINGS
GR002 - GST #2, NEWTON ROAD	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 current is not opening in a downward position, 12 to 24in over a drainage / splash pad, **see Attachment 4.**
FACILITY	CATEGORY	FINDINGS
GR003 - GST #3, OFFICE	Finished Water Storage	The overflow for the ground storage tank does not discharge 12 and 24in above the splash plate or drainage inlet structure, and needs to be facing downward, **see Attachment 5.**
FACILITY	CATEGORY	FINDINGS
EL001 - EST #1, FAIRFIELD	Finished Water Storage	The overflow pipe must be screened with Number 4 Mesh non-corrodible screen, **see Attachment 6.**
FACILITY	CATEGORY	FINDINGS
TP001 - TP #1, FAIRFIELD ROAD	Treatment	Liquid chemicals should be stored out of sunlight in a cool area and shall be vented outside, **see Attachment 7.**
FACILITY	CATEGORY	FINDINGS
TP002 - TP #2, NEWTON ROAD	Treatment	Liquid chemicals should be stored out of sunlight in a cool area and shall be vented outside, **see Attachment 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	Other	Backup / Standby power for the Water System is limited to the single Natural Gas Generator at the Fairfield location, which requires manual intervention to engage. The system should consider having multiple backup / standby power at the Office and the Newton locations

		that could maintain power to the sites during power interruption, and possibly having them have automatic instead of manual engagement.
FACILITY	CATEGORY	FINDINGS
Management	Other	Fairfield area has overgrowth along the fence line that should be cleared up, **see Attachment 9**.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	There is no dedicated Standby power available at the Office or the Newton locations.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The piping at the Fairfield and Newton Road locations are showing evidence of plant growth and corrosion, which could lead to a pathway for contamination. Maintenance should be performed, **see Attachment 10.**
FACILITY	CATEGORY	FINDINGS
GR002 - GST #2, NEWTON ROAD	Finished Water Storage	The ladder access at GR002 (GST#2 Newton Road) has the ladder access not restricted with either a locking plate or removing the ladder and storing it inside to help prevent unauthorized access, **see Attachment 11.**

Written Response Required

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

Violation Number	Violation Date	Violation Type	Compliance Period
6006448	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.

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: Significant

Facility ID: 1043013-001 - WELL #1, FAIRFIELD ROAD

Category: Source

Attachment Comments: There is damage to the screen on the well's vent line. The well's casing vent must be covered by a 24 mesh corrosion resistant screen.



Attachment #2

Severity: Minor

Facility ID: GR001 - GST #1, FAIRFIELD

Category: Finished Water Storage

Attachment Comments: The overflow pipe must be screened with 24 mesh non-corrodible screen. The current screen is damaged and needs replacement.



Attachment #3

Severity: Minor

Facility ID: GR001 - GST #1, FAIRFIELD

Category: Finished Water Storage

Attachment 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 current is not opening in a downward position, 12 to 24in over a drainage / splash pad, **see Attachment 3**.



Attachment #4

Severity: Minor

Facility ID: GR002 - GST #2, NEWTON ROAD

Category: Finished Water Storage

Attachment Comments: The overflow pipe must be screened with 24 mesh non-corrodible screen. The current screen is damaged and needs replacement.



Attachment #5

Severity: Minor

Facility ID: GR003 - GST #3, OFFICE

Category: Finished Water Storage

Attachment Comments: The overflow for the ground storage tank does not discharge 12 and 24in above the splash plate or drainage inlet structure, and needs to be facing downward.



Attachment #6

Severity: Minor

Facility ID: EL001 - EST #1, FAIRFIELD

Category: Finished Water Storage

Attachment Comments: The overflow pipe must be screened with Number 4 Mesh non-corrodible screen.



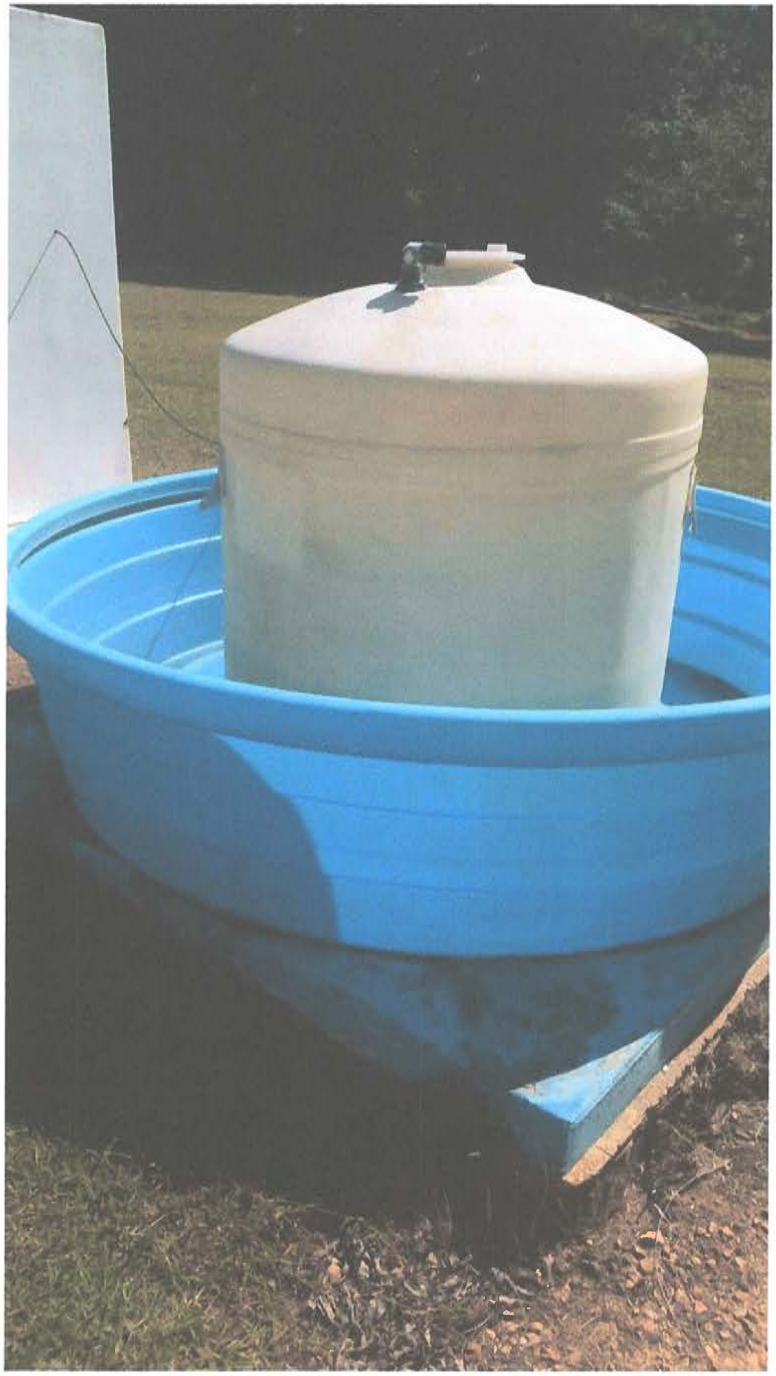
Attachment #7

Severity: Minor

Facility ID: TP001 - TP #1, FAIRFIELD ROAD

Category: Treatment

Attachment Comments: Liquid chemicals should be stored out of sunlight in a cool area and shall be vented outside.



Attachment #8

Severity: Minor

Facility ID: TP002 - TP #2, NEWTON ROAD

Category: Treatment

Attachment Comments: Liquid chemicals should be stored out of sunlight in a cool area and shall be vented outside.



Attachment #9

Severity: Recommendation

Facility ID: Management

Category: Other

Attachment Comments: Fairfield area has overgrowth along the fence line that should be cleared up.



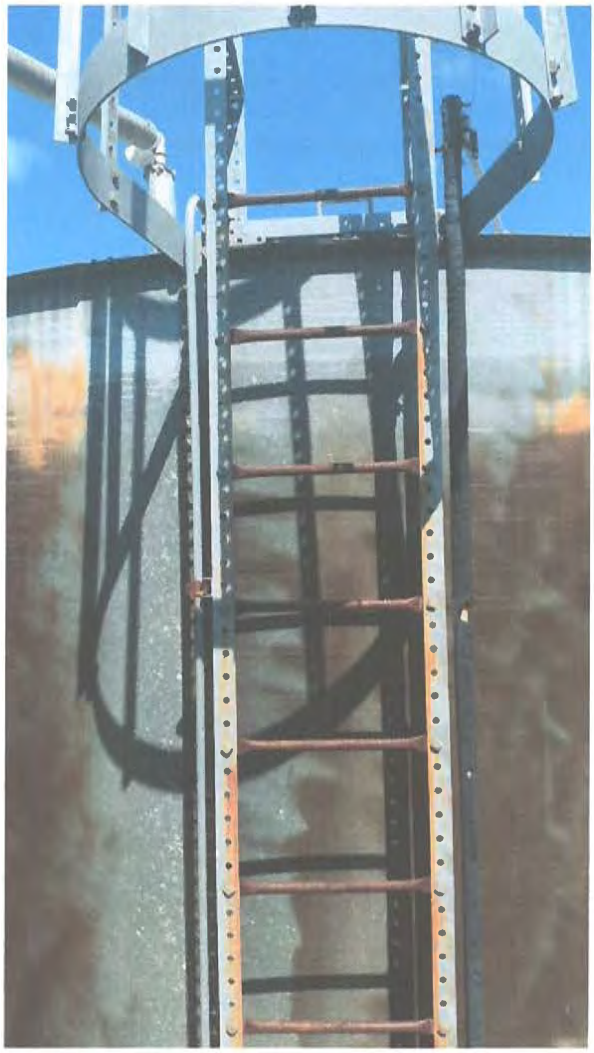
Attachment #10

Severity: Recommendation

Facility ID: DS0950 - DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: The piping at the Fairfield and Newton Road locations are showing evidence of plant growth and corrosion, which could lead to a pathway for contamination. Maintenance should be performed, see Attachment 10.



Attachment #11

Severity: Recommendation

Facility ID: GR002 - GST #2, NEWTON ROAD

Category: Finished Water Storage

Attachment Comments: The ladder access at GR002 (GST#2 Newton Road) has the ladder access not restricted with either a locking plate or removing the ladder and storing it inside to help prevent unauthorized access.

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

November 7, 2019

Selina Bryant
WEST GRANT WATER ASSOCIATION
2900 Hwy 122
Atlanta, LA 71404

Re: Class I Sanitary Survey
WEST GRANT WATER ASSOCIATION Public Water System
PWS ID LA1043014
GRANT Parish

Hello Ms. Bryant:

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 WEST GRANT 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
William Charlot	LDH-OPH Engineering Services
Will Lowery	West Grant 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
01/30/2013	01/30/2013	Formal Enforcement	Minor	Finished Water Storage	GR001-GST @ VERDA SITE
Comments: The overflow pipe of the ground tank at the Earl Station is to be brought down to the required height.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	There is no enforcement of the 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, and enforce the procedure.
FACILITY	CATEGORY	FINDINGS
1043014-001 - WELL #4 @ FIRE STATION	Source	1043014-001 WELL 4 FIRE STATION: 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 1.**

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

FACILITY	CATEGORY	FINDINGS
GR004 - GST @ NANTACHIE	Finished Water Storage	GR004 GST @ NANTACHIE / SUMMERFIELD - A: 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 tower that could comprise the structural integrity of the tower. **See Attachment 2.**
FACILITY	CATEGORY	FINDINGS
GR002 - GST @ DIXON SITE (NORTHWEST TANK)	Finished Water Storage	GR002 - GST @ DIXON SITE (NORTHWEST TANK) - B: 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 tower that could comprise the structural integrity of the tower. **See Attachment 3.**
FACILITY	CATEGORY	FINDINGS
GR003 - GST @ DIXON SITE (SOUTHEAST TANK)	Finished Water Storage	GR003 - GST @ DIXON SITE (SOUTHEAST TANK) - A: 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 tower that could comprise the structural integrity of the tower. **See Attachment 4.**
FACILITY	CATEGORY	FINDINGS
GR003 - GST @ DIXON SITE (SOUTHEAST TANK)	Finished Water Storage	GR003 - GST @ DIXON SITE (SOUTHEAST TANK) - A: Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. The Overflow pipe must discharge over a splash plate or drainage inlet structure to prevent erosion around the foundation of the GST that could comprise the structural integrity. **See Attachment 5.**
FACILITY	CATEGORY	FINDINGS
TP001 - TP @ DIXON SITE	Treatment	TP001 DIXON SITE: 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 nonoperational. Install separate switches outside of the chlorine room to control the lighting and ventilating fan. **See Attachment 6.**
FACILITY	CATEGORY	FINDINGS
TP006 - BOOSTER CHLORINATION @ NANTACHIE	Treatment	TP006 BOOSTER CHLORINATION @ NANTACHIE: The chlorine gas room must have separate switches for the fan and lights located outside of the chlorine room. The fan in the chlorine room is currently nonoperational. Install separate switches outside of the chlorine room to control the lighting and ventilating fan. **See Attachment 7.**

FACILITY	CATEGORY	FINDINGS
1043014-001 - WELL #4 @ FIRE STATION	Source	1043014-001 WELL 4 FIRE STATION: The well is not equipped with a casing vent screen. 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. The screen is missing. **See Attachment 8.**
FACILITY	CATEGORY	FINDINGS
1043014-002 - WELL #5 @ FIRE STATION	Source	1043014-002 WELL 5 FIRE STATION: 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 9.**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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	MULTIPLE LOCATIONS: 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. **See Attachment 10.**
FACILITY	CATEGORY	FINDINGS
TP001 - TP @ DIXON SITE	Treatment	TP001 DIXON SITE: 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 11.**

FACILITY	CATEGORY	FINDINGS
TP006 - BOOSTER CHLORINATION @ NANTACHIE	Treatment	TP006 BOOSTER CHLORINATION @ NANTACHIE: 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 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 – 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

Violation Number	Violation Date	Violation Type	Compliance Period
6003753	10/23/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	10/01/2019 - 10/31/2019
6003752	09/03/2019	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:

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: Significant

Facility ID: 1043014-001 - WELL #4 @ FIRE STATION

Category: Source

Attachment Comments: 1043014-001 WELL 4 FIRE STATION: 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.



Attachment #2

Severity: Minor

Facility ID: GR004 - GST @ NANTACHIE

Category: Finished Water Storage

Attachment Comments: GR004 GST @ NANTACHIE / SUMMERFIELD - A: 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 tower that could comprise the structural integrity of the tower.



Attachment #3

Severity: Minor

Facility ID: GR002 - GST @ DIXON SITE (NORTHWEST TANK)

Category: Finished Water Storage

Attachment Comments: GR002 - GST DIXON NORTHWEST TANK - B: 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 tower that could comprise the structural integrity of the tower.



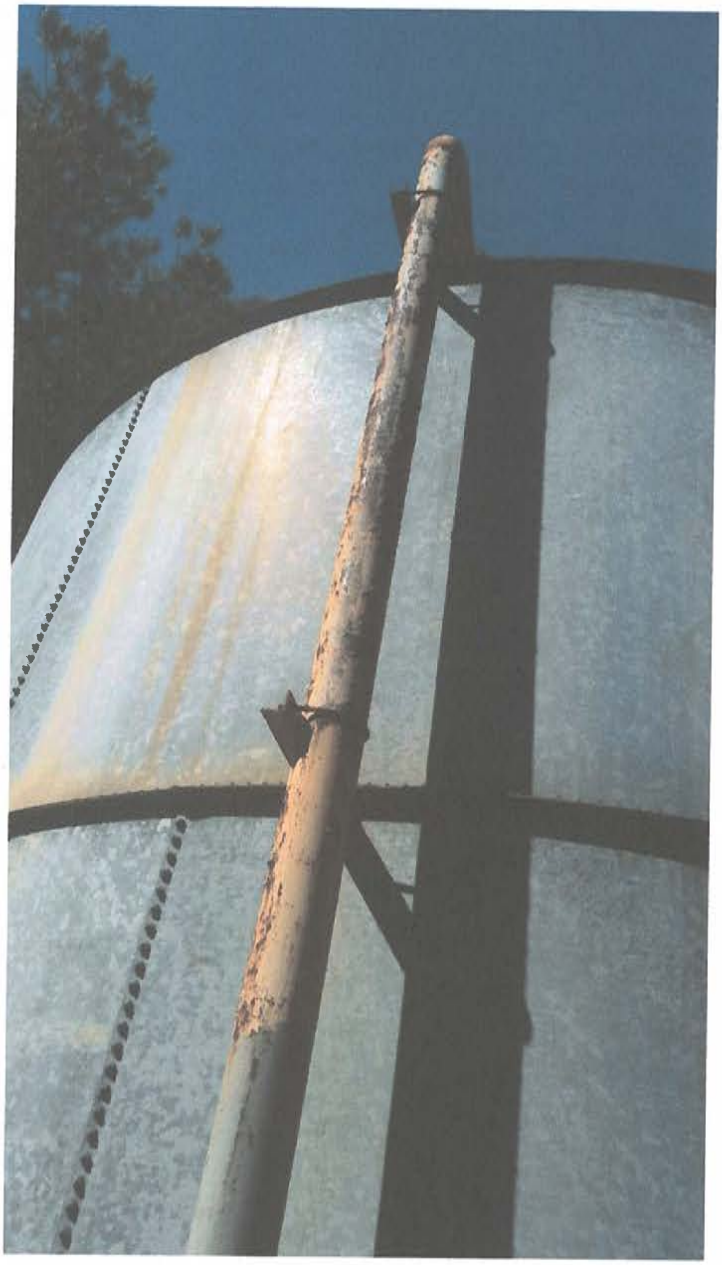
Attachment #4

Severity: Minor

Facility ID: GR003 - GST @ DIXON SITE (SOUTHEAST TANK)

Category: Finished Water Storage

Attachment Comments: GR003 - GST @ DIXON SITE (SOUTHEAST TANK) - A: 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 tower that could comprise the structural integrity of the tower.



Attachment #5

Severity: Minor

Facility ID: GR003 - GST @ DIXON SITE (SOUTHEAST TANK)

Category: Finished Water Storage

Attachment Comments: GR003 - GST @ DIXON SITE (SOUTHEAST TANK) - A: Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. The Overflow pipe must discharge over a splash plate or drainage inlet structure to prevent erosion around the foundation of the GST that could comprise the structural integrity.





Attachment #6

Severity: Minor

Facility ID: TP001 - TP @ DIXON SITE

Category: Finished Water Storage

Attachment Comments: TP001 DIXON SITE: 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 nonoperational. Install separate switches outside of the chlorine room to control the lighting and ventilating fan.



Attachment #7

Severity: Minor

Facility ID: TP006 - BOOSTER CHLORINATION @ NANTACHIE

Category: Treatment

Attachment Comments: TP006 BOOSTER CHLORINATION @ NANTACHIE: The chlorine gas room must have separate switches for the fan and lights located outside of the chlorine room. The fan in the chlorine room is currently nonoperational. Install separate switches outside of the chlorine room to control the lighting and ventilating fan.



Attachment #8

Severity: Minor

Facility ID: 1043014-001 - WELL #4 @ FIRE STATION

Category: Source

Attachment Comments: 1043014-001 WELL 4 FIRE STATION: The well is not equipped with a casing vent screen. 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. The screen is missing.



Attachment #9

Severity: Minor

Facility ID: 1043014-002 - WELL #5 @ FIRE STATION

Category: Source

Attachment Comments: 1043014-002 WELL 5 FIRE STATION: 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.



Attachment #10

Severity: Recommendations

Facility ID: DS0950 - DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: MULTIPLE LOCATIONS: 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. See Attachments





Attachment #11

Severity: Recommendations

Facility ID: TP001 - TP @ DIXON SITE

Category: Treatment

Attachment Comments: TP001 DIXON SITE: 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.





Attachment #12

Severity: Recommendations

Facility ID: TP006 - BOOSTER CHLORINATION @ NANTACHIE

Category: Treatment

Attachment Comments: TP006 BOOSTER CHLORINATION @ NANTACHIE: 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 6576

October 31, 2019

Judy Brewer
SOUTHEAST GRANT WATER SYSTEM
PO Box 781
Pollock, LA 71467

Re: Class I Sanitary Survey
SOUTHEAST GRANT WATER SYSTEM Public Water System
PWS ID LA1043015
GRANT Parish

Hello Mrs. Brewer:

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 SOUTHEAST GRANT 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
Charles Mitchell	Southeast Grant 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
Management	Security	At the Treatment Plant TP001 there is a downed tree that has damaged the fence and could facilitate entry into the site. The tree needs to be removed from the fence and the fence integrity restored. **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. 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
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	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
TP003 - ZINC ORTHOPHOSPHATE	Treatment	TP001: The chemical feed pump is located atop the liquid storage container, and secured with a piece of duct tape. The chemical feed pump needs to properly secured to either a shelf or the top of the container, so that the pump is unlikely to fall. **See Attachment 2.**
FACILITY	CATEGORY	FINDINGS
TP003 - ZINC ORTHOPHOSPHATE	Treatment	Zinc Orthophosphate: 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 3.**
FACILITY	CATEGORY	FINDINGS
1043015-002 - WELL 2	Source	1043015-002 WELL 2: • The wells pressure gauge is broken. The wells discharge piping must be equipped with a working pressure gauge. **See Attachment 4.** • There is damage to the well's valves caused by a fallen tree during a storm. Working valves are required to permit test pumping and control of each well. **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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to 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	TP001: The pipes within TP001 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. **See Attachment 6.**
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	GR001: The ladder needs have some method of preventing entry to the top of the Ground Storage Tank (GST) to discourage easy access of the GST. Removing rungs on the first 6ft of the ladder, installing a lockable access barrier, detaching the ladder when not in use, etc. are all acceptable means of discouraging access to the top of the GST. **See Attachment 7.**
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 by individually with either a single device with multiple fastening points, or multiple restraining devices. **See Attachment 8.**

Written Response Required

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

Violation Number	Violation Date	Violation Type	Compliance Period
236	05/09/2019	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:

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



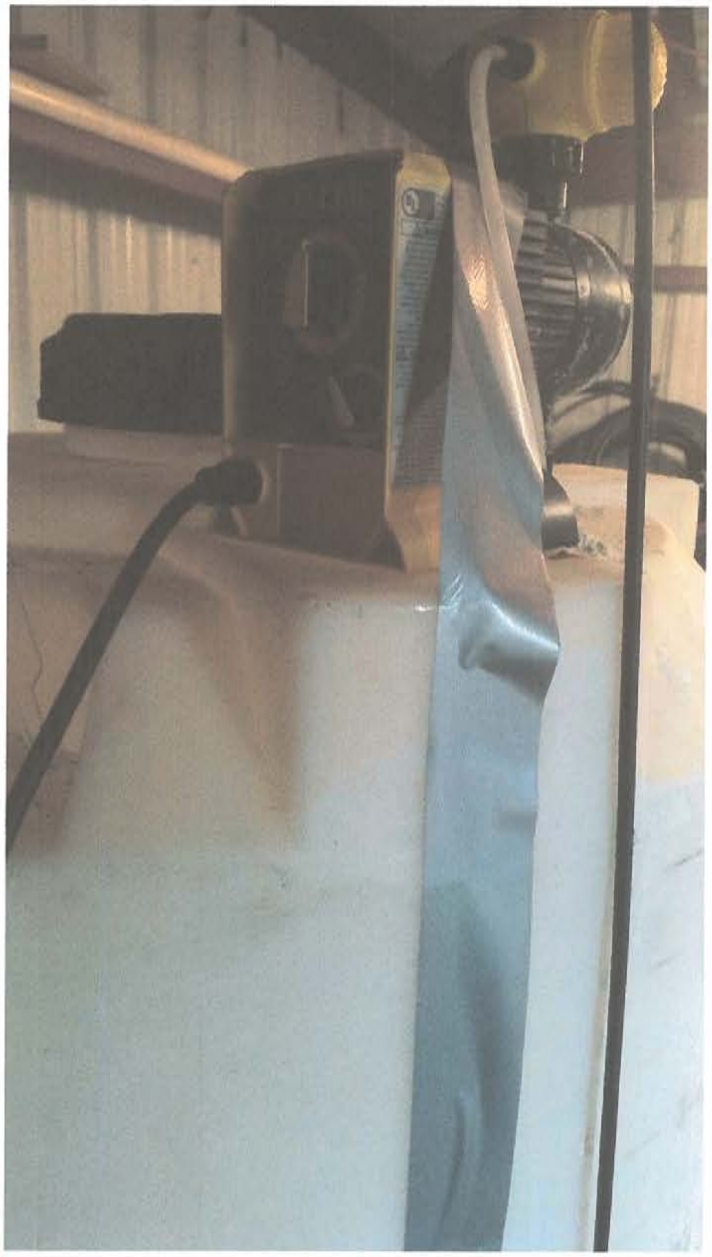
Attachment #1

Severity: Significant

Facility ID: Management

Category: Security

Attachment Comments: At the Treatment Plant TP001 there is a downed tree that has damaged the fence and could facilitate entry into the site. The tree needs to be removed from the fence and the fence integrity restored.



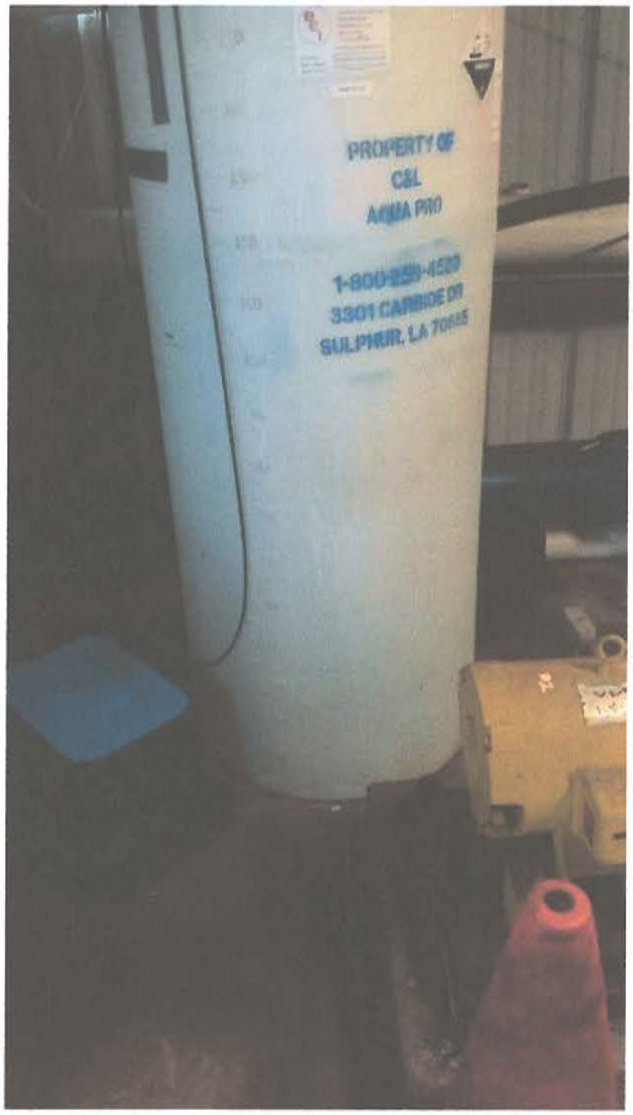
Attachment #2

Severity: Minor

Facility ID: TP003 - ZINC ORTHOPHOSPHATE

Category: Treatment

Attachment Comments: TP001: The chemical feed pump is located atop the liquid storage container, and secured with a piece of duct tape. The chemical feed pump needs to properly secured to either a shelf or the top of the container, so that the pump is unlikely to fall.



Attachment #3

Severity: Minor

Facility ID: TP003 - ZINC ORTHOPHOSPHATE

Category: Treatment

Attachment Comments: Zinc Orthophosphate: 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.





Attachments #4 and #5

Severity: Minor

Facility ID: 1043015-002 - WELL 2

Category: Source

Attachment Comments: 1043015-002 WELL 2:

- The wells pressure gauge is broken. The wells discharge piping must be equipped with a working pressure gauge. See Attachment 4.
- There is damage to the well's valves caused by a fallen tree during a storm. Working valves are required to permit test pumping and control of each well. See Attachment 5.



Attachment #6

Severity: Recommendation

Facility ID: DS0950 - DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: TP001: The pipes within TP001 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.



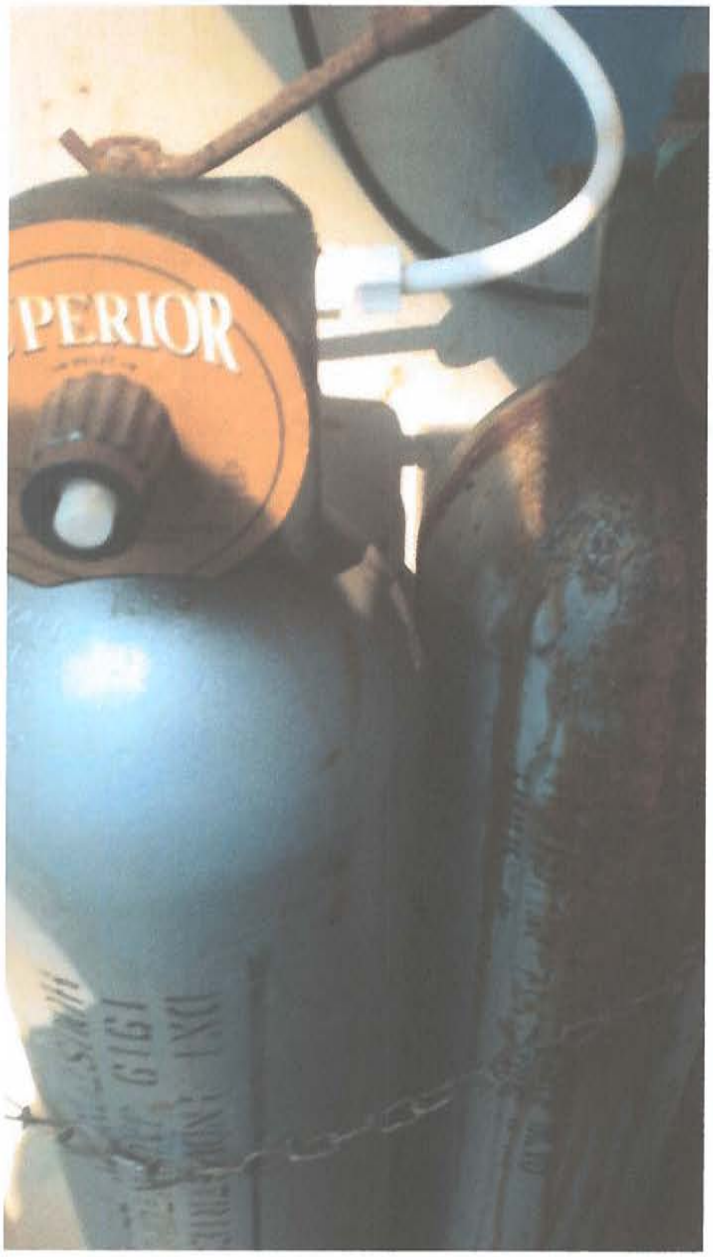
Attachment #7

Severity: Recommendation

Facility ID: GR001 - GROUND

Category: Finished Water Storage

Attachment Comments: GR001: The ladder needs have some method of preventing entry to the top of the Ground Storage Tank (GST) to discourage easy access of the GST. Removing rungs on the first 6ft of the ladder, installing a lockable access barrier, detaching the ladder when not in use, etc. are all acceptable means of discouraging access to the top of the GST.



Attachment #8

Severity: Recommendation

Facility ID: TP001 - TREATMENT PLANT

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 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 6552

October 30, 2019

Randy Davis
POLLOCK AREA WATER SYSTEM INC
PO Box 459
Pollock, LA 71467

Re: Class I Sanitary Survey
POLLOCK AREA WATER SYSTEM INC Public Water System
PWS ID LA1043017
GRANT Parish

Hello Mr. Davis:

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 POLLOCK AREA 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
Chad W Reed	Pollock Area 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
EL003 - ELEVATED HUDSON	Finished Water Storage	EL003 ELEVATED HUDSON: The overflow pipe screen is damaged. The overflow pipe must be screened with 4 mesh non-corrodible screen. **See Attachment 1.**
FACILITY	CATEGORY	FINDINGS
TP005 - AQUA MAG	Treatment	TP005: 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 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 - DISINFECTION PARISH LINE WELL	Treatment	TP001 - DISINFECTION PARISH LINE WELL: 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 3.**
FACILITY	CATEGORY	FINDINGS
TP003 - DISINFECTION AIRPORT WELL	Treatment	TP003 - DISINFECTION WELL 1: 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 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 – 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:

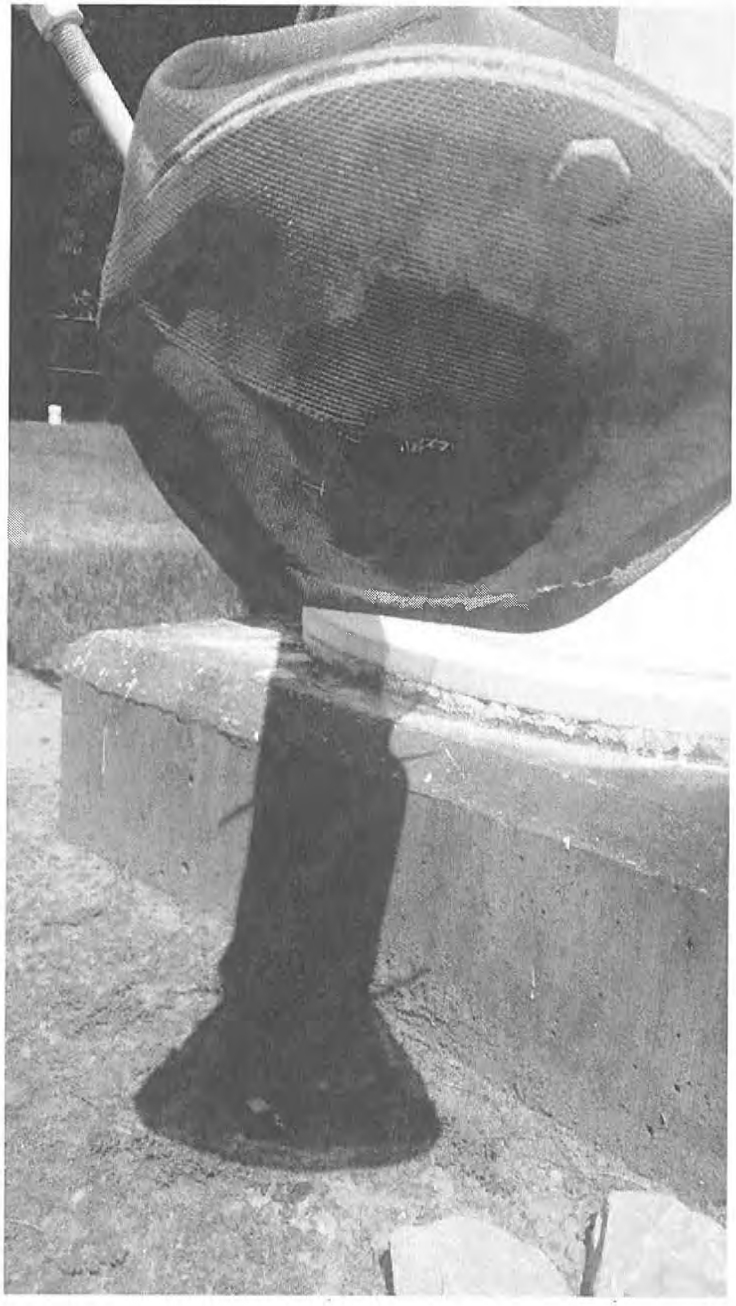
Respectfully,

William Charlot

William Charlot,

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

ATTACHMENTS



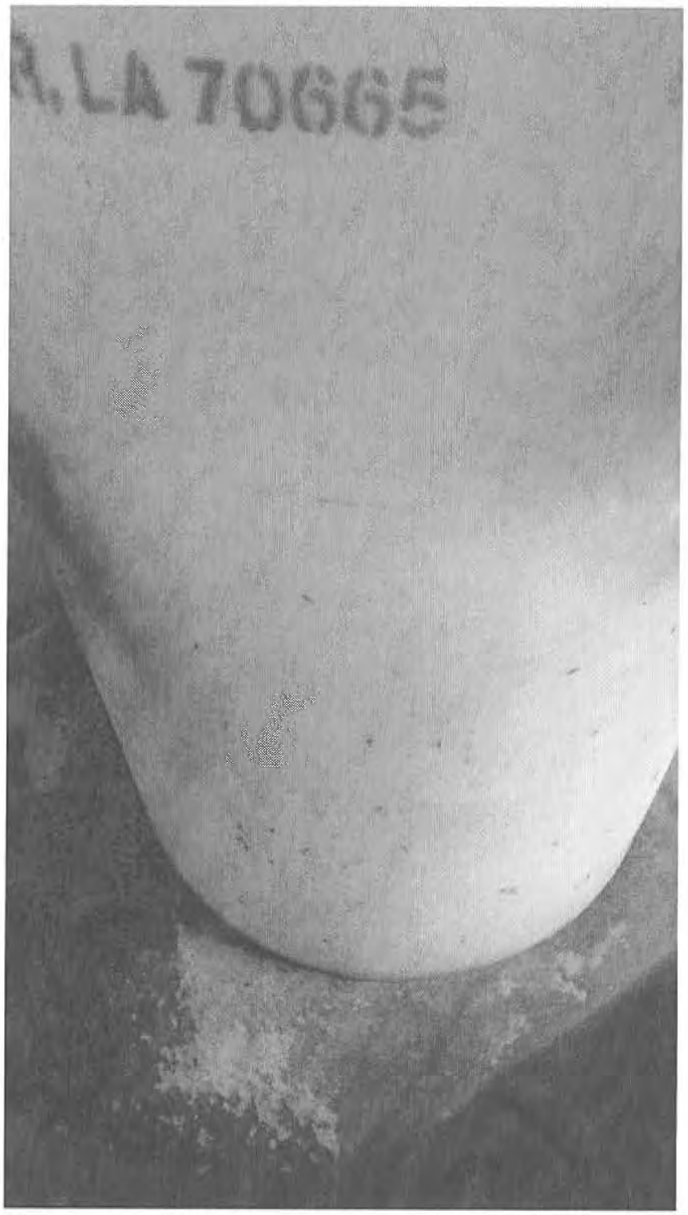
Attachment #1

Severity: Minor

Facility ID: EL003 - ELEVATED HUDSON

Category: Finished Water Storage

Attachment Comments: EL003 ELEVATED HUDSON: The overflow pipe screen is damaged. The overflow pipe must be screened with 4 mesh non-corrodible screen.



Attachment #2

Severity: Minor

Facility ID: TP005 - AQUA MAG

Category: Treatment

Attachment Comments: TP005: 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 #3

Severity: Recommendation

Facility ID: TP001 - DISINFECTION PARISH LINE WELL

Category: Treatment

Attachment Comments: TP001 - DISINFECTION PARISH LINE WELL: 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.



Attachment #4

Severity: Recommendation

Facility ID: TP003 - DISINFECTION AIRPORT WELL

Category: Treatment

Attachment Comments: TP003 - DISINFECTION WELL 1: 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 6866

December 2, 2019

Justin Edwards
RED HILL WATERWORKS INC
Georgetown, LA 71432

Re: Class I Sanitary Survey
RED HILL WATERWORKS INC Public Water System
PWS ID LA1043018
GRANT Parish

Hello Mr. Edwards:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 8, 2019 sanitary survey inspection of the public water supply system for RED HILL 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
William Charlot	LDH-OPH Engineering Services
Marlon Causey	Red Hill Waterworks / Pleasant Ridge Water System
Judy Hoffman	Red Hill 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
12/01/2016	12/02/2016	Formal Enforcement	Minor	Finished Water Storage	GR002-GST @ LINCECUM CHURCH ROAD
Comments: Corrosion and flaking of paint on piping					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/01/2016	12/02/2016	Formal Enforcement	Minor	M&R and Data Verification	Management
Comments: 1) Operator certification(s) for Mr. John Bruce not readily posted; 2) No written Cross-Connection plan; 3) No written Emergency plan; 4) No written nor formal Flushing plan; 5) Residual Monitoring, Lab 8's/results, etc. not all readily accessible for required retention timeframes.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/01/2016	12/02/2016	Formal Enforcement	Minor	M&R and Data Verification	Management
Comments: 1) Some months of residual monitoring records missing					

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. At the HWY 167 GR003 and EL003 the lower portion of the fence could allow access, and the areas near the wells could use maintenance to remove the brush. **See Attachment 1.**
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	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. Please feel free to call this office to discuss the required protection for any customer on the water system.

FACILITY	CATEGORY	FINDINGS
1043018-001 - WELL 1 PACKTON EAST	Source	1043018-001, WELL 1 PACKTON EAST: 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 2.**
FACILITY	CATEGORY	FINDINGS
1043018-002 - WELL 2 PACKTON WEST	Source	1043018-002, WELL 2 PACKTON WEST: 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 3.**

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
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND HWY 167	Finished Water Storage	GR003 GROUND HWY 167: 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 storage that could comprise the structural integrity of the tower. **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 - TP @ HWY 500 BOOSTER STATION	Treatment	TP001, TP @ HWY 500 BOOSTER STATION: No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized. **See Attachment 5.**
FACILITY	CATEGORY	FINDINGS
TP001 - TP @ HWY 500 BOOSTER STATION	Treatment	TP001, TP @ HWY 500 BOOSTER STATION: 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 6.**
FACILITY	CATEGORY	FINDINGS
TP003 - TP @ HWY 167	Treatment	TP003, TP @ HWY 167: No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized. **See Attachment 7.**
FACILITY	CATEGORY	FINDINGS
TP003 - TP @ HWY 167	Treatment	TP003, TP @ HWY 167: 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 8.**
FACILITY	CATEGORY	FINDINGS
TP004 - TP @ HWY 167 NEAR CREOSOTE BRANCH	Treatment	TP004, TP @ HWY 167 NEAR CREOSOTE BRANCH: No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized. **See Attachment 9.**

Written Response Required

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
10/03/2019	0.069 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2019 - 09/30/2019
10/03/2019	0.231 MG/L	0.080 MG/L	TTHM	07/01/2019 - 09/30/2019
10/03/2019	0.176 MG/L	0.080 MG/L	TTHM	07/01/2019 - 09/30/2019
06/24/2019	0.191 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
06/24/2019	0.218 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
03/01/2019	0.166 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
03/01/2019	0.196 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
12/18/2018	0.209 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
12/18/2018	0.180 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
6003583	09/03/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	08/01/2019 - 08/31/2019
6003582	08/07/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2019 - 07/31/2019
6003576	03/04/2019	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:

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





Attachment #1

Severity: Significant

Facility ID: Management

Category: Security

Attachment 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 HWY 167 GR003 and EL003 the lower portion of the fence could allow access, and the areas near the wells could use maintenance to remove the brush.



Attachment #2

Severity: Significant

Facility ID: 1043018-001 - WELL 1 PACKTON EAST

Category: Source

Attachment Comments: 1043018-001, WELL 1 PACKTON EAST: 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.



Attachment #3

Severity: Significant

Facility ID: 1043018-002 - WELL 2 PACKTON WEST

Category: Source

Attachment Comments: 1043018-002 - WELL 2 PACKTON WEST: 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.



Attachment #4

Severity: Minor

Facility ID: GR003 - GROUND HWY 167

Category: Finished Water Storage

Attachment Comments: GR003 GROUND HWY 167: 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 storage that could comprise the structural integrity of the tower.



Attachment #5

Severity: Recommendations

Facility ID: TP001 - TP @ HWY 500 BOOSTER STATION

Category: Treatment

Attachment Comments: TP001, TP @ HWY 500 BOOSTER STATION: No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.



Attachment #6

Severity: Recommendations

Facility ID: TP001 - TP @ HWY 500 BOOSTER STATION

Category: Treatment

Attachment Comments: TP001, TP @ HWY 500 BOOSTER STATION: 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.



Attachment #7

Severity: Recommendations

Facility ID: TP003 - TP @ HWY 167

Category: Treatment

Attachment Comments: TP003, TP @ HWY 167: No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.



Attachment #8

Severity: Recommendations

Facility ID: TP003 - TP @ HWY 167

Category: Treatment

Attachment Comments: TP003, TP @ HWY 167: 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.



Attachment #9

Severity: Recommendations

Facility ID: TP004 - TP @ HWY 167 NEAR CREOSOTE BRANCH

Category: Treatment

Attachment Comments: TP004, TP @ HWY 167 NEAR CREOSOTE BRANCH: No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.

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 2849

March 8, 2019

Shaun Waguespack
Leleux Trailer Park Water System
108 Fountain View Drive
Youngsville, LA 70592

Re: Class I Sanitary Survey
Leleux Trailer Park Water System
PWS ID #: LA 1045027
Iberia Parish

Dear Mr. Waguespack:

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 Leleux Trailer 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
Kristen Hungerford	LDH/OPH Region 4 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/11/2016	10/14/2016	Formal Enforcement	Minor	M&R and Data Verification	Management
Comments: The water system must make arrangements to collect and record a monthly chlorine residual from the additional chlorine residual (ACR) site designated in the monitoring plan. This residual is to be recorded on the LDH-approved Monthly Chlorine Residual form.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
10/11/2016	10/14/2016	Formal Enforcement	Minor	Source	1045027-001 Well #1
Comments: The pressure gauge for Well #1 is installed on the downstream side of the check valve, and reading back pressure from the distribution system. Relocation of this pressure gauge to the upstream side of the check valve (or the installation of an additional gauge) will provide the water system with a condition/performance indicator for the well.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
10/11/2016	10/14/2016	Formal Enforcement	Minor	Treatment	TP001 Treatment Plant
Comments: Chemical storage tanks shall be clearly labeled with the name of the chemical contained and evidence of compliance with NSF standards.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1045027-001 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. There is no electrical conduit for the well's electrical cable. The conduit provides an effective means to protect from possible contamination of the source. Provide a conduit for the pump's electrical wiring with an adequate watertight connection at the entrance through the well's casing sanitary seal to eliminate possible contamination into the well. **(See Attachment A-1)**

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The current Monitoring Plan for the water system needs to be updated. This task can be accomplished by logging into the Monitoring Plan Portal (MPP) at the following link: https://www.ldhh-mpp.org/. During the survey, it was noted that the map needs to be updated to reflect the actual locations and/or descriptions of the ACR-002 and TCR-007 sampling sites. The monitoring plan will be returned to the water system for updating these sampling site locations and/or descriptions. Contact LDH Region 4 Engineering staff by phone at (337) 262-5634 to discuss the review and approval of the monitoring plan.
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**
1045027-001 Well #1	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 must be 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

FACILITY	CATEGORY	FINDINGS
DS0950 Distribution System	Distribution System	All TCR taps used to collect routine coliform samples are double-sided connections of a hose bib. TCR sampling stations must be smooth nosed and 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-2, A-3, A-4, and A-5)**
FACILITY	**CATEGORY**	**FINDINGS**
TP001 Treatment Plant	Treatment	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 manufacturer on the chemical feed tank.

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's 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, Complaint Logs, Miscellaneous. Feel free to contact this office at (337) 262-5634 to further discuss fulfilling these requirements.
FACILITY	**CATEGORY**	**FINDINGS**
1045027-001 Well #1	Source	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 pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions. **(See Attachment A-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 – 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.	Date	Violation Type	Compliance Period
4002127	01/16/2019	Inadequate Minimum Chlorine Residual (GW & SW)	01/01/2019 - 01/31/2019
4002126	11/14/2018	Inadequate Minimum Chlorine Residual (GW & SW)	11/01/2018 - 11/30/2018
4002125	09/28/2018	5% of Distribution System Below Minimum of 0.50 mg/L - 2 Months Consecutive (GW)	09/01/2018 - 09/30/2018
4002124	09/10/2018	Inadequate Minimum Chlorine Residual (GW & SW)	09/01/2018 - 09/30/2018
4002123	08/24/2018	Inadequate Minimum Chlorine Residual (GW & SW)	08/01/2018 - 08/31/2018
4002121	06/05/2018	Inadequate Minimum 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) 262-5634.

Respectfully,

Hayden K. Keigley, P.E.
Engineer 4

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Jeremy Latiolais, Clearstream Services, Inc.

Attachments

Attachment A-1: Void Space in the Casing Seal
Facility ID: Well #1
Category: Source



Attachment A-2: TCR-004 Sampling Site is Double-Sided
Facility ID: DS0950 – Distribution System
Category: Distribution System



Attachment A-3: TCR-005 Sampling Site
Facility ID: DS0950 – Distribution System
Category: Distribution System.



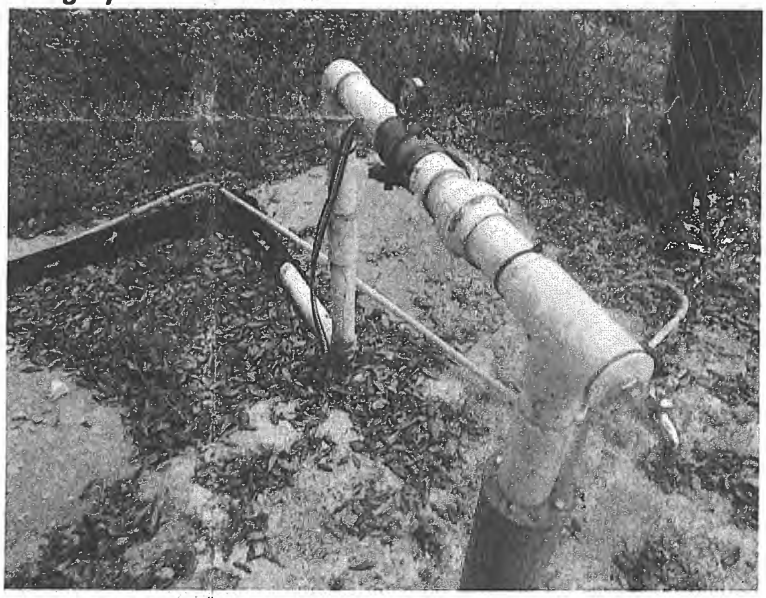
Attachment A-4: TCR-006 Sampling Site is Double-Sided
Facility ID: DS0950 – Distribution System
Category: Distribution System



Attachment A-5: MRT-003 Sampling Site is Double-Sided and Not Smooth Nosed
Facility ID: DS0950 – Distribution System
Category: Distribution System



Attachment A-6: No Pressure Gauge Installed Upstream of Check Valve
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 1286

July 3, 2019

Ricky Carpenter
R & D Properties Mobile Home Park
3603 Melancon Road
Broussard, LA 70518

Re: Class I Sanitary Survey
R & D Properties Mobile Home Park
PWS ID #: LA 1045041
Iberia Parish

Dear Mr. Carpenter:

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 R & D Properties Mobile Home 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
Hayden K. Keigley	LDH/OPH Region Iv Engineering
Ronald Daigle	R & D Properties 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/21/2017	09/25/2017	Sanitary Survey, Finished	Minor	Source	1045041-002 Well 2 (West Well)
Comments: The well is not equipped with a check valve. A check valve must be provided downstream of the smooth nosed sample tap.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1045041-002 Well #2 (West Well)	Source	There is only one (1) active source being used to provide service to the public water system. At least two (2) sources of groundwater must be 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 the demand. Recent changes to the Louisiana Administrative Code allows for continued operation of a community water system with only one (1) source when an annual notice is provided to its customers. To achieve compliance, the water system must rehabilitate the existing inactive well, connect to an existing public water system, or complete the annual notice requirement. All sources of water must be approved by LDH. Please contact LDH for assistance or any questions related to public notification in lieu of a secondary source.
FACILITY	**CATEGORY**	**FINDINGS**
1045041-001 Well #1 (East Well)	Source	During the survey, it was noted that Well #1 has been physically disconnected and is currently inactive. 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.

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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1905070-001	Routine	5/20/2019		0.60 mg/L	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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
Ronald Daigle, Designated Operator, R & D Properties Mobile Home Park

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 2665

January 15, 2019

Pat Helmer
M.A. Patout & Son Sugar Mill Water System
3512 J. Patout Burns Road
Jeanerette, LA 70544

Re: Class I Sanitary Survey
M. A. Patout & Son Sugar Mill Water System
PWS ID #: LA 2045057
Iberia Parish

Dear Ms. Helmer:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the January 10, 2019 sanitary survey inspection of the public water supply system for M. A. Patout & Son Sugar 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
Hayden K. Keigley	LDH/OPH Region 4 Engineering
Kristen Hungerford	LDH/OPH Region 4 Engineering
Dean Leblanc	M. A. Patout & Son Sugar 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

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 have been completed without authorization. Please submit to this office signed, stamped and dated As-Built plans and specifications from a Louisiana licensed professional engineer for the 5,000 gallon horizontal hydropneumatic tank for review and approval by LDH. **(See Attachments – A. #1)**

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 Treatment Plant (Wells #1 & #4)	Treatment	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 manufacturer on the chemical feed tank. **(See Attachments – A. #4)**
FACILITY	**CATEGORY**	**FINDINGS**
TP001 Treatment Plant (Wells #1 & #4)	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 Attachments – A. #3)**
FACILITY	**CATEGORY**	**FINDINGS**
TP001 Treatment Plant (Wells #1 & #4)	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. The chemical feed tank for the sodium hypochlorite must be sited out of the sunlight in a cool area. **(See Attachments – A. #5)**
FACILITY	**CATEGORY**	**FINDINGS**
2045057-001 Well #1 (Northeast Well)	Source	There is currently no pressure gauge installed on the discharge piping of the well. A pressure gauge must be installed on the discharge piping upstream of the check valve as a means to measure the actual operating head conditions. Install a pressure gauge on the well discharge piping to detect any changes in operating conditions. **(See Attachments – 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.

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

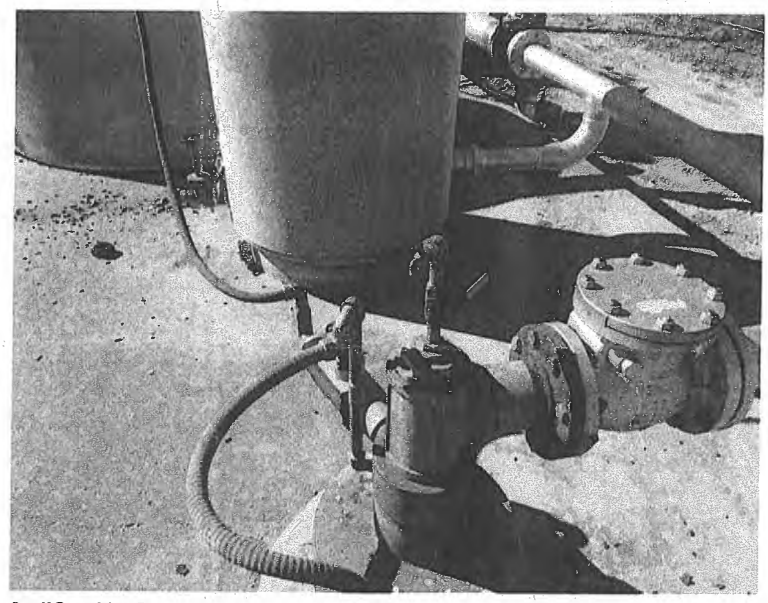
cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Cynthia Derbigney, M. A. Patout & Son Sugar Mill Water System
Dean LeBlanc, M. A. Patout & Son Sugar Mill Water System

Ec: Pat Helmer, M. A. Patout & Son Sugar Mill Water System
Cynthia Derbigney, M. A. Patout & Son Sugar Mill Water System
Dean LeBlanc, M. A. Patout & Son Sugar Mill Water System

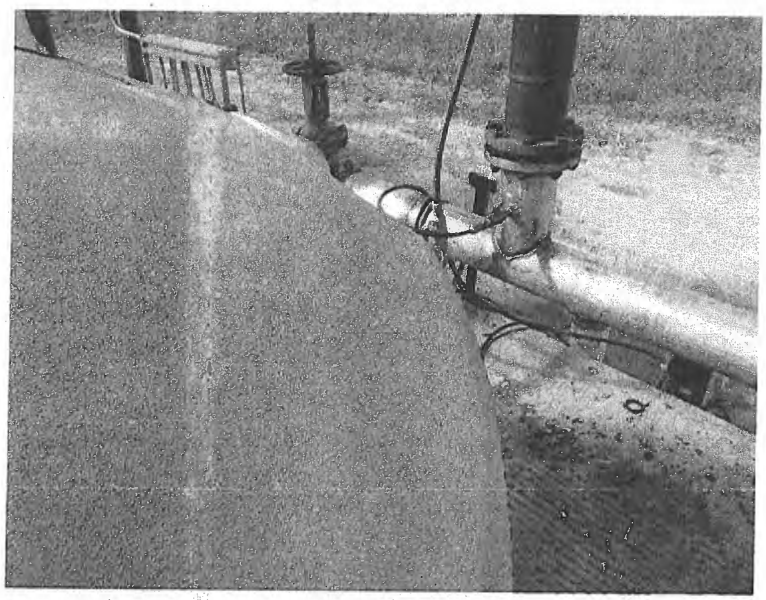
Attachments



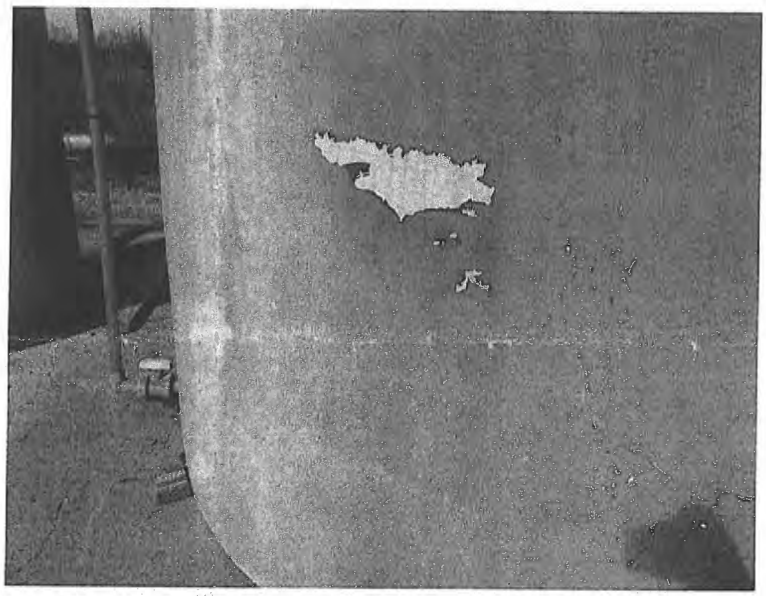
A. #1 – Horizontal Hydropneumatic Tank
Severity: Significant
Category: System Management and Operation



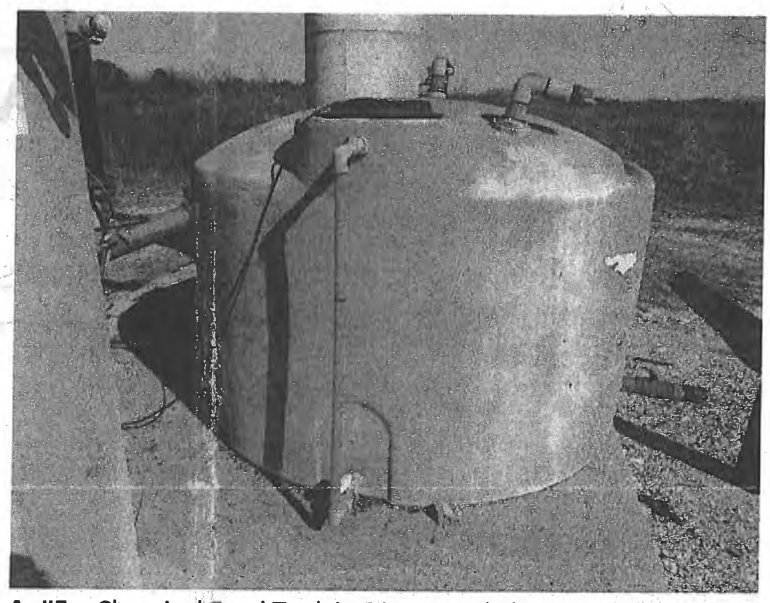
A. #2 – No Pressure Gauge
Severity: Minor
Facility ID: Well #1 (Northeast Well)
Category: Source



A. #3 – Chemical Feed Pump Located Below Feed Tank
Severity: Minor
Facility ID: Treatment Plant (Wells #1 & #4)
Category: Treatment



A. #4 – No Label on Chemical Feed Tank
Severity: Minor
Facility ID: Treatment Plant (Wells #1 & #4)
Category: Treatment



A. #5 – Chemical Feed Tank in Direct Sunlight
Severity: Minor
Facility ID: Treatment Plant (Wells #1 & #4)
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 0487

September 30, 2019

Billy Furlow
Lake Fausse Pointe Park Water System
5400 Levee Road
St. Martinville, LA 70582

Re: Class I Sanitary Survey
Lake Fausse Pointe Park Water System
PWS ID #: LA 2045068
Iberia Parish

Dear Mr. Furlow:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 18, 2019 sanitary survey inspection of the public water supply system for Lake Fausse Pointe 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 IV Engineering
Waylon C. King	Lake Fausse Pointe 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	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.

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
Waylon C. King, Designated Operator, Lake Fausse Pointe Park Water System

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 3599

May 13, 2019

James Hilty
CVD CERAMICS
PO Box 500
New Iberia, LA 70562

Re: Class I Sanitary Survey
CVD CERAMICS Public Water System
PWS ID LA2045071
Iberia Parish

Dear Mr. Hilty:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 8, 2019 sanitary survey inspection of the public water supply system for CVD CERAMICS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
James Hilty	CVD Ceramics

NOTICE OF VIOLATIONS

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

The following list 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 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). **See Attachment #4**
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. Have the newly installed devices tested and send this office a copy of the test report. **See Attachment #3**

Deficiencies

FACILITY	CATEGORY	FINDINGS
2045071-004 - WELL #4	Source	The well's outer casing and discharge piping is showing signs of rust, corrosion and flaking paint. The well's outer casing 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 – 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.
Engineer V

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

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

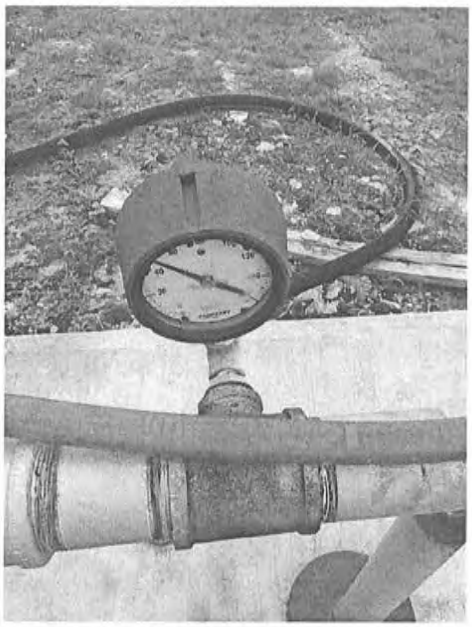
State of Louisiana

Department of Health
Office of Public Health

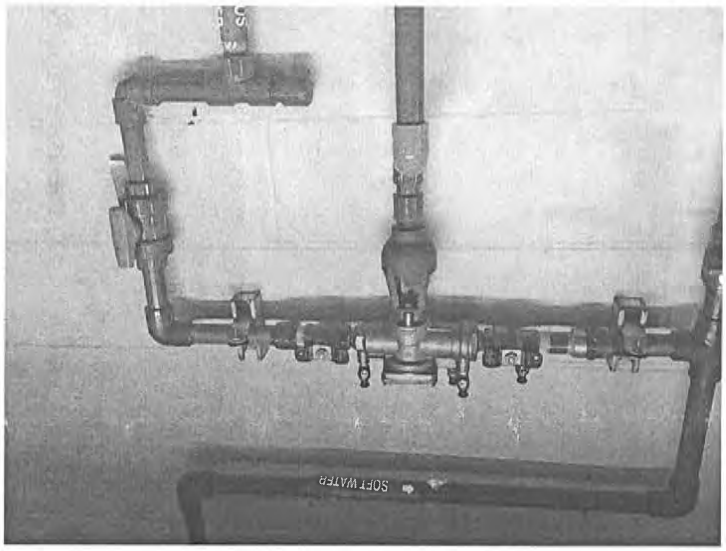
Attachments



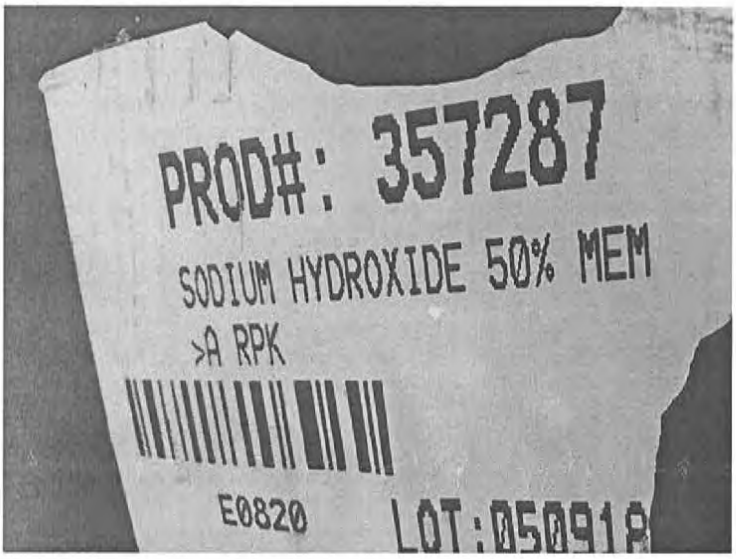
Attachment #1
Facility ID: WELL #4
Category: Source



Attachment #2
Facility ID: WELL #4
Category: Source



Attachment #3
Facility ID: DISTRIBUTION SYSTEM
Category: Distribution System



Attachment #4
Category: System Management and Operation

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 7519

February 12, 2019

Mayor Maurice Harris
TOWN of MARINGOUIN
PO Box 10
Maringouin, LA 70757

Re: Class I Sanitary Survey
TOWN of MARINGOUIN Public Water System
PWS ID LA1047003
Iberville Parish

Dear Mayor Harris:

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 TOWN of MARINGOUIN (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Lee Butler	Town Of Maringouin
Blake Fogleman	LDH/OPH Region II Engineering 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
02/16/2017	02/22/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: At the time of inspection, the records indicated that daily residual disinfectant concentrations were not being taken at both POE's, Well - 001 and Well - 002. Chlorine residuals must be monitored and recorded daily at both water production sites (POE), Well 001- Near Tower and Well 002 - Hooper St. and at a critical point (MRT), the location in the water system furthest from treatment must be monitored daily.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/16/2017	02/22/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: System is currently sampling from taps on service lines at private residences. The MRT-006 sampling tap, located at 9015 Jd Lefeaux rd. is connected to the residential customers' water service. System must relocate the sample tap and must have an approved connection, not a "T" connection, connecting it to the water main.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	A chlorine residual was taken at the Hooper St. well site, while the well was pumping water and the rotameter feed rate was 40 pounds/24 hours of chlorine gas, however the test result registered a 0.00 mg/L. The minimum chlorine residual required by Title 51 of the Louisiana Administrative Code is 0.5 mg/L. The water system shall investigate the entire chlorine gas delivery system to determine the cause of failure.
FACILITY	CATEGORY	FINDINGS
Management	Other	The well lubrication drain line for the Hooper St. well is broken and empties directly at the edge of the well slab, causing erosion. The broken drain line shall be repaired to prevent further erosion of the

		well slab. The water system shall inspect the integrity of the foundation of the well slab and make repairs if necessary, ensuring that water flows away from the slab. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
1047003-001 - WELL 001 NEAR TOWER	Source	During the inspection, six portable toilets and a decommissioned diesel fuel storage tank were stored next to Well 001 - Near Tower. 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. The portable toilets and the diesel fuel storage tank shall be moved outside of at least 100 foot radius of the well. **See Attachment #5 and #6**

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP002 - WELL 002 TREATMENT PLANT	Treatment	At the time of the survey, the Hopper St. chlorine storage room did not have a working ventilating fan and the chlorine feed room did not have a ventilating 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. The water system shall install a ventilating fan in the chlorine feed room and fix/repair the ventilating fan in the chlorine storage room.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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 inspection, the sanitary seal on the Hooper St. well appeared to be showing signs of degradation. This office recommends that the well casing seal on the Hooper St. well be inspected and, if necessary, repaired or replaced during the next maintenance period. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
Management	Other	In accordance with the provisions found in Act 292 of the 2018 Regular Session, the Town of Maringouin 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.
FACILITY	CATEGORY	FINDINGS

Management	Other	In accordance with the provisions found in Act 292 of the 2018 Regular Session, the Town of Maringouin 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 the water system has implemented with respect to the matters detailed in the complaint. The Town of Maringouin water system 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.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	At the time of inspection, the Well 001 - Near Tower and the Hooper St. well 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 Well 001 - Near Tower and the Hooper St. well. **See Attachment #2 and #1**
FACILITY	CATEGORY	FINDINGS
TP001 - WELL 001 TREATMENT PLANT	Treatment	During the survey, the chlorine feed and storage rooms at the Well 001 well site did not have working lights. The chlorine feed and storage rooms shall have a working lights. Replace

		all burned out light bulbs in the chlorine feed and storage rooms at Well 001 treatment plant.

Written Response Required

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,

ec: 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 Well 001 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 that squirrel cages be installed around the rotating shaft on the Well 001.



Attachment #2

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: At the time of inspection, the Hooper St. well 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 that squirrel cages be installed around the rotating shaft of the Hooper St. well.



Attachment #3

Severity: Recommendations

Category: Other

Attachment Comments: During the inspection, the sanitary seal on the Hooper St. well appeared to be showing signs of degradation. This office recommends that the well casing seal on the Hooper St. well be inspected and, if necessary, repaired or replaced during the next maintenance period.

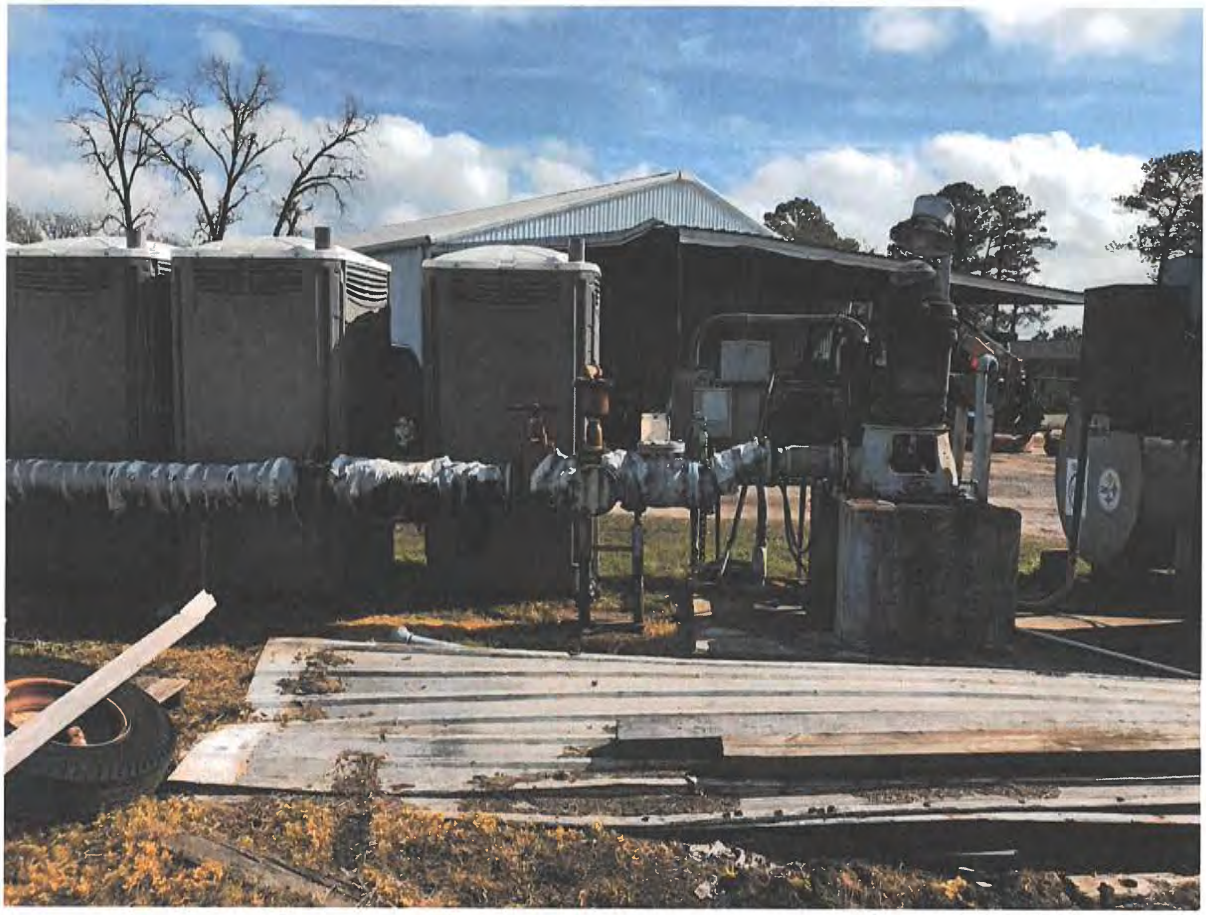


Attachment #4

Severity: Significant

Category: Other

Attachment Comments: The well lubrication drain line for the Hooper St. well is broken and empties directly at the edge of the well slab, causing erosion. The broken drain line shall be repaired to prevent further erosion of the well slab. The water system shall inspect the integrity of the foundation of the well slab and make repairs if necessary, ensuring that water flows away from the slab.



Attachment #5

Severity: Significant

Facility ID: WELL 001 NEAR TOWER

Category: Source

Attachment Comments: During the inspection, six portable toilets were stored next to Well 001 - Near Tower. The portable toilets shall be moved outside of at least 100 foot radius of the well.



Attachment #6

Severity: Significant

Facility ID: WELL 001 NEAR TOWER

Category: Source

Attachment Comments: During the inspection, a decommissioned diesel fuel storage tank is stored next to Well 001 - Near Tower. The diesel fuel storage tank shall be moved outside of at least 100 foot radius 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: 7018 1830 0001 0580 7212

May 15, 2019

Frank Mott
City of Plaquemine Water System
P.O. Box 777
Plaquemine, LA 70764

Re: Class I Sanitary Survey
City of Plaquemine Public Water System
PWS ID LA1047005
Iberville Parish

Dear Mr. Mott:

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 CITY of PLAQUEMINE 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
Travis Bourgoyne	City of Plaquemine
Larry Simms	City Of Plaquemine
Damien Smith	City Of Plaquemine

NOTICE OF VIOLATIONS

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

The following list 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	Upon inspection of the Harleaux MRT, a hose located on a shared "T" connection was observed to be connected to a threaded hose bib without any backflow prevention device. All threaded hose bibs shall be equipped with a backflow prevention device. 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**

Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	During the survey, the MRT sample tap was located on a "T" connection which was shared with a threaded tap. The water system shall remove the "T" connection and provide a dedicated connection for the Harleaux MRT 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 #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	In accordance with the provisions found in Act 292 of the 2018 Regular Session, the City of Plaquemine 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.

Written Response Required

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.

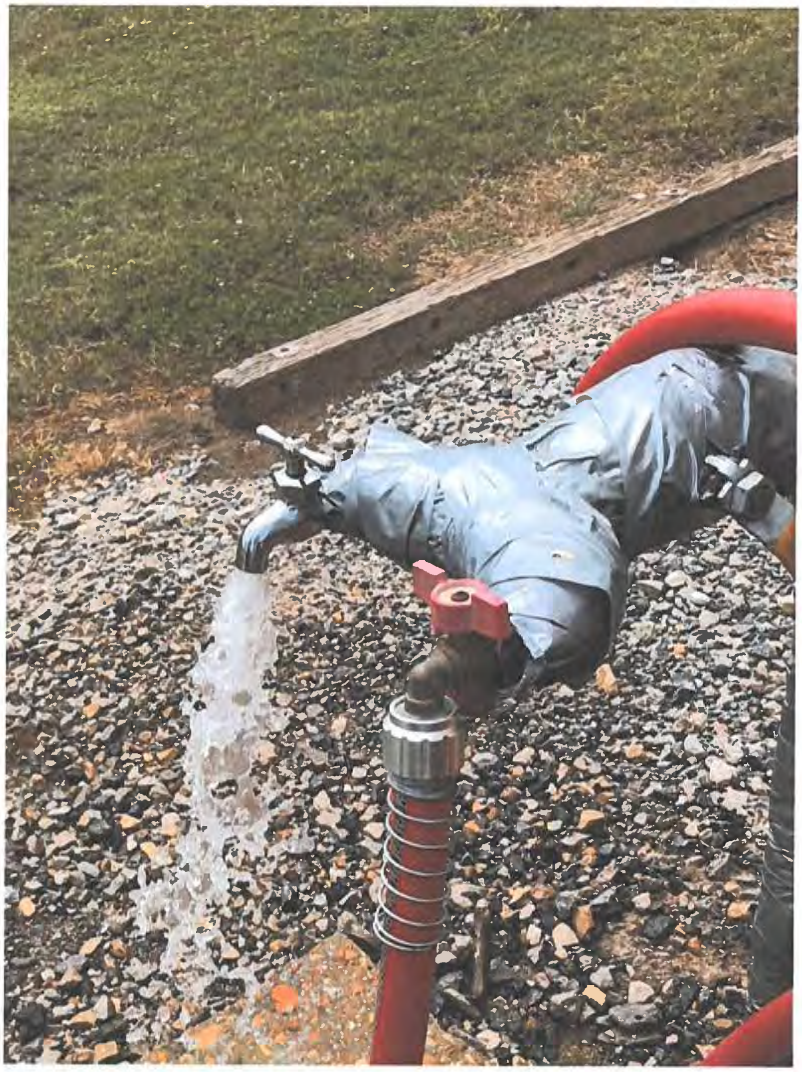
Respectfully,

Brian Suberbielle

Brian Suberbielle,

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

Attachments



Attachment #1

Severity: Significant

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Upon inspection of the Harleaux MRT, a hose located on a shared "T" connection was observed to be connected to a threaded hose bib without any backflow prevention device. All threaded hose bibs shall be equipped with a backflow prevention device.



Attachment #2

Severity: Minor

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: During the survey, the MRT sample tap was located on a "T" connection which was shared with a threaded tap. The water system shall remove the "T" connection and provide a dedicated connection for the Harleaux MRT 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: 7018 1830 0001 0580 8844

November 22, 2019

Mark Migliacio
IBERVILLE WATERWORKS DISTRICT #2
P.O. Box 99
Plaquemine, LA 70765

Re: Class I Sanitary Survey
IBERVILLE WATERWORKS DISTRICT #2 Public Water System
PWS ID LA1047007
IBERVILLE Parish

Dear Migliacio:

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 IBERVILLE WATERWORKS 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
Christina Dang	LDH-OPH Engineering Services
Gene Demars	Baton Rouge Water
Mark Migliacio	Iberville Parish Utility

NOTICE OF VIOLATIONS

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

The following list 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
EL002 - HIGHWAY 327	Finished Water Storage	There were holes present near the 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. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
EL003 - 3385 HWY 30	Finished Water Storage	There were holes present near the 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. **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: 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

Attachments



Attachment #1

Severity: Minor

Facility ID: 3385 HWY 30

Category: Finished Water Storage

Attachment Comments: Holes present near the cement slab supporting elevated tank's riser.



Attachment #2

Severity: Minor

Facility ID: HIGHWAY 327

Category: Finished Water Storage

Attachment Comments: Holes present near the cement slab supporting elevated tank's riser.

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 7625

May 3, 2019

Paul Thomassie
Gillis Long Center
5445 Point Clair Rd., Bld. 10
Carville, LA 70721

Re: Class I Sanitary Survey
Gillis Long Center Public Water System
PWS ID LA1047008
Iberville Parish

Dear Mr. Thomassie:

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 GILLIS LONG 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
Brian Suberbielle	LDH/OPH Engineering
Bruce Casey	Gillis Long Center
Paul Thomassie	Gillis Long 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).

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	Finished Water Storage	During the survey, the ground storage tank 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 #1**
FACILITY	CATEGORY	FINDINGS
TP003 - GILLIS LONG TREATMENT PLANT	Treatment	At the time of the survey, the Gillis Long Treatment Plant's chlorine storage room did not have a working ventilating fan. The water system shall fix/repair the ventilating fan in the chlorine storage room. LAC 51:XII.209.A.3.d - Where chlorine gas is used, the room shall be constructed to provide a ventilating fan with a capacity to complete one air change per minute when the room is occupied.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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	In accordance with the provisions found in Act 292 of the 2018 Regular Session, the Gillis Long Center 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.

Written Response Required

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
B1901675-001	Routine	4/25/2019		1.240	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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: GROUND STORAGE

Category: Finished Water Storage

Attachment Comments: During the survey, the ground storage 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.

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 5233

June 14, 2019

William Simmers
TOWN of WHITE CASTLE WATER SYSTEM
PO Box 488
White Castle, LA 70788

Re: Class I Sanitary Survey
TOWN of WHITE CASTLE WATER SYSTEM Public Water System
PWS ID LA1047009
IBERVILLE Parish

Dear Mr. Simmers:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 30, 2019 sanitary survey inspection of the public water supply system for TOWN of WHITE CASTLE 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
William Simmers	Town Of White Castle

NOTICE OF VIOLATIONS

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

The following list 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	1047009-001-BOWIE STREET WELL
Comments: During the inspection, the Bowie St. Well did not have a flow meter. Each well is required to have its own flow meter. Install a flow meter at the Bowie St. Well.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The generator was unable to run at the time of the survey. LAC 51:XII.135.A dictates that 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
1047009-001 - BOWIE STREET WELL	Source	At the time of the survey, it was noted that standing water had collected around the well slab. As directed 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. The well site should be graded so that water drains away from the well. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1047009-002 - GRAHAM ROAD WELL	Source	During the survey, the well at Graham Road was actively leaking water through the joint between the well casing and slab. 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 #3**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The system was not in possession of all daily chlorine residual records as required in 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 - BOWIE ROAD TOWER	Finished Water Storage	It was noted during the survey that the outer coating of the of the elevated storage tank was in poor condition. LAC 51:XII.225.S mandates that proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. The outside of the tank should be thoroughly cleaned and painted. **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 – 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

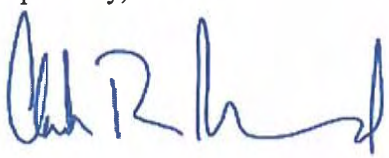
No maximum contaminant level violations were reported in the past year.

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: BOWIE STREET WELL

Category: Source

Attachment Comments: At the time of the survey, it was noted that standing water had collected around the well slab. As directed 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. The well site should be graded so that water drains away from the well.



Attachment #2

Severity: Minor

Facility ID: BOWIE ROAD TOWER

Category: Finished Water Storage

Attachment Comments: It was noted during the survey that the outer coating of the of the elevated storage tank was in poor condition. LAC 51:XII.225.S mandates that proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both. The outside of the tank should be thoroughly cleaned and painted.



Attachment #3

Severity: Significant

Facility ID: GRAHAM ROAD WELL

Category: Source

Attachment Comments: During the survey, the well at Graham Road was actively leaking water through the joint between the well casing and slab. 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.

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 4594

November 12, 2019

Jason Guidry
NORTH IBERVILLE WATER SYSTEM
P O Box 99
Plaquemine, LA 70765

Re: Class I Sanitary Survey
NORTH IBERVILLE WATER SYSTEM Public Water System
PWS ID LA1047024
IBERVILLE 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 October 24, 2019 sanitary survey inspection of the public water supply system for NORTH IBERVILLE 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
Jason Guidry	Tesi-Iberville #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.

Unresolved Observations

No observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL003 - ELEV TOWER 003 BAYOU BLUE	Finished Water Storage	The screen of the Bayou Blue elevated tower was torn at the time of inspection. 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 #1**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT WELL 001	Treatment	At the time of the survey, the light inside the chlorine storage was not functional. The light should be replaced to ensure that the operator is able to work in the chlorine unit in low visibility situations safely.
FACILITY	CATEGORY	FINDINGS
TP002 - TREATMENT PLANT WELL 002	Treatment	At the time of the survey, the light inside the chlorine storage was not functional. The light should be replaced to ensure that the operator is able to work in the chlorine unit in low visibility situations safely.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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 the North Iberville Water System did not have a formal written flushing program, but instead flushes as needed in areas of low flow or customer complaints. It is recommended that the system develop a written flushing program that utilizes unidirectional flushing in order to scour and remove any sediment or biofilm present.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	It was noted that the Rosedale #2 well spindle was uncovered during the survey. It is recommended that a squirrel cage or other mesh is installed on the well in order 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: ELEV TOWER 003 BAYOU BLUE

Category: Finished Water Storage

Attachment Comments: The screen of the Bayou Blue elevated tower was torn at the time of inspection. 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 #2

Severity: Recommendations

Category: System Management and Operation

Attachment Comments: It was noted that the Rosedale #2 well spindle was uncovered during the survey. It is recommended that a squirrel cage or other mesh is installed on the well in order to prevent entanglement with moving parts.

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 7205

May 14, 2019

Mark Migliacio
Highway 1148 Water System
P.O. Box 99
Plaquemine, LA 70765

Re: Class I Sanitary Survey
Highway 1148 Water System Public Water System
PWS ID LA1047026
Iberville Parish

Dear Mr. Migliacio:

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 HIGHWAY 1148 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
Jason Guidry	Tesi-Iberville #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).

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	In accordance with the provisions found in Act 292 of the 2018 Regular Session, the HWY 1148 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.

Written Response Required

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

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 1693 – Return Receipt Requested

June 7, 2019

Jerry Robinson
Bear Creek Water System
1647 Arcadia Highway
Quitman, LA 71268

Re: Class I Sanitary Survey
Bear Creek Water System
PWS ID LA1049001
Jackson Parish

Dear Mr. Robinson:

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 Bear Creek 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
Jerry Robinson	Bear Creek 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
DS0950-Distribution System	Distribution System	At the time of inspection, the water system had adopted a cross connection ordinance and had a survey completed by a third party. The water system has not enforced the policy on the affected customers listed in the survey. Please enforce the cross connection ordinance for the affected customers. When backflow devices are installed they must be inspected annually by a duly licensed plumber and records of these inspections must be kept by the water system.
FACILITY	CATEGORY	FINDINGS
1049001-001- Well #1	Source	At the time of inspection, it was revealed by the water system that Well #1 was not being used due to an inability to supply enough water to maintain system demand. For all groundwater systems there must be two sources of water of sufficient capacity. Please repair Well #1 or connect to a water supply of sufficient capacity.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, the water system was in possession of secondary standards for validation of their colorimeters. They had not kept any records of the validations. Please validate your colorimeter in accordance with the manufacturer's recommendation. Please document these validations as well.
FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of inspection, both well sites were in need of being mowed. Please clear all excess vegetation from both well sites including any overgrowth on the fences to help protect these from being damaged.
FACILITY	CATEGORY	FINDINGS
1049001-003 - Well #3	Source	At the time of inspection, the well vent on Well #3 had a 24 mesh screen that was damaged. Please replace the screen on the well vent with a 24 mesh, non-corrodible screen.
FACILITY	CATEGORY	FINDINGS
1049001-001 - Well #1	Source	At the time of inspection, Well #1 did not have a functioning pressure gauge. The discharge piping shall be equipped with a working pressure gauge.
FACILITY	CATEGORY	FINDINGS
1049001-003 - Well #3	Source	At the time of inspection, Well #3 did not have a functioning pressure gauge. The discharge piping shall be equipped with a working pressure gauge.
FACILITY	CATEGORY	FINDINGS
1049001-003 - Well #3	Source	At the time of inspection, Well #3 had noticeable hole forming near the well slab. Please fill in this hole to prevent any damage to the well casing under the slab. See attachment 2.
FACILITY	CATEGORY	FINDINGS
1049001-003 - Well #3	Source	At the time of inspection, Well #3 was showing signs of rust. Please clean and paint the well discharge piping and the casing. 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.

Written Response Required

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.



Attachment 2.

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 3955 – Return Receipt Requested

February 8, 2019

Mayor Dwight Cooper
Chatham Water System
P.O. Box 7
Chatham, LA 71226

Re: Class I Sanitary Survey
Chatham Water System
PWS ID LA1049004
Jackson 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 January 31, 2019 sanitary survey inspection of the public water supply system for Chatham 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
Scott Green	LDH/OPH Engineering Region 8
Carol Justus	LDH/OPH Engineering Region 8
Barnabas Saulsberry	Town Of Chatham

NOTICE OF VIOLATIONS

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

The following list 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	At the time of inspection, the water system was not utilizing ammonia in the treatment of their water. The water system is approved to use chloramination as its means of disinfection. 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.
FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of inspection, one of the pumps at the Well #2 facility had a noticeable leak. Please repair this to eliminate any pathway for contamination of the water supply. See attachment #1.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of inspection, a hose from the distribution system was connected to the outlet line from the chlorine building. This presents a pathway for untreated water to enter the distribution system, Please remove this setup to prevent any possibility of non-potable water entering the distribution system. See attachment #2.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, the system did not have a nitrification control plan in place. 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.
FACILITY	CATEGORY	FINDINGS
Management	Security	At the time of the inspection, the fencing around the Elevated Tank had 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.
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND STORAGE	Finished Water Storage	At the time of inspection, Ground Storage Tank #2 had an overflow that was not at a sufficient 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. See attachment #3.
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND STORAGE	Finished Water Storage	At the time of inspection, it was noted that the Ground Storage Tank's level gauge was not operational. Please ensure that there are no pathways for birds, insects, or weather events to come in contact with the potable water supply within the level gauge setup.

FACILITY	CATEGORY	FINDINGS
GR002 - GROUND STORAGE	Finished Water Storage	At the time of inspection, nearly half of the tank exterior was susceptible to water accumulation adjacent to the 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. See attachment #4.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	At the time of inspection, the Elevated Tank overflow terminated near the top of the 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. See attachment #5.
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND STORAGE	Finished Water Storage	At the time of inspection, the overflow for the Ground Storage Tank #2 had a screen that had noticeable wear and tear. The overflow pipe must be screened with 24 mesh non-corrodible screen, please replace the damaged screen. See attachment #3.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	At the time of inspection, the sample tap on the Elevated Tank was threaded. Smooth-nosed sampling tap(s) shall be provided to facilitate collection of water samples for both bacteriological and chemical analyses.
FACILITY	CATEGORY	FINDINGS
TP001 - WELL #2 & #3	Treatment	At the time of the inspection, the chlorine room had a fan that was not operational. The chlorine room must be equipped with a working ventilating fan.
FACILITY	CATEGORY	FINDINGS
1049004-002 - WELL #3 BY CHATHAM CEMETERY	Source	At the time of inspection, the air relief valve piping at Well #3 did not terminate downwards and did not have a screen. The discharge piping 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. See attachment #6.
FACILITY	CATEGORY	FINDINGS
1049004-002 - WELL #3 BY CHATHAM CEMETERY	Source	At the time of inspection, the Well #2 discharge piping showed noticeable 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
1049004-001 - WELL #2	Source	At the time of inspection, Well #2 showed signs of rust, corrosion, and flaky painting. The well head 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 #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 the time of inspection, the shaft on one of the pumps at the Well #2 facility was missing a cover on its shaft. Please provide a cover for this to help prevent potential injury to water system personnel and inspectors. See attachment #1.
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND STORAGE	Finished Water Storage	At the time of inspection, there was no ladder guard on Ground Storage Tank #2. Ladders, ladder guards, balcony railings, and safely located entrance hatches shall be provided where applicable.
FACILITY	CATEGORY	FINDINGS
TP001 - WELL #2 & #3	Treatment	At the time of inspection, both empty and full chlorine cylinders were stored outside of the chemical feed building. These cylinders should be shielded from direct sunlight, and singularly chained to prevent upset.
FACILITY	CATEGORY	FINDINGS
TP001 - WELL #2 & #3	Treatment	At the time of inspection, the sample tap downstream of the filters at the treatment plant had threads on the nozzle. 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.

Written Response Required

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 8
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
S1805060-001	Routine	9/4/2018			0.040

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

Violation Date	Sample Result	Maximum Contaminant Level	Analyte	Compliance Period
11/05/2018	63 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
11/05/2018	66 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
11/05/2018	256 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
11/05/2018	260 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
08/16/2018	209 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
08/16/2018	222 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
05/23/2018	203 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
05/23/2018	182 UG/L	80 UG/L	TTHM	04/01/2018 - 06/30/2018
02/12/2018	183 UG/L	80 UG/L	TTHM	01/01/2018 - 03/31/2018
02/12/2018	190 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
8006590	01/03/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	12/01/2018 - 12/31/2018
8006589	11/07/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	10/01/2018 - 10/31/2018
8006584	10/04/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	09/01/2018 - 09/30/2018
8006583	09/06/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018
8006577	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 318-361-7246.

Respectfully,

Rory Dobbs

Rory Dobbs, E.I.
LDH/OPH Engineering Services
Region 8 - Monroe

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

Attachments:



Attachment #1 – Pump leaking and no drive guard.



Attachment #2 – Hose connected to chlorine feed.



Attachment #3 – Ground storage tank overflow.



Attachment #4 – Ground storage tank grading.



Attachment #5 – Elevated tank overflow.



Attachment #6 – Air relief valve outlet pipe.



Attachment #7 – Well #3 Discharge piping.



Attachment #8 – Well #2 Corrosion and flaky paint.

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 3345

November 27, 2019

Hal M. Mims
East Hodge Water System
P O Drawer 10
Hodge, LA 71247

Re: Class I Sanitary Survey
East Hodge Water System Public Water System
PWS ID LA1049006
Jackson Parish

Dear Mayor Mims:

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 East Hodge 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	LDH-OPH Engineering Services
Hal M. Mims	Mayor-Village Of East Hodge
Jerry Robinson	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

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/12/2017	07/12/2017	Sanitary Survey, Finished	Minor	Treatment	TP001-WELL #1
Comments: The disinfection system was not set up for automatic switch over at the time of the inspection. The disinfection system must include automatic switchover.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/12/2017	07/12/2017	Sanitary Survey, Finished	Minor	Treatment	TP002-WELL #2
Comments: The disinfection system was not set up for automatic switch over at the time of the inspection. The disinfection system must include automatic switchover.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/25/2014	07/01/2014	Sanitary Survey, Finished	Minor	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: At the time of the inspection, the sample tap located at East Hodge Park and Main Street listed in the Public Water System Monitoring Plan for the town of East Hodge was not observed. A sample tap with a smooth nozzle must be installed at this location.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/25/2014	07/01/2014	Sanitary Survey, Finished	Minor	Treatment	TP002-WELL #2
Comments: At the time of the inspection, the fan in the chlorine room at well 2 did not appear to be functioning. Install or repair the fan at chlorine building for well 2.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
04/18/2013	04/29/2013	Formal Enforcement	Minor	Treatment	TP001-WELL #1
Comments: At the time of inspection, the chlorine building was not equipped with a vent fan. A vent fan is to be installed. The switch for the fan is to be located so that the fan can be activated without entering the building. The light switch is also to be relocated so that it can be activated without entering the building.					

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. All vegetation shall be removed from the fence line and repaired in any areas that contain holes (Photo 1).

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	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. 40CFR 141.33(c). At the time of the survey Chemical Sampling Results, Consumer Confidence Reports (CCRs), Flushing Programs, Financial Question Set and a Compliant Log were not available for review.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE	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 (see Photo 2).
FACILITY	CATEGORY	FINDINGS
1049006-002 - 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 rear panel of the electrical box and the slab at the well shall be sealed to prevent contamination.


Photo 1


Photo 2


Photo 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
GR001 - GROUND STORAGE	Finished Water Storage	Ladders, ladder guards, balcony railings, and safely located entrance hatches shall be provided where applicable. The ladder shall be terminated six (6') feet from the ground (Photo 3).
FACILITY	CATEGORY	FINDINGS
TP001 - WELL #1	Treatment	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. Each of the cylinders shall be chained and secured separately.

Written Response Required

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

CERTIFIED MAIL: 7015 1730 0001 9825 3419 – Return Receipt Requested

July 16, 2019

Kathryn W Plunkett
McDonald Water System
173 Plunkett Road
Jonesboro, LA 71251

Re: Class I Sanitary Survey
McDonald Water System
PWS ID LA1049011
Jackson Parish

Dear Mrs. Plunkett:

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 McDonald 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
Kathryn W Plunkett	McDonald Water System
Robert E Plunkett	McDonald 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
1049011-001 - Well #1	Source	At the time of inspection, Well #1 had a drawdown tube that was pointing upwards and wasn't screened. 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. Please ensure there is no pathway for contamination through the drawdown tube. See attachment 1.
Facility	Category	Findings
1049011-002 - Well #2	Source	At the time of inspection, Well #2 had an electrical box that was not properly sealed. Please seal this to eliminate a possible pathway for contamination. See attachment 2.

Deficiencies

Facility	Category	Findings
GR001 - Fain Road Ground Storage Tank	Finished Water Storage	At the time of inspection, the overflow for the ground storage tank was not screened. The overflow pipe must be screened with 24 mesh non-corrodible screen. See attachment 3.
Facility	Category	Findings
TP001 – Main Treatment Plant	Treatment	At the time of inspection, the chlorine building did not have a working fan. The chlorine room must be equipped with a working fan. See attachment 4.
Facility	Category	Findings
1049011-001 - Well #1	Source	At the time of inspection, the casing and discharge piping for Well #1 were showing signs of corrosion. Please clean and paint the well to resist any further corrosion that could lead to a potential source of contamination. See attachment 1.
Facility	Category	Findings
1049011-001 - Well #1	Source	At the time of inspection, the casing vent for Well #1 was not properly screened. The openings of well casing vent pipes shall face downward and shall be screened to prevent the entrance of foreign matter.
Facility	Category	Findings
1049011-002 - Well #2	Source	At the time of inspection, the casing and discharge piping for well #2 was showing visible 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 2.
Facility	Category	Findings
1049011-001 - Well #1	Source	At the time of inspection, the pressure gauge on Well #1 was not functional. The discharge piping shall 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
GR001 - Fain Road 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 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.

Written Response Required

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 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 #1.



Attachment #2: Well #2.



Attachment #3: GST Overflow.



Attachment #4: Chlorine room not equipped with a fan.

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL: 7018 0680 0001 2491 1709 – Return Receipt Requested

June 7, 2019

Kathy Robertson
North Hodge Water System
P O Box 520
Hodge, LA 71247

Re: Class I Sanitary Survey
North Hodge Water System
PWS ID LA1049012
Jackson Parish

Dear Mayor Robertson:

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 North Hodge 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 VII
Jerry Robinson	Bear Creek 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
DS0950 - Distribution System	Distribution System	At the time of inspection, the water system had adopted a cross connection ordinance and had a survey completed by a third party. The water system has not enforced the policy on the affected customers listed in the survey. Please enforce the cross connection ordinance for the affected customers. When backflow devices are installed they must be inspected annually by a duly licensed plumber and records of these inspections must be kept by the water system.
FACILITY	CATEGORY	FINDINGS
1049012-003 - Well #3	Source	At the time of inspection, Well #3 was equipped with a piece of hose being used as a tube for drawdown tests that was not screened or pointing downward. Please appropriately seal this tube to prevent any entrance of outside contamination. See attachment 2.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, the water system was in possession of secondary standards for validation of their colorimeters. They had not kept any records of the validations. Please validate your colorimeter in accordance with the manufacturer's recommendation. Please document these validations as well.
FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	At the time of inspection, there were multiple records of chemical sampling that could not be found. Records of chemical analyses shall be kept for no less than ten years, and shall be made available during inspections and sanitary surveys performed by LDH.
FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of inspection, neither Well #2 nor Well #3 had any means of measuring flow. The discharge piping shall be equipped with a means of measuring flow.
FACILITY	CATEGORY	FINDINGS
EL002 - Elevated	Finished Water Storage	At the time of inspection, the Elevated Tank had an overflow that was piped into the ground and discharged into a ditch outside the fenced area. The overflow must terminate between 12 and 24 inches above the ground and must discharge over a splash plate or drainage inlet structure. See attachment 4.
FACILITY	CATEGORY	FINDINGS
EL002 - Elevated	Finished Water Storage	At the time of inspection, the operator was not sure when the last time the Elevated Tank was inspected or cleaned. An inspection period of 3 to 5 years is recommended. The water system has no recent inspections to support the overall health of the Elevated Tank's interior or exterior conditions. In addition to exterior cleaning and/or painting, the interior surfaces of the Elevated Tank could benefit from an inspection.
FACILITY	CATEGORY	FINDINGS
TP002 - Well #2 & #3	Treatment	At the time of inspection, the chlorine building for Wells 1 and 2 did not have a light installed. The chlorine room must be equipped with a working light.
FACILITY	CATEGORY	FINDINGS
1049012-003 - Well	Source	At the time of inspection, the raw water tap for Well #3, when opened, discharged water while the well was off. This is indicative of a faulty

#3		check valve. Please inspect the check valve and make any necessary repairs to insure proper operation.
FACILITY	CATEGORY	FINDINGS
1049012-002 - Well #2	Source	At the time of inspection, Well #2 did not have a functioning pressure gauge or a means of measuring flow. The wells discharge piping must be equipped with a working pressure gauge and a means of measuring flow.
FACILITY	CATEGORY	FINDINGS
1049012-002 - Well #2	Source	At the time of inspection, Well #2 had noticeable signs of rust and insect nests present on the discharge piping. Please clean off the well and repaint to prevent any further damage. See attachment 3.
FACILITY	CATEGORY	FINDINGS
1049012-003 - Well #3	Source	At the time of inspection, Well #3 was showing signs of rust. Please clean and repaint Well #3 to protect the well casing and discharge piping from any further damage. 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.

Written Response Required

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
8002005	08/03/2018	Inadequate Min Chlorine Residual	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.



Attachment 2.



Attachment 3.



Attachment 4.

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 3369

November 25, 2019

Billy Ford
Punkin Center Hilltop WS
6244 Quitman Hwy
Quitman, LA 71268

Re: Class I Sanitary Survey
Punkin Center Hilltop WS Public Water System
PWS ID LA1049013
Jackson Parish

Dear Mr. Ford:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 13, 2019 sanitary survey inspection of the public water supply system for Punkin Center Hilltop 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
Hannah Beatty	LDH-OPH Engineering Services
Roger Williams	Punkin Center Hilltop 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
07/12/2017	08/29/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED
Comments: The water system should implement a program to clean, inspect, repair, and paint all storage tanks on a five year schedule.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/12/2017	08/29/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GROUND
Comments: The system should implement a program to have all storage tanks cleaned, inspected, repaired, and painted on a five year schedule.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/12/2017	08/29/2017	Sanitary Survey, Finished	Minor	Source	1049013-002-WELL 2
Comments: It was noted that the casing may not be 12" above the concrete apron surface and 18" above the ground surface. During the next well rehabilitation, insure the well driller measures the casing and extends it to the proper height.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	The overflow piping on the ground storage tank was located near the top of the structure. All water storage structures shall be provided with an overflow pipe 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 Figure 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 - WELLS 2 & 5	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, and stored in areas not in direct sunlight or exposed to excessive sunlight. See Figure 2.
FACILITY	CATEGORY	FINDINGS
TP002 - WELLS 4	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, and stored in areas not in direct sunlight or exposed to excessive sunlight.
FACILITY	CATEGORY	FINDINGS
TP002 - WELLS 4	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized.
FACILITY	CATEGORY	FINDINGS
TP001 - WELLS 2 & 5	Treatment	No weighing scales are provided. Weighing scales shall be provided where chlorine gas is utilized. See Figure 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: 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

No monitoring violations were reported in the past year.

Maximum Contaminant 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 318-676-7434.

Respectfully,

Hannah Beatty, P.E.

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



Figure 1 Ground storage tank in need of lowered overflow piping



Figure 2 Chlorine cylinders chained together and without 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 0001 0572 3390

December 4, 2019

Ken Garner
Southeast Hodge Water System
P O Box 521
Hodge, LA 71247

Re: Class I Sanitary Survey
Southeast Hodge Water System
PWS ID LA1049017
Jackson 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 November 13, 2019 sanitary survey inspection of the public water supply system for Southeast Hodge 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
Madonna Caldwell	Hodge 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
07/12/2017	08/29/2017	Sanitary Survey, Finished	Significant	Other	Management
Comments: The water system currently has 40 connections. There is a concern regarding the water system's ability to remain solvent to continue making payments for chlorine and other operating costs. In the event the water system is unable to purchase chlorine, the system will be providing untreated water to the public. The system maintains an emergency connection to East Hodge. The system must provide information regarding the plan to remain solvent to operate, considerations for providing water through a purchase agreement, or merge with a neighboring systems.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/12/2017	08/29/2017	Sanitary Survey, Finished	Significant	Security	Management
Comments: Insure the fence is kept clear of vines and overgrowth. NOTE: (11/13/2019) Several tree limbs were growing over the fence which could compromise its integrity if they were to fall.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/12/2017	08/29/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	GR001-GROUND
Comments: The tank should be cleaned, inspected, and repaired on a five year schedule.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The 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 system's 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 customer's 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 system's 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. 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.
FACILITY	CATEGORY	FINDINGS
TP001 - WELL #1	Treatment	The chlorine pump was resting on the chlorine barrel. Pumps must be fixed in an area where they cannot be knocked over or damaged. 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 Figure 1.
FACILITY	CATEGORY	FINDINGS
1049017-001 - WELL #1	Source	The well slab was cracked in the area surrounding the casing. The slab also had vegetation growing on it and pieces of concrete. These cracks must be sealed. 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 Figure 2.

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
Management	M&R and Data	The system did not have the Consumer Confidence Reports, Lead and Copper Results, or Disinfection Byproducts Rule paperwork

	Verification	available at the time of the survey. 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 is 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.

Written Response Required

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

No monitoring violations were reported in the past year.

Maximum Contaminant 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
8005929	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 318-676-7434.

Respectfully,

Hannah Beatty, P.E.

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



Figure 1 Chlorine Pump



Figure 2 Fractured Well Slab

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 8092** – Return Receipt Requested (Original)
CERTIFIED MAIL: **7018 0680 0001 2488 9169** – Return Receipt Requested (Reprint)

June 6, 2019 – Reprint
Original Went Unclaimed

Lymon Hall, President
Weston Water System
Post Office Box 324
Jonesboro, LA 71251

Re: Class I Sanitary Survey
Weston Water System Public Water System
PWS ID LA1049019
Jackson Parish

Dear Mr. Hall:

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 Weston 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
John Culpepper, Sr.	Weston Water System
John Culpepper, Jr.	Weston 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
11/08/2017	11/08/2017	Sanitary Survey, Finished	Minor	Operator Compliance with State Requirements	Management
Comments: 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. The number of service connections changed from 351 to 630, meaning the operator for the system needs to have class 2 licenses(for the population being over 1,000), and the operator currently has some class 1 licenses.					

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 form of a Cross Connection Control Program, but the water system was not enforcing the program. Minimal backflow test results were available for review. Also, the program was not very specific (a couple pages long) about the details and did not give the system the tools needed to effectively enforce the 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. 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 inspection reports for all customers with backflow preventers.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data	During review of the water system records, it was noted that the water system did not measure the free chlorine residual at the ACR

	Verification	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
1049019-003 - WELL 3 BLANKENSHIP RD	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. Paint the well discharge piping with NSF 61 approved paint. (See Attachment #1)
FACILITY	CATEGORY	FINDINGS
1049019-004 - WELL 4 LA 4 WEST SITE	Source	At the time of inspection, the paint on the discharge piping for Well #4 appeared to be flaking and peeling off. The well piping must be properly protected from physical damage due to rust and corrosion. Paint the well discharge piping with NSF 61 approved paint.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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 3 SITE ON BLANKENSHIP RD	Treatment	There were no scales provided for chlorine gas cylinders at the Blankenship Treatment Plant. Weighing scales shall be provided for weighing cylinders at all plants utilizing chlorine gas. Install weighing scales for the chlorine bottles.

FACILITY	CATEGORY	FINDINGS
TP004 - WELL 4 SITE LA 4 WEST	Treatment	There were no scales provided for chlorine gas cylinders at the LA 4 West Treatment Plant. Weighing scales shall be provided for weighing cylinders at all plants utilizing chlorine gas. Install weighing scales for the chlorine bottles.
FACILITY	CATEGORY	FINDINGS
TP005 - WELL 5 SITE LA 4 EAST	Treatment	There were no scales provided for chlorine gas cylinders at the LA 4 East Treatment Plant. Weighing scales shall be provided for weighing cylinders at all plants utilizing chlorine gas. Install weighing scales for the chlorine bottles.
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 Weston Water System complaint log form once it is finalized.
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
SERVICE PUMP BUILDINGS	System Management and Operation	It was noted during the inspection that the temperature was elevated inside the pump houses at the Blankenship site and the LA 4 East Site due to a combination of the outside temperature and the heat generated inside by the running pump and electrical equipment. The ventilating fan inside the pump building at the Blankenship site was broken. This office recommends installing a form of temperature control inside these buildings to prevent overheating of the Variable Frequency Drive electrical control panels and to extend the life of the equipment housed inside.
FACILITY	CATEGORY	FINDINGS
SITE GROUNDS AND HOUSING	System Management and Operation	It was noted during the inspection that several 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

No Positive Samples were reported in the past year.

Violation History

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	96 UG/L	80 UG/L	TTHM	10/01/2018 - 12/31/2018
08/16/2018	94 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 318-361-7210.

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 – Well #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 8334** – Return Receipt Requested

July 26, 2019

Tommy Johns, President
Walker Community System
Post Office Box 562
Jonesboro, LA 71251

Re: Class I Sanitary Survey
Walker Community System Public Water System
PWS ID LA1049023
Jackson Parish

Dear Mr. Johns:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 16, 2019 sanitary survey inspection of the public water supply system for Walker Community 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
John Newman	Walker Community Water System
John Newman III	Walker 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

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."

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 Additional Chlorine Residual (ACR) point as identified on the Monitoring Plan Portal (located at https://www.ldhh-mpp.org/). The system must measure the free chlorine residual once a month at the ACR (286 Reed Road) and record these measurements on LDH Approved Chlorine Residual Forms #3. 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
1049023-002 - WELL #2	Source	At the time of inspection, it appeared that the check valve on the well discharge piping was not functioning properly. The check valve must be inspected and repaired or replaced.
FACILITY	CATEGORY	FINDINGS
1049023-003 - WELL #3	Source	At the time of inspection, it appeared that the check valve on the well discharge piping was not functioning properly. The check valve must be inspected and repaired or 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 - WELL #1 & #2	Treatment	The water system did not have spare chlorine pumps for replacement. Spare pump parts should be available to replace parts that are subject to wear and damage.
FACILITY	CATEGORY	FINDINGS
SP001 & 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 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.

Written Response Required

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 2488 9060** – Return Receipt Requested

May 13, 2019

Wayne Nash, President
Ebenezer Water System
174 Ira Wyatt Road
Chatham, LA 71226

Re: Class I Sanitary Survey
Ebenezer Water System Public Water System
PWS ID LA1049026
JACKSON Parish

Dear Mr. Nash:

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 Ebenezer 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
John Culpepper, Sr.	Ebenezer Water System
John Culpepper, Jr.	Ebenezer 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
07/26/2016	08/05/2016	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: At the time of the inspection, it was noted the Ebenezer Water System has not adopted, nor is enforcing a cross connection control program. Adopt and enforce a cross connection control program.					

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
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 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
1049026-001 - WELL #1	Source	The pressure gauge on the discharge piping of 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.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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	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 Ebenezer Water System complaint log form once it is finalized.

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

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 8009** – Return Receipt Requested

April 16, 2019

Alex Williams
Paradise Point Water System
201 Holiday Boulevard, Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
Paradise Point Water System Public Water System
PWS ID LA1049032
Jackson 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 March 28, 2019 sanitary survey inspection of the public water supply system for Paradise Point 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
William P. Mckenney	Utilities Inc. of Louisiana
James Evans	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 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: 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 7972

February 28, 2019

Alex Williams
HANCOCK HAVEN WATER SYSTEM
201 Holiday Boulevard, Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
HANCOCK HAVEN WATER SYSTEM Public Water System
PWS ID LA1049033
JACKSON 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 February 27, 2019 sanitary survey inspection of the public water supply system for HANCOCK HAVEN 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
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

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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1803265-001	Routine	6/6/2018		1.250	1.450

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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 318-361-7228.

Respectfully,

Scott Green,
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

CERTIFIED MAIL: 7018 0680 0001 2497 7965

February 28, 2019

Alex Williams
MT MORIAH WATER SYSTEM
201 Holiday Boulevard, Suite 150
Covington, LA 70433

Re: Class I Sanitary Survey
MT MORIAH WATER SYSTEM Public Water System
PWS ID LA1049036
JACKSON 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 February 27, 2019 sanitary survey inspection of the public water supply system for MT MORIAH 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
Carol Justus	LDH OPH Engineering Region 8
Scott Green	LDH OPH Engineering Region 8
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

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: 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

Violation Number	Violation Date	Violation Type	Compliance Period
9	07/03/2018	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 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: 7016 2710 0000 4927 6620

November 8, 2019

Josh Corley
LaSalle Waterworks District 1
PO Box 1
Trout, LA 71371

Re: Class I Sanitary Survey
LaSalle Waterworks District 1
PWS ID LA1059002
LaSalle Parish

Dear Mr. Corley:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 4, 2019 sanitary survey inspection of the public water supply system for LaSalle Waterworks 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
Rachael Bruce	LDH OPH Engineering Services
James Monroe	LDH OPH Engineering Services
Charles "John" Smith	LaSalle Water Works District No 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

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the inspection, the water system did not have documentation that the backflow prevention devices installed had been tested annually. The water system shall provide documentation to show that the backflow prevention devices installed have been properly tested.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	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. The water system shall acquire a set of low and high standards from an approved source.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	The overflow pipe for the EST is not at an elevation between 12 and 24 inches above the ground surface, and does not discharge over a splash plate or drainage inlet. The water system shall extend the overflow from the top of the tank to within 12 and 24 inches 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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to 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 WELLS AT OFFICE	Treatment	Weighing scales are not provided at the treatment plant. The water system should provide scales for weighing cylinders at the treatment plant. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
TP002 - DISINFECTION WELL KNAPP 2	Treatment	Weighing scales are not provided at the treatment plant. The water system should provide weighing scales at the treatment plant.
FACILITY	CATEGORY	FINDINGS
TP003 - DISINFECTION WELL WALKER 1	Treatment	Weighing scales are not provided at the treatment plant. The water system should provide weighing scales at the treatment plant.

Written Response Required

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

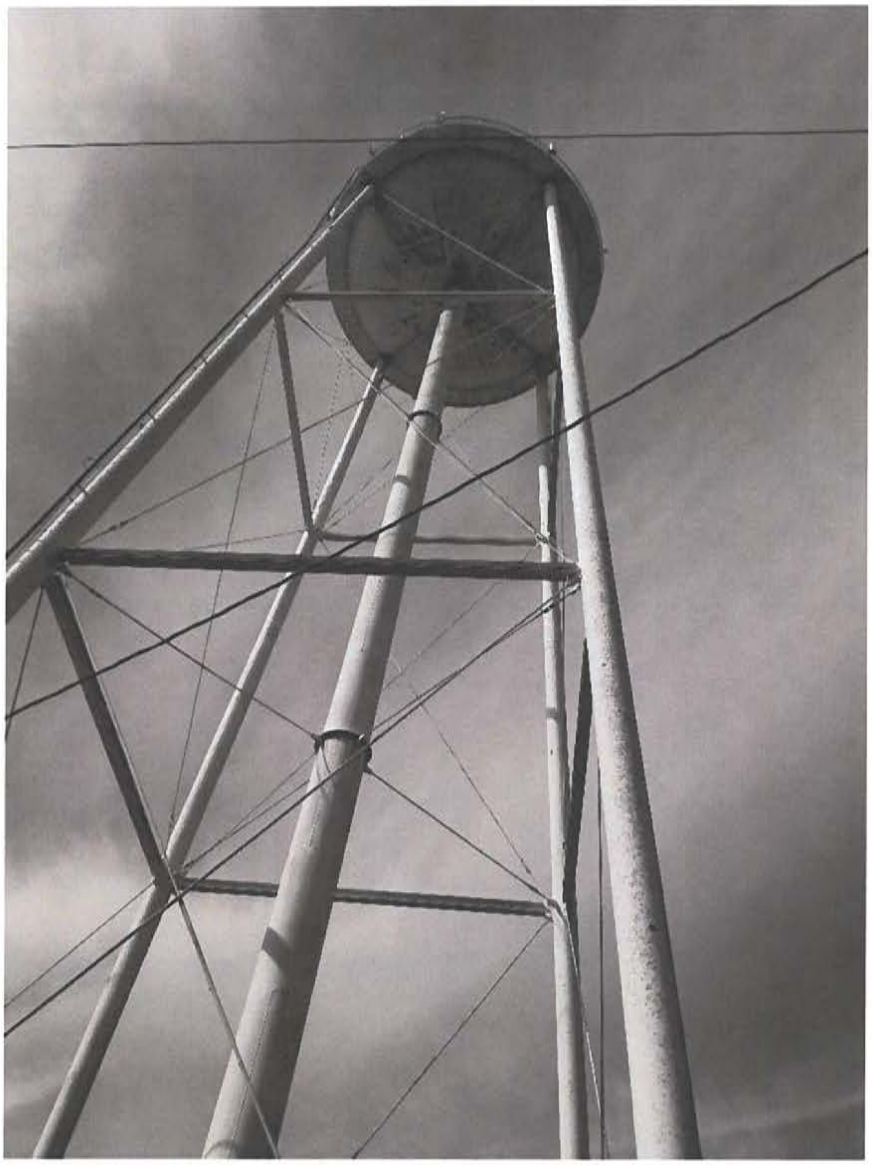
State of Louisiana

Department of Health

Office of Public Health



Attachment #1
Severity: Recommendations
Facility ID: DISINFECTION WELLS AT OFFICE
Category: Treatment
Attachment Comments: Scales not provided for weighing gas cylinders



Attachment #2
Severity: Minor
Facility ID: ELEVATED
Category: Finished Water Storage
Attachment Comments: Overflow on EST is located at the top of the tank.

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 6002

July 19, 2019

Ladawn Edwards
Town of Jena Water System
PO Box 26
Jena, LA 71342

Re: Class I Sanitary Survey
Town of Jena Water System
PWS ID LA1059003
LaSalle Parish

Dear Mrs. Edwards:

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 TOWN of JENA 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
Rachael Bruce	LDH OPH Engineering Services
William Charlot	LDH OPH Engineering Services
David Miller	Town of Jena

NOTICE OF VIOLATIONS

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

The following list 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	09/15/2017	Sanitary Survey, Finished	Minor	Treatment	TP002-TP @ GAHARAN WELL
Comments: Fan is inoperative and should be repaired or replaced; lighting does not work.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/11/2017	09/15/2017	Sanitary Survey, Finished	Minor	Treatment	TP003-TP @ HIGH SCHOOL WELL
Comments: Fan is inoperative and needs to be repaired/replaced; recommend maintenance work to done on building.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Cross Connection Control Plan ordinance was passed and survey completed. The water system doesn't have the annual testing reports required. The water system will fully implement the CCCP including the annual backflow device testing reports.
FACILITY	CATEGORY	FINDINGS
1059003-006 - WELL WELCH HWY 127	Source	The concrete slab around the well was broken in order to make repairs to the well. The water system will re-seal the area to prevent introduction of contamination into the well casing and discharge piping. **See Attachment #6**

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Water system was not recording the ACR monthly chlorine residuals on the SDWP Report #3 since January 2018. The system will begin recording the ACR on the proper reporting form.
FACILITY	CATEGORY	FINDINGS
EL002 - ELEVATED AT HWY 8	Finished Water Storage	A 4 mesh non-corrodible screen was not provided inside the valve on the overflow. The water system will provide a 4 mesh non-corrodible screen. **See Attachment #7**
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED AT PARK	Finished Water Storage	The overflow is not at least 12 inches from the ground surface. The water system will raise the overflow to 12-24 inches from the ground surface. **See Attachment #1**

FACILITY	CATEGORY	FINDINGS
TP006 - TP @ WELCH WELL	Treatment	The caustic and orthophosphate storage tanks do not have a receiving basin capable of receiving accidental spills or overflows. The water system will provide a properly sized receiving basin
FACILITY	CATEGORY	FINDINGS
TP005 - TP @ SANDIFER WELL	Treatment	The caustic and orthophosphate storage tanks do not have a receiving basin capable of receiving accidental spills or overflows. The water system will provide a properly sized receiving basin. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
TP001 - TP @ DUKE WELL	Treatment	The caustic and orthophosphate storage tanks do not have a receiving basin capable of receiving accidental spills or overflows. The water system will provide a properly sized receiving basin.
FACILITY	CATEGORY	FINDINGS
TP002 - TP @ GAHARAN WELL	Treatment	The ventilating fan in the area where the chlorine gas is stored is not in working order. The water system will repair the existing fan. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1059003-005 - WELL SANDIFER	Source	Pressure gauge on well was not in working order. The water system shall replace/repair the pressure gauge on the well. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
1059003-003 - WELL HIGH SCHOOL	Source	The vent was not screened with a 24 mesh corrosion resistant screen. The water system shall screen the vent with a 24 mesh non corrosion resistant screen **See Attachment #8**
FACILITY	CATEGORY	FINDINGS
1059003-002 - WELL GAHARAN	Source	The vent was not screened with a 24 mesh corrosion resistant screen. The water system shall screen the vent with a 24 mesh non 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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to 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
TP006 - TP @ WELCH WELL	Treatment	Weighing scales not provided for weighing chlorine gas cylinders. The water system should provide 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 – 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

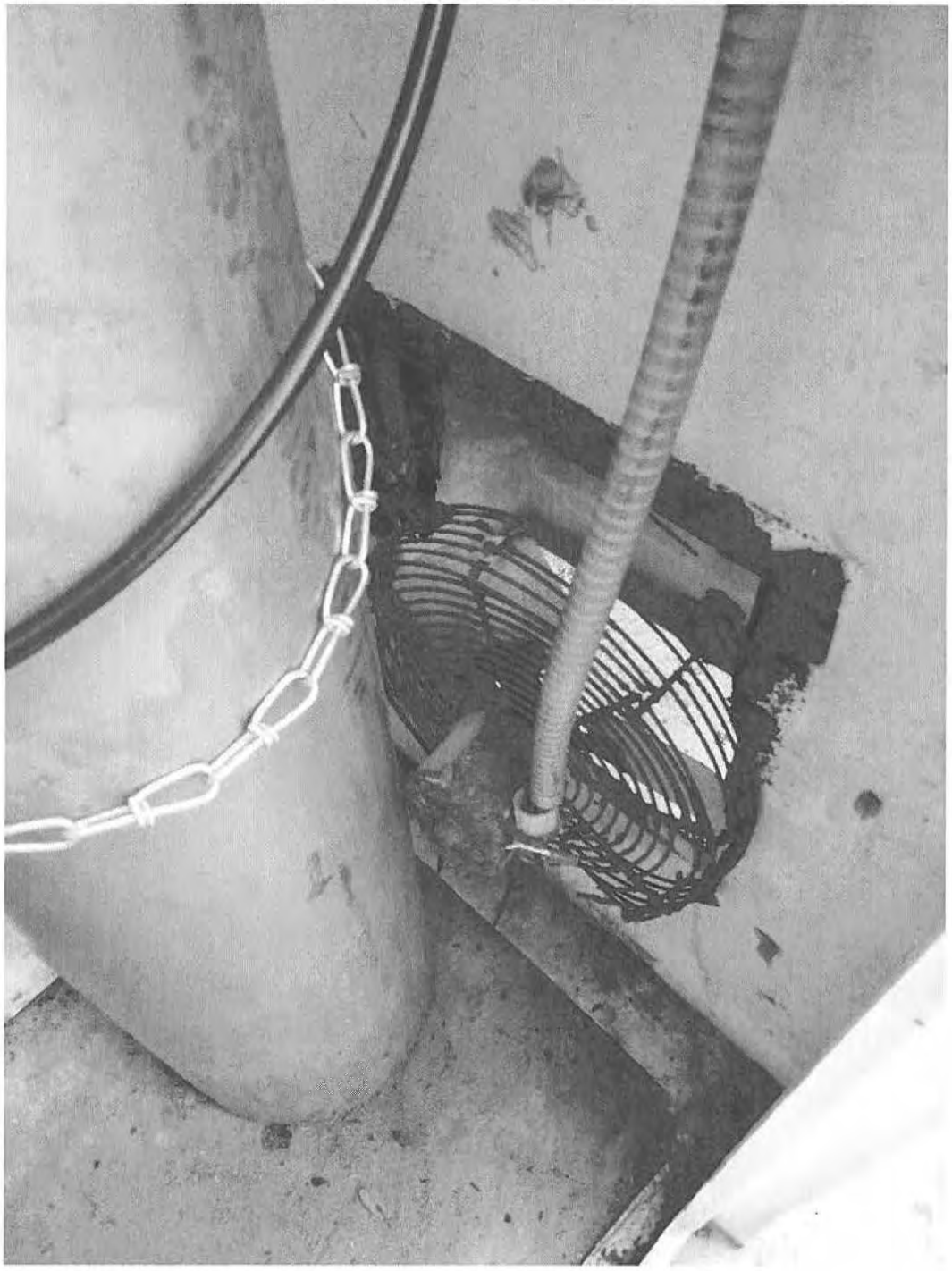
State of Louisiana

Department of Health

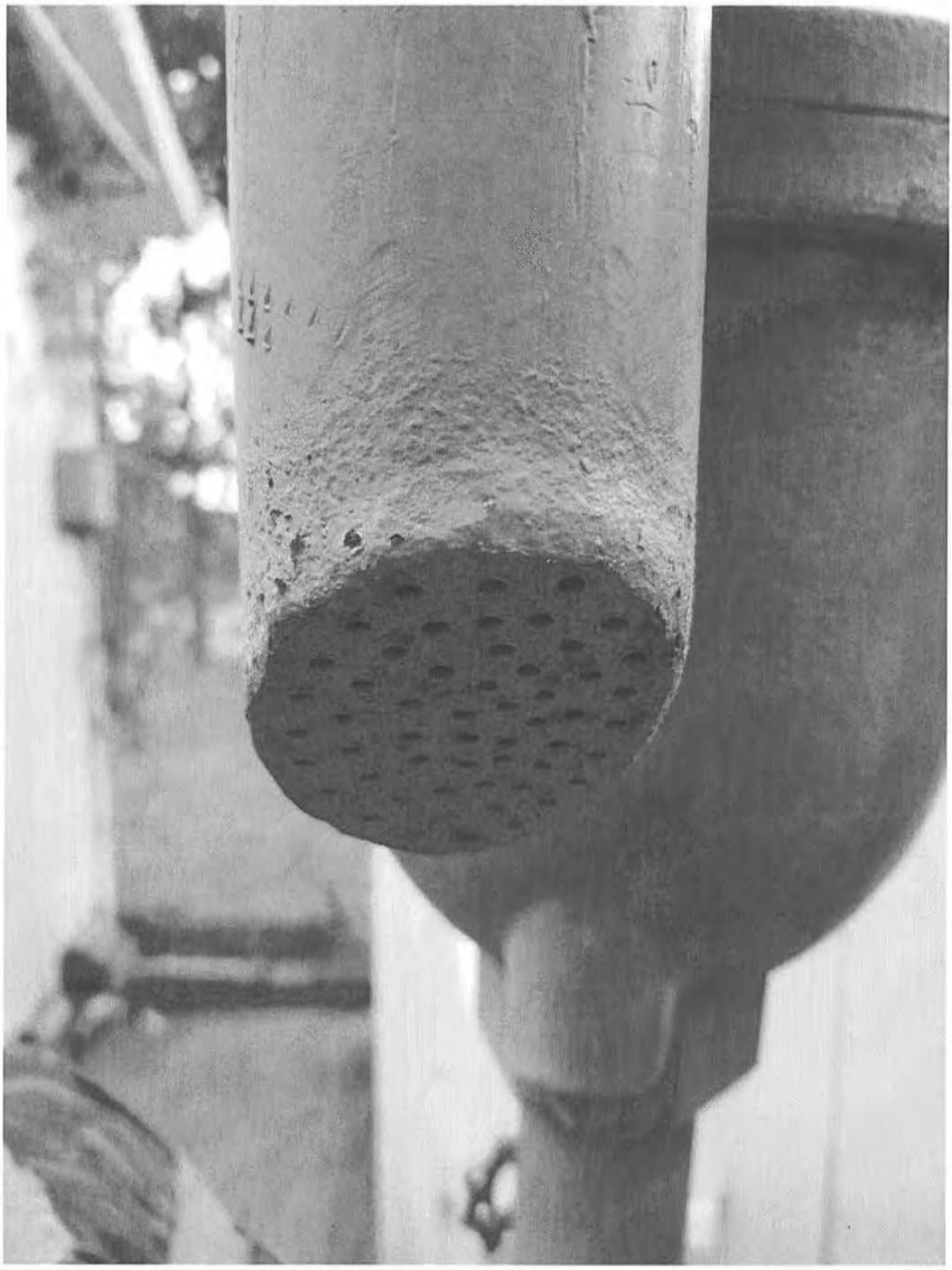
Office of Public Health



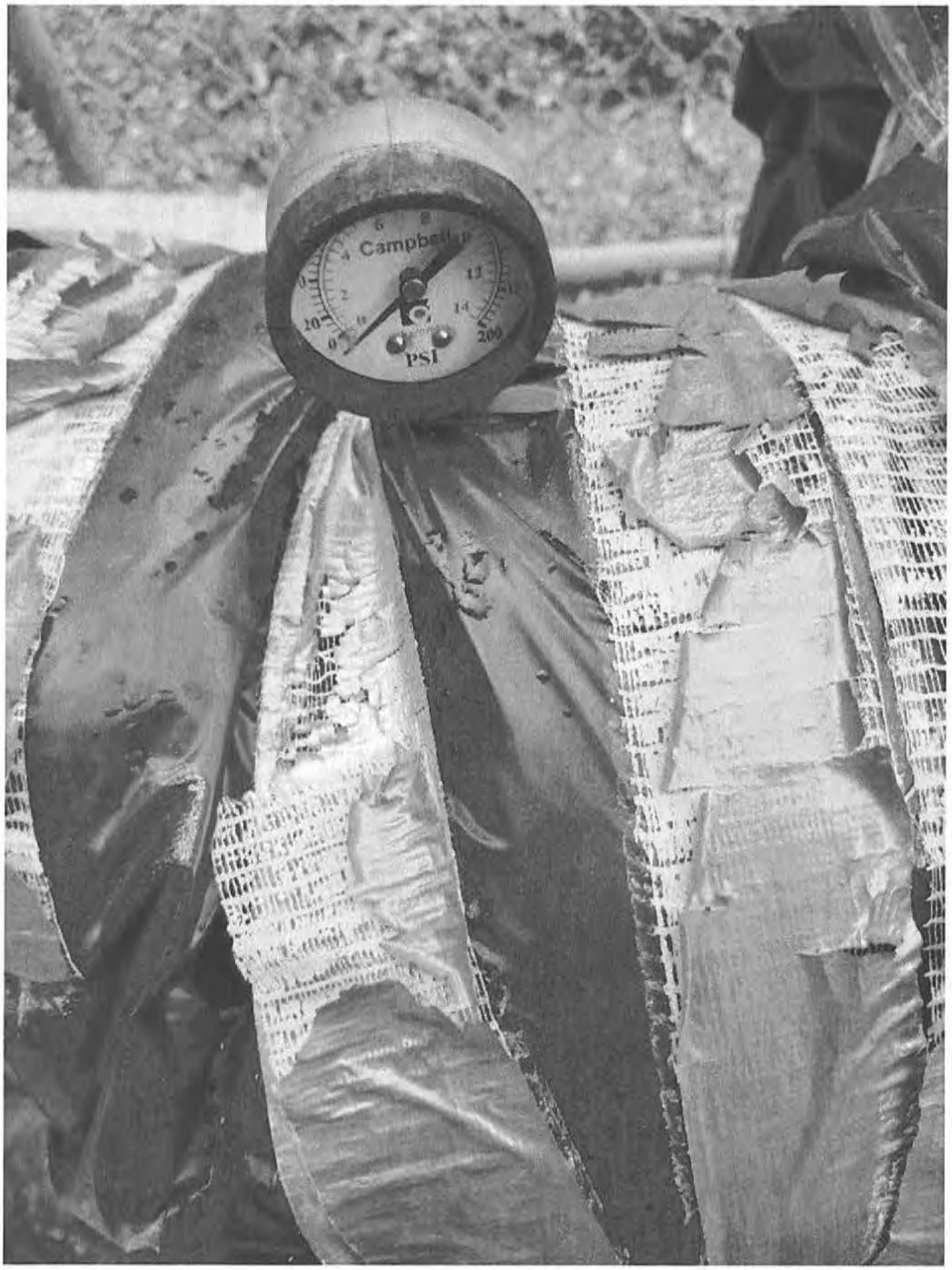
Attachment #1
Severity: Minor
Facility ID: ELEVATED AT PARK
Category: Finished Water Storage
Attachment Comments: Elevate Tank at Park overflow



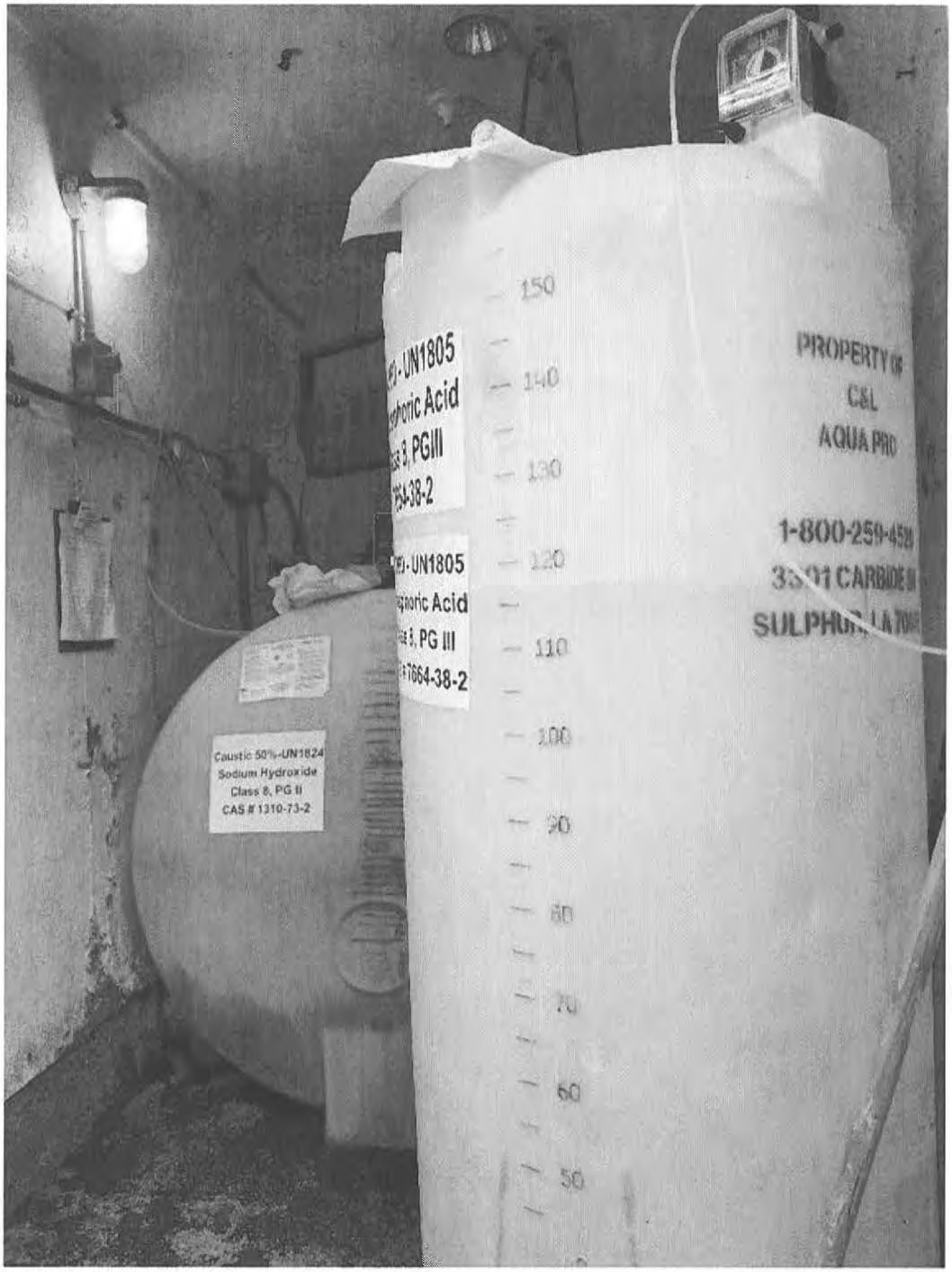
Attachment #2
Severity: Minor
Facility ID: TP @ GAHARAN WELL
Category: Treatment
Attachment Comments: Fan in Gaharan TP



Attachment #3
Severity: Minor
Facility ID: WELL GAHARAN
Category: Source
Attachment Comments: Gaharan well



Attachment #4
Severity: Minor
Facility ID: WELL SANDIFER
Category: Source
Attachment Comments: Pressure gauge on Sandifer well



Attachment #5
Severity: Minor
Facility ID: TP @ SANDIFER WELL
Category: Treatment
Attachment Comments: Sandifer Treatment Plant- no receiving basin



Attachment #6
Severity: Significant
Facility ID: WELL WELCH HWY 127
Category: Source
Attachment Comments: Welch Well concrete slab missing



Attachment #7
Severity: Minor
Facility ID: ELEVATED AT HWY 8
Category: Finished Water Storage
Attachment Comments: Overflow not screened



Attachment #8
Severity: Minor
Facility ID: WELL HIGH SCHOOL
Category: Source
Attachment Comments: High School Well vent screen

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 6422

September 27, 2019

Ricky Shirley
Nebo Water System Inc.
PO Box 624
Harrisonburg, La 71340

Re: Class I Sanitary Survey
Nebo Water System Inc.
PWS ID LA1059005
LA SALLE Parish

Dear Mr. Shirley:

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 Nebo 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
James Monroe	LDH OPH Engineering Services
Dewayne Littleton	JCP Management Inc.
Mike 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

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP003 - PHOSPHATE TREATMENT	Treatment	The injector pump for the phosphate 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. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
TP001 - DISINFECTION	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 - PHOSPHATE TREATMENT	Treatment	There is no secondary containment provided for the either of the phosphate containers 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 #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
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The pipes within the pump 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. **See Attachment #2**
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

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

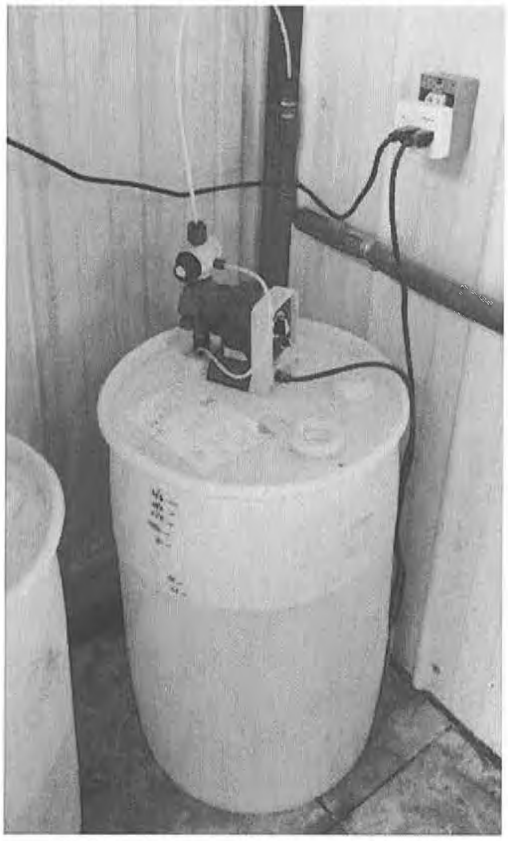
Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



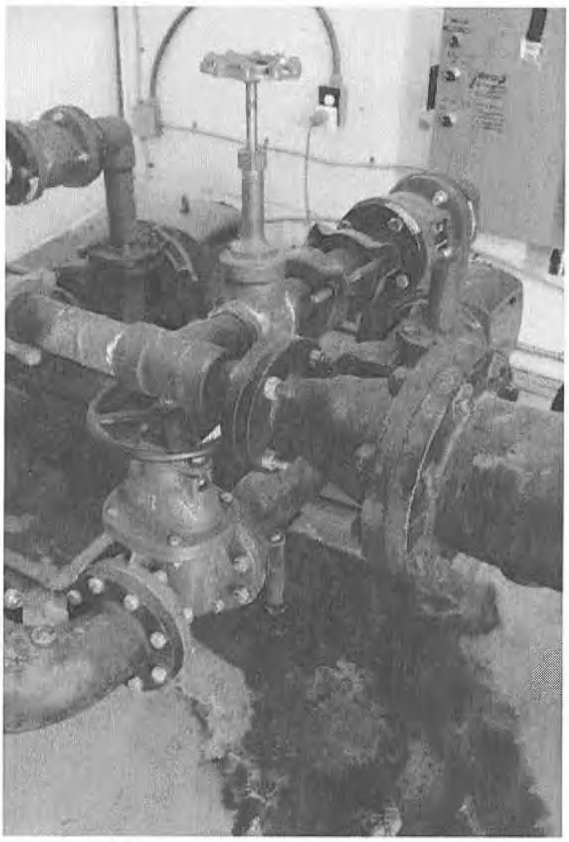
Attachment #1

Severity: Minor

Facility ID: PHOSPHATE TREATMENT

Category: Treatment

Attachment Comments: Pump Resting on Tank / No Secondary Containment



Attachment #2

Severity: Recommendations

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

Attachment Comments: Minor Rust on pipes

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 6644

November 27, 2019

Gean Finlay
Summerville Water System
260 Farm Country Road
Trout, LA 71371

Re: Class I Sanitary Survey
Summerville Water System
PWS ID LA1059009
La Salle Parish

Dear Mr. Finlay:

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 Summerville 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
Rachael Bruce	LDH OPH Engineering
Gean Finlay	Summerville Water System
Blake Nugent	Summerville 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
07/02/2014	07/02/2014	Sanitary Survey, Finished	Significant	Finished Water Storage	GR001-GROUND AT SUMMERVILLE
Comments: The ground water storage tank at Summerville is leaking. The tank is to be inspected and determined if the tank can be repaired or needs to be replaced. There are to be no leaks in the tank.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The cross connection control plan has not been fully implemented. The water system shall fully implement the CCCP.

Deficiencies

FACILITY	CATEGORY	FINDINGS
PF001 - TUBE PUMPS AT SUMMERVILLE GROUND TANK	Pump/pumping facility and control	The piping shows signs of corrosion. The water system shall protect the piping from physical damage.
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND AT ROSEFIELD	Finished Water Storage	A 24 mesh non-corrodible screen is not provided on the overflow. The water system shall install a 24 mesh non-corrodible screen. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND AT SUMMERVILLE	Finished Water Storage	From review the finished water storage facilities (elevated towers, 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. **See Attachment #7**
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND AT ROSEFIELD	Finished Water Storage	Level gauge is not in working order. The water system shall repair/replace the existing level gauge.
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND AT ROSEFIELD	Finished Water Storage	The overflow is not at least 12 inches above the ground surface. The water system shall raise the overflow to at

		least 12 inches above the ground surface. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND AT SUMMERVILLE	Finished Water Storage	The overflow screen is not at least 24 mesh non-corrodible. The water system shall replace the existing screen with a 24 mesh non-corrodible screen. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	Liquid chemical storage tanks do not have receiving basins capable of receiving accidental spills or overflows without uncontrolled discharge. The water system shall provide appropriately sized receiving basins for all liquid chemicals. **See Attachment #6**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	Treatment	The injector pump for the caustic is not properly secured and is resting on the chemical container. The water system shall secure the pump to prevent equipment failure and ensure continuous and proper dosing. **See Attachment #10**
FACILITY	CATEGORY	FINDINGS
1059009-001 - WELL 1	Source	The air release-vacuum relief valve is not covered with a 24 mesh corrosion resistant screen. The water system shall provide a 24 mesh corrosion resistant screen. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1059009-002 - WELL 2	Source	The well piping shows signs of corrosion. The water system shall provide for protection from physical damage. **See Attachment #9**
FACILITY	CATEGORY	FINDINGS
1059009-001 - WELL 1	Source	The well shows signs of corrosion. The water system shall provide protection against physical damage. **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
TP001 - TREATMENT PLANT	Treatment	Weighing scales are not provided for weighing cylinders at the plant. The water system should install weighing scales. **See Attachment #8**

Written Response Required

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

Violation Number	Violation Date	Violation Type	Compliance Period
6003115	05/13/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
6003111	02/05/2019	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) 487-5282x250.

Respectfully,

Rachael Bruce,
Sanitarian 4

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

John Bel Edwards
GOVERNOR

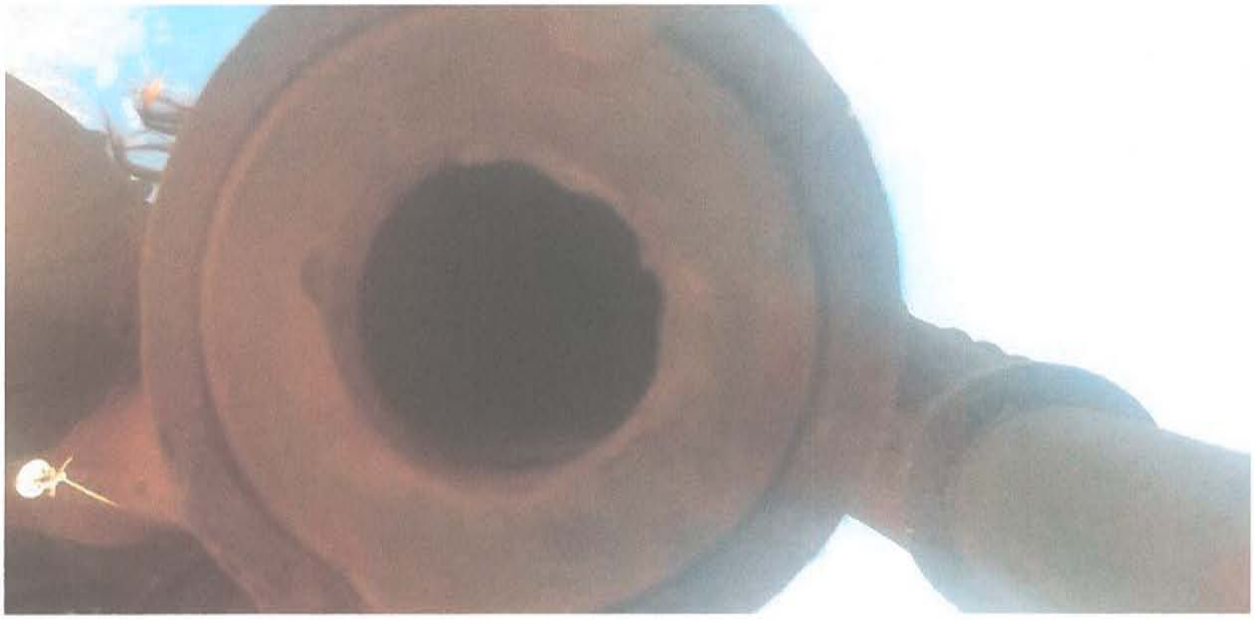
Rebekah E. Gee MD, MPH
SECRETARY

Attachments

State of Louisiana

Department of Health

Office of Public Health



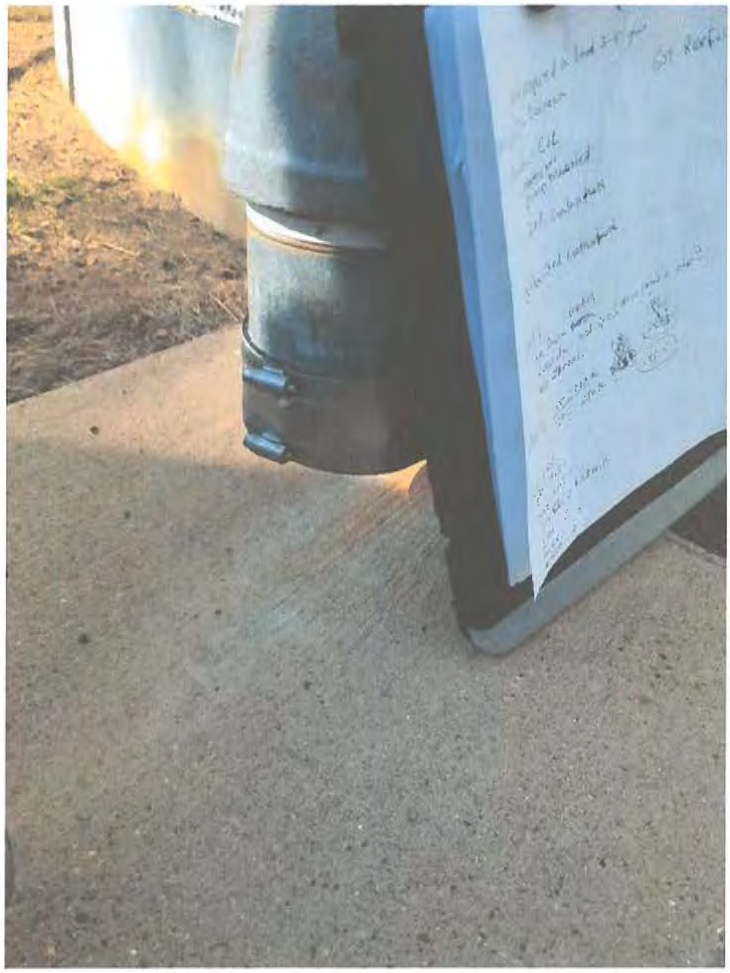
Attachment #1
Severity: Minor
Facility ID: WELL 1
Category: Source
Attachment Comments: Well 1 air relief-vacuum relief valve



Attachment #2
Severity: Minor
Facility ID: WELL 1
Category: Source
Attachment Comments: Well 1



Attachment #3
Severity: Minor
Facility ID: GROUND AT SUMMERVILLE
Category: Finished Water Storage
Attachment Comments: Overflow screen on GST at Summerville



Attachment #4
Severity: Minor
Facility ID: GROUND AT ROSEFIELD
Category: Finished Water Storage
Attachment Comments: Overflow from GST at Rosefield



Attachment #5
Severity: Minor
Facility ID: GROUND AT ROSEFIELD
Category: Finished Water Storage
Attachment Comments: Overflow on GST at Rosefield



Attachment #6
Severity: Minor
Facility ID: TREATMENT PLANT
Category: Treatment
Attachment Comments: Liquid Chemical storage



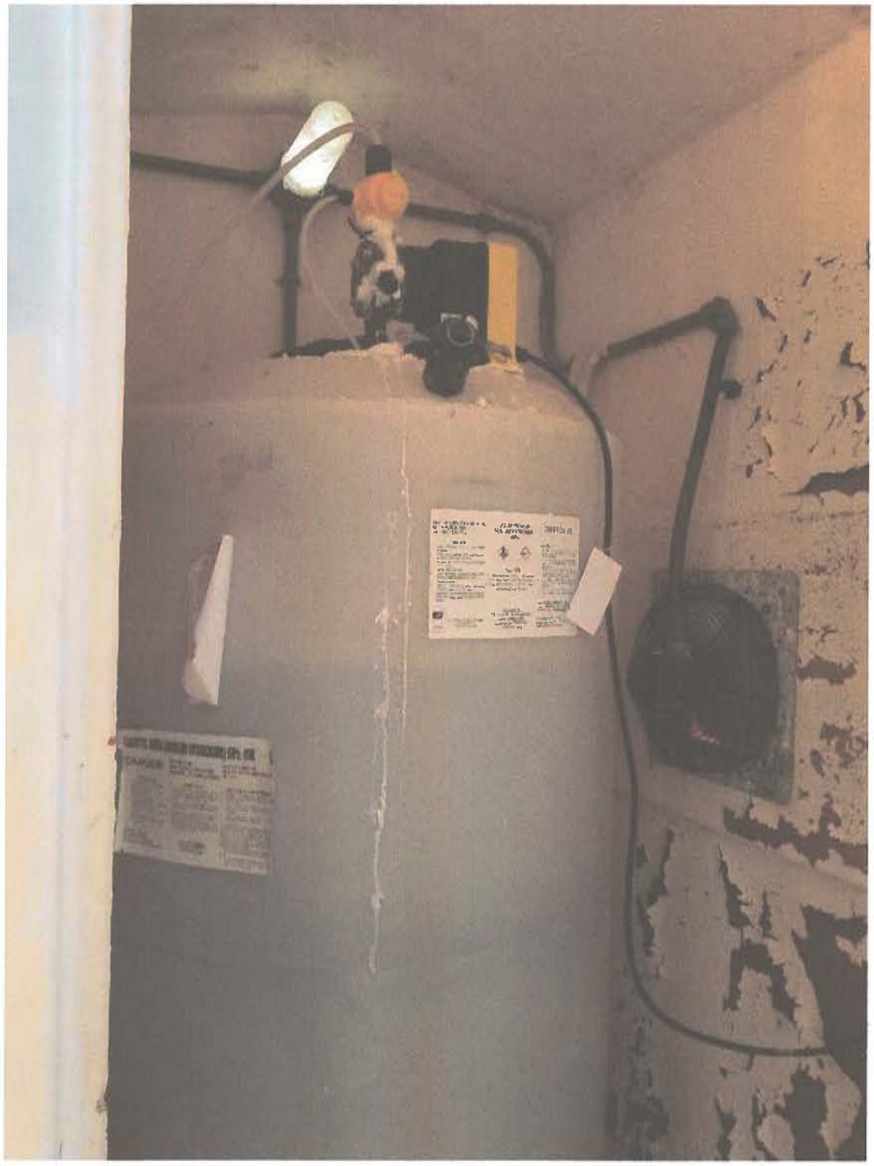
Attachment #7
Severity: Minor
Facility ID: GROUND AT SUMMERVILLE
Category: Finished Water Storage
Attachment Comments: GST at Summerville



Attachment #8
Severity: Minor
Facility ID: TREATMENT PLANT
Category: Treatment
Attachment Comments: Scales not provided



Attachment #9
Severity: Minor
Facility ID: WELL 2
Category: Source
Attachment Comments: Well 2



Attachment #10
Severity: Minor
Facility ID: TREATMENT PLANT
Category: Treatment
Attachment Comments: Chemical feed pump

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 6347

August 20, 2019

Karla Cockerhan
TOWN of TULLOS WATER SYSTEM
P.O. Box 749
Tullos, LA 71479

Re: Class I Sanitary Survey
TOWN of TULLOS WATER SYSTEM Public Water System
PWS ID LA1059010
LA SALLE Parish

Dear Mayor Cockerhan:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 13, 2019 sanitary survey inspection of the public water supply system for TOWN of TULLOS 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
Marlon Causey	Town Of Tullos
William Charlot	LDH OPH Engineering Services
Stephanie Finley	Town Of Tullos

NOTICE OF VIOLATIONS

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

The following list 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
04/11/2017	05/30/2017	Formal Enforcement	Minor	M&R and Data Verification	Management
Comments: Records pertaining to how and when bacti samples collected not available. Records of Chlorine residuals not available					
Visit Date	Notify Date	Reason	Severity	Category	Facility
04/11/2017	05/30/2017	Formal Enforcement	Minor	M&R and Data Verification	Management
Comments: Missing records of notices required to be presented to public.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
04/11/2017	05/30/2017	Formal Enforcement	Minor	M&R and Data Verification	Management
Comments: Records missing to correct previous violation notices.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	The protective fencing surrounding Wells 1 and 3 had significant gaps near the ground that leave the water system facilities exposed. Make necessary repairs/modifications to fence. Please submit labeled photographic documentation of completed repairs. (LAC 51.XII.315.D) **See Attachment #3 and #4**
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND TANK #3	Finished Water Storage	At the time of the inspection, the system had the overflow/drain for the GST connected to a pipe to reroute it from area. No vent/overflow/drain shall have a direct connection to a non-potable water source. There needs to be an "air gap" between the overflow/drain of the GST and any piping use to route the water to different area. (LAC 51:XII.319.D.19) **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
GR003 - GROUND TANK #3	Finished Water Storage	At the time of the inspection, the water level control gauge pipe was not screened. The water level control gauge pipe must be screened with 24 mesh non-corrodible screen and installed to provide protection at all times. (LAC 51:XII.337.C)

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND TANK #1	Finished Water Storage	At the time of the inspection, the water level control gauge pipe was not screened. The water level control gauge pipe must be screened with 24 mesh non-corrodible screen and installed to provide protection at all times.(LAC 51:XII.337.C) **See Attachment #2**

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 January 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
GR003 - GROUND TANK #3	Finished Water Storage	At the time of the inspection the system had no record of maintenance on the GST. 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 - GROUND TANK #1	Finished Water Storage	At the time of the inspection the system had no record of maintenance on the GST. 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
GR003 - GROUND TANK #3	Finished Water Storage	At the time of the inspection, the overflow was not facing downward and not discharging on to a splash pad
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TANK	Finished Water Storage	At the time of the inspection, the tank was 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 **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
TP003 - BOOSTER CHLORINATION	Treatment	The ventilating fan is currently not operational. Where chlorine gas is used/stored, 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.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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
07/16/2019	0.181 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
07/16/2019	0.126 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2019 - 06/30/2019
07/16/2019	0.087 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	04/01/2019 - 06/30/2019
07/16/2019	0.143 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
04/17/2019	0.150 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
04/17/2019	0.088 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	01/01/2019 - 03/31/2019
04/17/2019	0.186 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
04/17/2019	0.133 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
01/16/2019	0.093 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
01/16/2019	0.159 MG/L	0.060 MG/L	TOTAL HALOACETIC ACIDS (HAA5)	10/01/2018 - 12/31/2018
01/16/2019	0.189 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
01/16/2019	0.125 MG/L	0.080 MG/L	TTHM	10/01/2018 - 12/31/2018
09/28/2018	150 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
09/28/2018	85 UG/L	60 UG/L	TOTAL HALOACETIC ACIDS (HAA5)	07/01/2018 - 09/30/2018
09/28/2018	197 UG/L	80 UG/L	TTHM	07/01/2018 - 09/30/2018
09/28/2018	129 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
527	05/08/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	04/01/2019 - 04/30/2019
520	03/25/2019	LEAD CONSUMER NOTICE (LCR)	01/01/2016 - 12/31/2018
517	02/07/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
507	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 318-484-2163.

Respectfully,

James Monroe,
Engineer Manager

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

John Bel Edwards
GOVERNOR

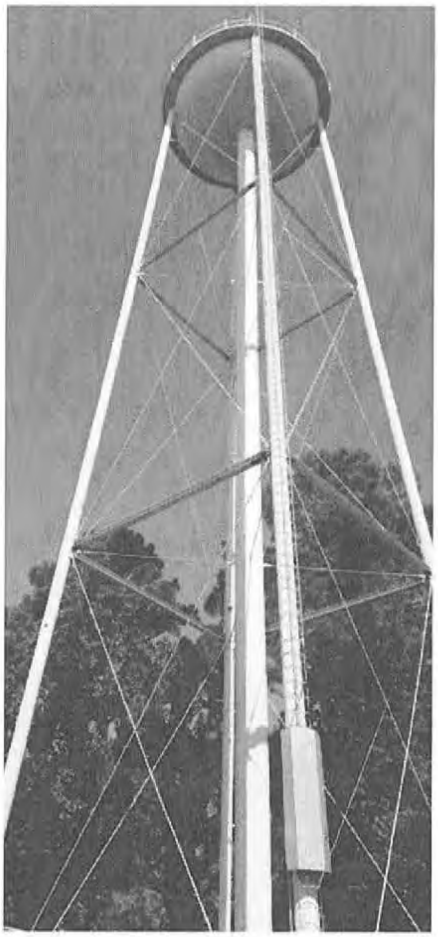
Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Minor

Facility ID: ELEVATED TANK

Category: Finished Water Storage

Attachment Comments: Visible rust on EST Structure



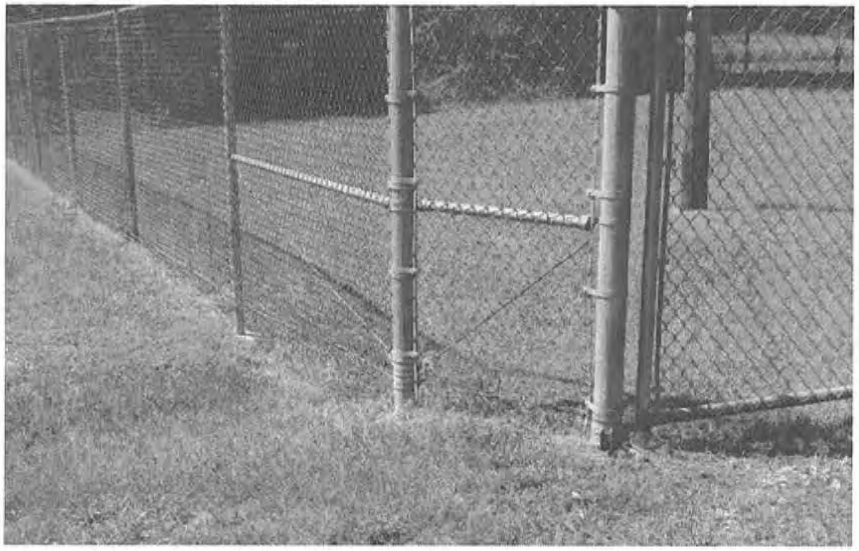
Attachment #2

Severity: Significant

Facility ID: GROUND TANK #1

Category: Finished Water Storage

Attachment Comments: No screen on opening.

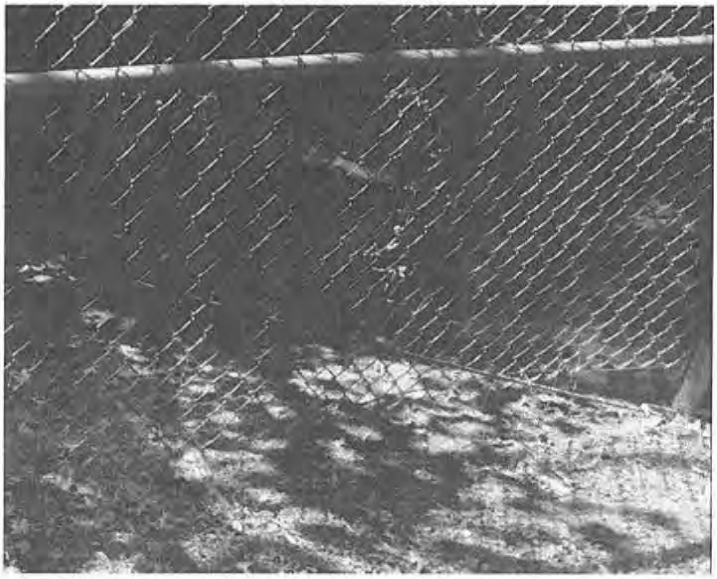


Attachment #3

Severity: Significant

Category: Security

Attachment Comments: Gap in Fence @ Well #3



Attachment #4

Severity: Significant

Category: Security

Attachment Comments: Gap in Fence @ Well #1



Attachment #5

Severity: Significant

Facility ID: GROUND TANK #3

Category: Finished Water Storage

Attachment Comments: Direct Connection to pipe

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 6453

October 21, 2019

Terri Corley
Town of Urania Water System
PO Box 339
Urania, LA 71480

Re: Class I Sanitary Survey
Town of Urania Water System
PWS ID LA1059011
La Salle Parish

Dear Ms. Corley:

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 Town of Urania 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
Josh Brown	Town Of Urania
Sandy Callender	Town Of Urania Water System
Chris Chapman	Turnage 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/18/2015	02/18/2015	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED
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 elevated storage tank does not have an overflow pipe and needs to have one installed.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/18/2015	02/18/2015	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED
Comments: The elevated storage tank need to be repainted in order to protect the tank form erosion.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The piping feeding the Aerator are showing signs of rust, corrosion and flaking paint. This piping must be cleaned, treated and painted to resist further corrosion and deterioration that could lead to a potential source of contamination. **See Attachment #2 and #3**

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
TP001 - HWY 125 @ PINEHILL CHURCH RD	Treatment	At the time of the inspection there were no Louvers on the Exhaust fan for the Chlorine room. System shall install louvers on the exhaust fan. **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

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

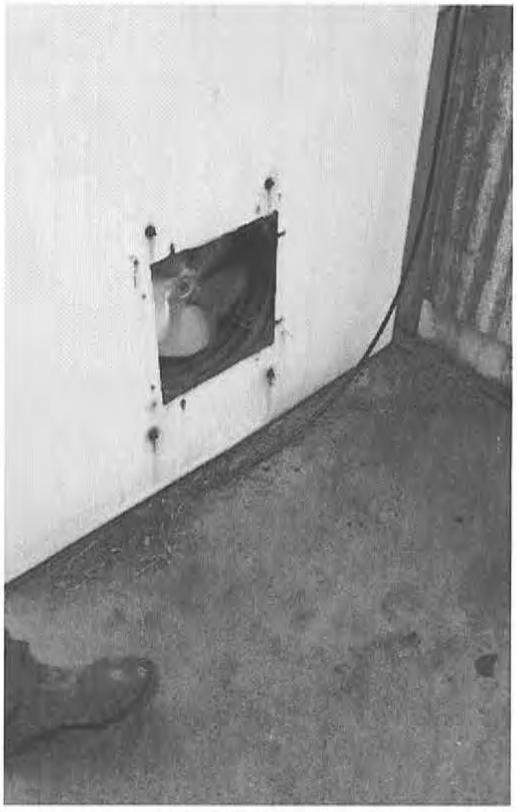
Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Minor

Facility ID: HWY 125 @ PINEHILL CHURCH RD

Category: Treatment

Attachment Comments: No Louvers on Exhaust Fan

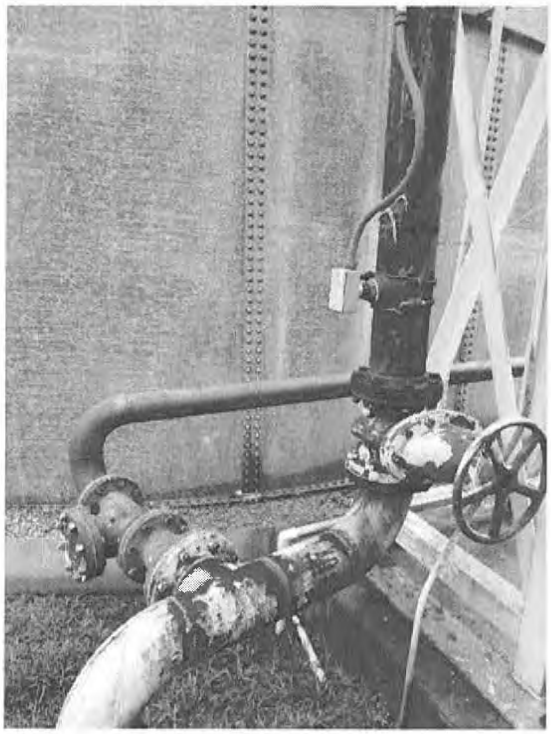


Attachment #2

Severity: Significant

Category: Other

Attachment Comments: Severe Rust on Pipes



Attachment #3

Severity: Significant

Category: Other

Attachment Comments: Severe Rust on Pipes

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 6378

September 09, 2019

Charles Bird
Whitehall Water System Inc.
114 Mary Jane Ln.
Jonesville, LA 71343

Re: Class I Sanitary Survey
Whitehall Water System Inc. Public Water System
PWS ID LA1059012
LA SALLE Parish

Dear Mr. Bird:

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 WHITEHALL 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
Charles Bird	Whitehall Water System, Inc.
Marlon Causey	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	Other	At the time of the inspection the Pressure Relief Valve (PRV) was valved off, it could not sense the system pressure. This action prevented the PRV from protecting the system from overpressure. System shall open the valve under the PRV allow the valve to function as designed.
FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of the survey, the hydro pneumatic tank's Safety Relief Valve appeared inoperable. Operator could not tell when valve was last serviced. NBIC Part 2, 2.5.8 recommends inspection every 3 years. This is a critical component of the safety of the system. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1059012-002 - WELL 1 C 293	Source	The well does not have an appropriate 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 #1**

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
HD001 – HYDRO PNEUMATIC	Finished Water Storage	The hydro pneumatic tank did not have an operational pressure gauge on it. System shall replace the pressure gauge with an operational gauge.
FACILITY	CATEGORY	FINDINGS
TP003 - SEQUESTERANT	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. System shall provide secondary containment for Sequesterant.

FACILITY	CATEGORY	FINDINGS
1059012-002 - WELL 1 C 293	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
1059012-001 - WELL 2 C 361	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 **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 - DISINFECTION	Treatment	At the time of the inspection, the empty chlorine gas bottles were being stored outside in direct sunlight. It is recommended that full and empty chlorine gas bottles be stored out of direct sun light.
FACILITY	CATEGORY	FINDINGS
TP002 - 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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
B1804476-001	Routine	11/19/2018		0.760	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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

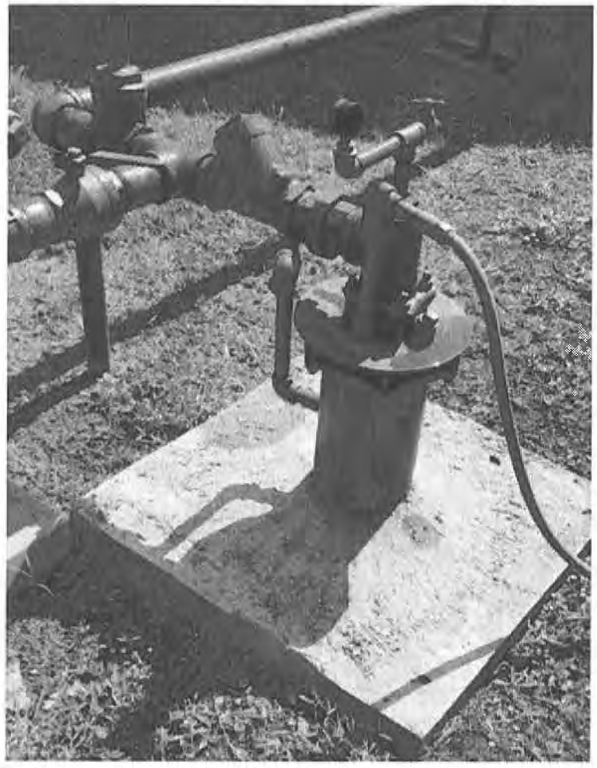
Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Significant

Facility ID: WELL 1 C 293

Category: Source

Attachment Comments: Slab too small

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

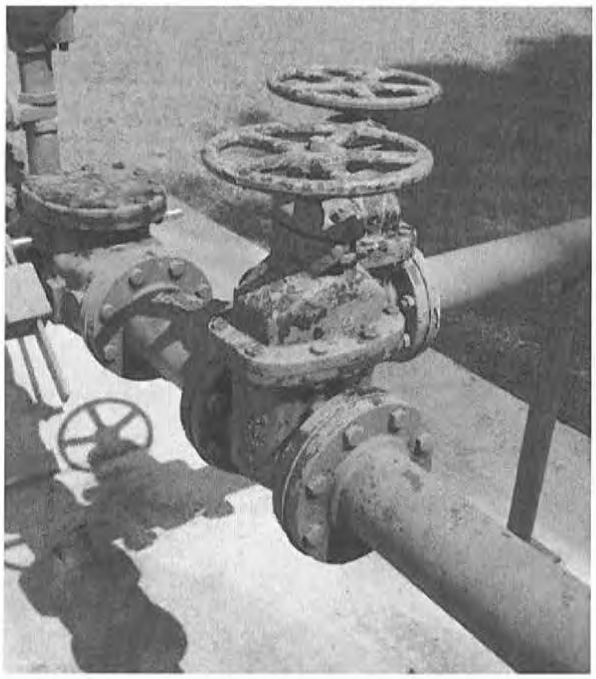


Attachment #2

Severity: Significant

Category: Other

Attachment Comments: Valve appears inoperable



Attachment #3

Severity: Minor

Facility ID: WELL 2 C 361

Category: Source

Attachment Comments: Paint Flaking

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 9268** – Return Receipt Requested

June 19, 2019

Leroy Shinnick
Rogers Community Water System, Inc.
446 Hwy 776
Jena, LA 71342

Re: Class 2 Follow-Up Sanitary Survey Site Visit
Rogers Community Water System, Inc. Public Water System
PWS ID LA1059013
La Salle Parish

Dear Mr. Shinnick:

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 19, 2019 Follow-Up Sanitary Survey inspection of the public water supply Rogers Community Water System, Inc. 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 8
Lester Laqua	Rogers Community Water System
Flora F Shinnick	Rogers Community Water System
Leroy Shinnick	Rogers Community 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

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

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
05/01/2018	05/02/2018	Sanitary Survey, Finished	Significant	Finished Water Storage	SP001-ELEVATED STANDPIPE
Comments: The standpipe showed signs of severe corrosion. The roof of the standpipe had corroded to the point that there are large holes allowing the finished water to be exposed. The overflow pipe screen was not secured to the pipe. The water system must replace the standpipe.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/01/2018	05/02/2018	Sanitary Survey, Finished	Significant	Other	Management
Comments: The water system does not track water loss on a monthly basis. The water system must add a flow meter to well no. 1 in order to determine the amount of water produced each month. The water system must track water loss in order to determine the percentage of water loss through leaks in the distribution system.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/01/2018	05/02/2018	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: The current sample site plan for bacteriological monitoring requires editing of the maximum residence time, additional chlorine residual monitoring, and Total Coliform Rule sample locations. The Monitoring Plan has been returned to the water system for editing.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/01/2018	05/02/2018	Sanitary Survey, Finished	Minor	Source	1059013-001-WELL 1
Comments: The casing did not extend at least 18" above the ground surface and top of the concrete slab. The casing must extend at least 12" above the concrete slab.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/01/2018	05/02/2018	Sanitary Survey, Finished	Minor	Source	1059013-001-WELL 1
Comments: The casing and discharge piping paint was starting to peel leaving the metal exposed to the elements. The piping must be cleaned and repainted to prevent deterioration of the metal.					
Visit Date	Notify Date	Reason	Severity	Category	Facility

05/01/2018	05/02/2018	Sanitary Survey, Finished	Minor	Source	1059013-002-WELL 2
Comments: The well vent does not extend 12" above the top of the casing. The vent must extend to 12" above the top of the casing.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/01/2018	05/02/2018	Sanitary Survey, Finished	Minor	Source	1059013-002-WELL 2
Comments: The casing and discharge piping paint was starting to peel leaving the metal exposed to the elements. The piping must be cleaned and repainted to prevent deterioration of the metal.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/01/2018	05/02/2018	Sanitary Survey, Finished	Minor	Treatment	TP001-DISINFECTION WELL 1
Comments: The chlorine gas vent was not screened. The vent must be screened.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/01/2018	05/02/2018	Sanitary Survey, Finished	Minor	Treatment	TP001-DISINFECTION WELL 1
Comments: The exhaust fan and vent system was inoperable. The exhaust fan and vent system must be replaced.					

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. 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: 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

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

March 25, 2019

Leroy Shinnick
Rogers Community Water System, Inc.
446 Hwy 776
Jena, LA 71342

Re: Class 2 Follow-Up Sanitary Survey Site Visit
Rogers Community Water System, Inc. Public Water System
PWS ID LA1059013
La Salle Parish

Dear Mr. Shinnick:

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 25, 2019 Follow-Up Sanitary Survey inspection of the public water supply Rogers Community Water System, Inc. 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
Blake Fogleman	LDH/OPH Engineering Services
Lester Laqua	Rogers Community Water System
Leroy Shinnick	Rogers Community 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

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

Other Violations during the past year

No other violations reported in the past year.

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
05/01/2018	05/02/2018	Sanitary Survey, Finished	Significant	Finished Water Storage	SP001-ELEVATED STANDPIPE
Comments: The standpipe showed signs of severe corrosion. The roof of the standpipe had corroded to the point that there are large holes allowing the finished water to be exposed. The overflow pipe screen was not secured to the pipe. The water system must replace the standpipe.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/01/2018	05/02/2018	Sanitary Survey, Finished	Significant	Other	Management
Comments: The water system does not track water loss on a monthly basis. The water system must add a flow meter to well no. 1 in order to determine the amount of water produced each month. The water system must track water loss in order to determine the percentage of water loss through leaks in the distribution system.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/01/2018	05/02/2018	Sanitary Survey, Finished	Minor	Source	1059013-001-WELL 1
Comments: The casing did not extend at least 18" above the ground surface and top of the concrete slab. The casing must extend at least 12" above the concrete slab.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/01/2018	05/02/2018	Sanitary Survey, Finished	Minor	Source	1059013-001-WELL 1
Comments: The casing and discharge piping paint was starting to peel leaving the metal exposed to the elements. The piping must be cleaned and repainted to prevent deterioration of the metal.					
Visit Date	Notify Date	Reason	Severity	Category	Facility

05/01/2018	05/02/2018	Sanitary Survey, Finished	Minor	Source	1059013-002-WELL 2
Comments: The casing and discharge piping paint was starting to peel leaving the metal exposed to the elements. The piping must be cleaned and repainted to prevent deterioration of the metal.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/01/2018	05/02/2018	Sanitary Survey, Finished	Minor	Source	1059013-002-WELL 2
Comments: The well vent does not extend 12" above the top of the casing. The vent must extend to 12" above the top of the casing.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/09/2016	02/25/2017	Sanitary Survey, Finished	Minor	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: 1.) On Chlorine storage building, there needs to be an inlet for fresh air. 2.) Light switch and fan exhaust not working.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/09/2016	02/25/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	SP001-ELEVATED STANDPIPE
Comments: Replace tank or repair with cleanup and corrosion protection.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/09/2016	02/25/2017	Sanitary Survey, Finished	Minor	Source	1059013-001-WELL 1
Comments: Pressure gauge missing and needs to be installed.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/09/2016	02/25/2017	Sanitary Survey, Finished	Minor	Treatment	TP001-DISINFECTION WELL 1
Comments: 1.) On Chlorine storage building, there needs to be an inlet for fresh air. 2.) Light switch and fan exhaust not working. 3.)					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/09/2016	02/25/2017	Sanitary Survey, Finished	Minor	Treatment	TP002-DISINFECTION WELL 2
Comments: 1.) On Chlorine storage building, there needs to be an inlet for fresh air. 2.) Light switch and fan exhaust not working.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
10/21/2010	11/09/2010	Sanitary Survey, Finished	Minor	Finished Water Storage	SP001-ELEVATED STANDPIPE
Comments: The damaged finish, apparently caused by gunshots to the tank, is allowing those damaged areas to corrode as evidenced by rust. Rust must be removed from those affected areas, and those areas recoated to prevent further damage to the tank from corrosion.					

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

Your 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

RURAL WATER INFRASTRUCTURE COMMITTEE QUARTERLY SITE VISITS

ROGERS COMMUNITY WATER SYSTEM (PWS ID: LA1059013)

BACKGROUND: *Rogers Community Water System (WS) is a public groundwater system in La Salle Parish, Louisiana that produces its water for approximately 480 customers[1] from two submersible water wells which draw from the Catahoula aquifer[2]. In the summer of 2018, Rogers Community WS was selected by the Louisiana Rural Water Infrastructure Committee (RWIC) as one of the ten most distressed water systems in Louisiana, mostly in part to its deteriorating ground storage standpipe, which has left customers on a continuous boil advisory for an extended period. The Louisiana Department of Health (LDH) has joined with Rogers Community WS to provide technical assistance in improving the water system by performing quarterly site visits.*

FIRST RWIC QUARTERLY SITE VISIT:

The first quarterly site visit was performed on Monday, September 17, 2018 by:

Autumn Permenter	LDH Engineering Services District IV
Tyler Lollis	LDH Engineering Services Region VIII
Leroy Shinnick	Rogers Community Water System President
Lester Laqua	Rogers Community Water System Operator

This site visit was conducted as a follow-up to a sanitary survey of the water system performed by LDH on May 1, 2018. During the sanitary survey, the following significant deficiencies were identified:

1. The standpipe had large holes, signs of severe corrosion, & an unsecured overflow screen.
2. The system did not have a cross connection control program.
3. The system did not track water loss. A flow meter must be added to Well #1 to do so.
4. Well #1 needed an air gap on the blow off line to prevent backflow, an ant bed needed to be removed from the concrete slab, & small holes in the pump electrical box needed to be sealed.
5. Trees & bushes needed to be cut back from the fence at both well sites.

In addition, the following minor deficiencies were identified:

6. The system's Monitoring Plan Portal (MPP) needed to be updated with additional monitoring locations.
7. The Well #1 casing must be extended at least 12" above the concrete slab.
8. The Well #1 discharge piping paint was peeling & needed to be cleaned and repainted.
9. The Well #1 discharge piping was not equipped with a pressure gauge.
10. The Well #2 casing vent must be extended at least 12" above the top of the casing.
11. The Well #2 discharge piping paint was peeling & needed to be cleaned and repainted.
12. The chlorine fan and vent system were inoperable & needed to be replaced.
13. The chlorine gas vent was not screened.

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[1] Louisiana Department of Health "Drinking Water Watch", 19 Dec 2018, http://sdw.oph.dhh.la.gov/DWW/, Web.

[2] Louisiana Department of Natural Resources "SONRIS", 19 Dec 2018, http://www.sonris.com/, Web.



Before the first quarterly RWIC site visit was performed, the water system had already completed items 4, 5, 9, 10, and 13 from the sanitary survey as shown in the pictures to the right and below. The system had also requested and was granted an extension on items 2 and 3 until December 31, 2018 and February 2, 2020, respectively. The system had begun a partnership with Pan American Engineers out of Alexandria, LA to engineer the two wells' redesign and the ground storage standpipe rehabilitation. In addition, the system had contacted the Louisiana Rural Water Association (LRWA) to have a rate increase study performed. A rate increase would allow the system to retain a construction loan that would be necessary to fund the repairs to the deteriorated ground storage tank and buoy future operating and maintenance costs as needed. The findings of the rate study were presented to the water system board members on June 14, 2018, and after deliberation, they voted to submit the rate increase to the Louisiana Legislative Auditor's office for approval.



During the site visit, no new deficiencies were noted since the sanitary survey. It was noted the system had also purchased a vent fan for the chlorine building, but they could not complete the related electrical work without additional funding.

SECOND RWIC QUARTERLY SITE VISIT:

The second quarterly site visit at Rogers Community Water System was conducted on Tuesday, December 18, 2018 by:

Tyler Lollis	LDH Engineering Services Region VIII
Rory Dobbs	LDH Engineering Services Region VIII
William Charlot	LDH Engineering Services Region VI
Leroy Shinnick	Rogers Community Water System President
Lester Laqua	Rogers Community Water System Operator

Since the previous quarterly site visit in September, no new improvements or deficiencies were noted. However, the water system stated that the water rates increase had been approved by the Louisiana Legislative Auditor's Office, and the new rates would be going into effect in January

2019. This will allow the system to perform the necessary sample tap improvements and chlorine building electrical repairs and to retain an estimated $500,000 construction loan to replace the ground storage standpipe.

LDH staff offered that an additional option for the system would be to connect to a neighboring water system and let the other system take over the infrastructure at Rogers Community WS (which might allow the system to abandon the wells and deteriorating storage tank altogether). Consolidating water systems is advantageous in most cases because it increases the customer base and spreads out operation, maintenance, and administrative costs over more people. This can result in a higher water quality overall being served to the public. In the case of Rogers Community WS, the system staff noted that the Belah Fellowship Water System was located roughly 5 to 6 miles away and the Nebo Water System was nearby as well. LDH staff encouraged the system personnel to contact the two neighboring systems and discuss the willingness of either system to consolidate. This option seemed very appealing to the Rogers Community operator and president because both mentioned during the visit of wanting to step away from the "water business" in the future.

After the RWIC site visit, LDH staff contacted Pan American Engineers to discuss the potential for connecting Rogers Community to a nearby system. The engineer, Jacob Guillory, stated that the route of consolidation had not yet been explored as a possibility, but he would begin an analysis of the alternatives. The engineer has a meeting scheduled with the Rogers Community WS Board of Directors on January 18, 2019 to discuss the above options and more and has invited LDH staff to attend if available. At the next quarterly visit, LDH staff will evaluate if the water system is compliant with its cross connection program and the chlorine building electrical repairs.

THIRD RWIC QUARTERLY SITE VISIT:

The third quarterly site visit at Rogers Community Water System was conducted on Monday, March 25, 2019 by:

Tyler Lollis	LDH Engineering Services Region VIII
Blake Fogleman	LDH Engineering Services Central Office
Leroy Shinnick	Rogers Community Water System President
Lester Laqua	Rogers Community Water System Operator

Since the previous quarterly site visit in December, no new deficiencies were noted, although the system achieved compliance with its Cross Connection Control Program and implemented increased rates in January to begin the funding process for water system improvements and build up a reserve fund. The Rogers Community Water System plans to seek a grant through the Louisiana Community Development Block Grant (LCDBG) program to address the remaining outstanding violations from the 2018 sanitary survey, including the replacement of the 30,000 gallon standpipe, addition of a flow meter on Well No. 1, cleaning and painting the casing and discharge piping of Well No. 1, cleaning and painting the casing and discharge piping of Well No. 2, and extending Well No. 1 casing 12" above the concrete slab. The total estimated project cost is approximately $500,000. Assuming the LCDBG funds are awarded, the project timeline would put the system entirely in compliance by July 2021. If the LCDBG program does not fund the project, the Rogers Community Water System aims to fund the improvements through a bank loan or the Drinking Water Revolving Loan Fund (DWRLF), although either of those approaches will yield a higher average monthly water bill for customers.

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 7252** – Return Receipt Requested

December 4, 2019

Leroy Shinnick
Rogers Community Water System, Inc.
446 Hwy 776
Jena, LA 71342

Re: Class 2 Follow-Up Sanitary Survey Site Visit
Rogers Community Water System, Inc. Public Water System
PWS ID LA1059013
La Salle Parish

Dear Mr. Shinnick:

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 25, 2019 Follow-Up Sanitary Survey inspection of the public water supply Rogers Community Water System, Inc. 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
Blake Fogleman	LDH/OPH Engineering Services
Lester Laqua	Rogers Community Water System
Leroy Shinnick	Rogers Community Water System

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total

S1904879-001	Repeat	7/18/2019		0.000	0.000
S1904879-002	Repeat	7/18/2019		0.000	0.020
S1904879-003	Repeat	7/18/2019		0.000	0.020
S1904584-001	Routine	7/16/2019		0.010	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

No other violations reported in the past year.

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
05/01/2018	05/02/2018	Sanitary Survey, Finished	Significant	Finished Water Storage	SP001-ELEVATED STANDPIPE
Comments: The standpipe showed signs of severe corrosion. The roof of the standpipe had corroded to the point that there are large holes allowing the finished water to be exposed. The overflow pipe screen was not secured to the pipe. The water system must replace the standpipe.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/01/2018	05/02/2018	Sanitary Survey, Finished	Significant	Other	Management
Comments: The water system does not track water loss on a monthly basis. The water system must add a flow meter to well no. 1 in order to determine the amount of water produced each month. The water system must track water loss in order to determine the percentage of water loss through leaks in the distribution system.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/01/2018	05/02/2018	Sanitary Survey, Finished	Minor	Source	1059013-001-WELL 1
Comments: The casing did not extend at least 18" above the ground surface and top of the concrete					

slab. The casing must extend at least 12" above the concrete slab.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/01/2018	05/02/2018	Sanitary Survey, Finished	Minor	Source	1059013-001-WELL 1
Comments: The casing and discharge piping paint was starting to peel leaving the metal exposed to the elements. The piping must be cleaned and repainted to prevent deterioration of the metal.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/01/2018	05/02/2018	Sanitary Survey, Finished	Minor	Source	1059013-002-WELL 2
Comments: The casing and discharge piping paint was starting to peel leaving the metal exposed to the elements. The piping must be cleaned and repainted to prevent deterioration of the metal.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/01/2018	05/02/2018	Sanitary Survey, Finished	Minor	Source	1059013-002-WELL 2
Comments: The well vent does not extend 12" above the top of the casing. The vent must extend to 12" above the top of the casing.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/09/2016	02/25/2017	Sanitary Survey, Finished	Minor	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: 1.) On Chlorine storage building, there needs to be an inlet for fresh air. 2.) Light switch and fan exhaust not working.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/09/2016	02/25/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	SP001-ELEVATED STANDPIPE
Comments: Replace tank or repair with cleanup and corrosion protection.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/09/2016	02/25/2017	Sanitary Survey, Finished	Minor	Source	1059013-001-WELL 1
Comments: Pressure gauge missing and needs to be installed.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/09/2016	02/25/2017	Sanitary Survey, Finished	Minor	Treatment	TP001-DISINFECTION WELL 1
Comments: 1.) On Chlorine storage building, there needs to be an inlet for fresh air. 2.) Light switch and fan exhaust not working. 3.)					
Visit Date	Notify Date	Reason	Severity	Category	Facility
12/09/2016	02/25/2017	Sanitary Survey, Finished	Minor	Treatment	TP002-DISINFECTION WELL 2
Comments: 1.) On Chlorine storage building, there needs to be an inlet for fresh air. 2.) Light switch and fan exhaust not working.					
Visit Date	Notify Date	Reason	Severity	Category	Facility

10/21/2010	11/09/2010	Sanitary Survey, Finished	Minor	Finished Water Storage	SP001-ELEVATED STANDPIPE
Comments: The damaged finish, apparently caused by gunshots to the tank, is allowing those damaged areas to corrode as evidenced by rust. Rust must be removed from those affected areas, and those areas recoated to prevent further damage to the tank from corrosion.					

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

Your 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

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 6132

May 2, 2019

James Robbins
EAST JENA WATER SYSTEM INC
PO Box 1909
Jena, LA 71342

Re: Class I Sanitary Survey
EAST JENA WATER SYSTEM INC Public Water System
PWS ID LA1059017
LA SALLE Parish

Dear Mr. Robbins:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 23, 2019 sanitary survey inspection of the public water supply system for EAST JENA 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
Rachael Bruce	LDH Region 6
Charles "John" Smith	LaSalle Water Works Dist. No 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

FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	At the time of the survey, the water system was not equipped with an operational 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
1059017-001 - WELL 1	Source	At the time of the inspection, there was a hole in the slab by the by the well casing. Water system shall determine what hole is and plug accordingly. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1059017-001 - 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 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
GR001 - GROUND	Finished Water Storage	At the time of the inspection, there was a hole in the ground between the pump house and the GST. The system shall fill in hole and grade the area around the structures to prevent standing water. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	At the time of the survey, the Elevated Tank overflow came down to less than 12 inches above the ground. Water system shall make necessary modifications to raise overflow. **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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
S1806742-001	Routine	11/26/2018		1.030	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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.

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.

Your 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

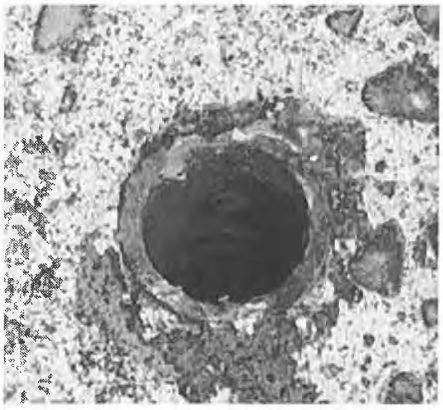
Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

Attachments



Attachment #1

Severity: Significant

Facility ID: WELL 1

Category: Source

Attachment Comments: Hole in slab

Office of Public Health ▪ Central Region VI
5604-B Coliseum Boulevard ▪ Alexandria, Louisiana 71303
Phone #: 318-487-5282 ▪ Fax #: 318-487-5338 ▪ www.ldh.la.gov
"An Equal Opportunity Employer"



Attachment #2

Severity: Minor

Facility ID: GROUND

Category: Finished Water Storage

Attachment Comments: Hole by pump house



Attachment #3

Severity: Minor

Facility ID: ELEVATED

Category: Finished Water Storage

Attachment Comments: Elevated Overflow

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 6637

November 25, 2019

Byron Smith
Pleasant Ridge Water System South
370 Thorn Road
Olla, LA 71465

Re: Class I Sanitary Survey
Pleasant Ridge Water System South
PWS ID LA1059019
La Salle 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 November 22, 2019 sanitary survey inspection of the public water supply system for Pleasant Ridge 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
Rachael Bruce	LDH OPH Engineering Services
Carl Newburg	C&N Services
Byron Smith	Pleasant 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).

The following list 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 – 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
09/04/2019	0.082 MG/L	0.080 MG/L	TTHM	07/01/2019 - 09/30/2019
09/04/2019	0.086 MG/L	0.080 MG/L	TTHM	07/01/2019 - 09/30/2019
06/24/2019	0.089 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
06/24/2019	0.087 MG/L	0.080 MG/L	TTHM	04/01/2019 - 06/30/2019
03/26/2019	0.081 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
03/26/2019	0.083 MG/L	0.080 MG/L	TTHM	01/01/2019 - 03/31/2019
12/18/2018	0.082 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
23	10/07/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
16	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) 487-5282x250.

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

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7014 2870 0001 8149 3575

April 30, 2019

Ray Bourque
City of Broussard Water System
310 E. Main St
Broussard, LA 70518

Re: Class I Sanitary Survey
CITY of BROUSSARD WATER SYSTEM
PWS ID LA1055003
LAFAYETTE Parish

Dear Mr. Bourque:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 10, 2019 sanitary survey inspection of the public water supply system for CITY of BROUSSARD 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
Kern Meyers	City Of Broussard Water System
Dennis Pitre	City Of Broussard 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
04/06/2017	04/07/2017	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: An ordinance for a Cross Connection Control Program (CCCP) was adopted by the water system on February 27, 2008. 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.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
04/06/2017	04/07/2017	Sanitary Survey, Finished	Minor	Source	1055003-001-WELL #1
Comments: 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.					

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
EL001 - ELEVATED TOWER #1	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 #1	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 #1**
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE #1	Finished Water Storage	The overflow piping for the ground storage tank terminates too close to the splash pad. The discharge outlet for the overflow piping must be installed at an elevation between 12 and 24 inches. Modify the discharge for the overflow piping to comply with this requirement. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
TP001 - WELL #1 & #5 TREATMENT PLANT	Treatment	At Well #5, 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. 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.
FACILITY	CATEGORY	FINDINGS
TP001 - WELL #1 & #5 TREATMENT PLANT	Treatment	At Well #5, the ventilating fan in the chlorine room must 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 discharge to any other room. The existing fan must be relocated to discharge to the outside and must be relocated near the floor to meet this requirement. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
TP001 - WELL #1 & #5 TREATMENT PLANT	Treatment	The water system currently uses Zinc Orthophosphate (TMB-439) as an inhibitor for corrosion control and Polyphosphate (TMB-909) for sequestering iron and manganese. All public water systems that use phosphates for treatment must have test equipment capable of monitoring and measuring total phosphate or have a contract with someone to monitor and measure the total phosphate. The total phosphate applied shall not exceed 10 mg/L. Testing is needed to insure that the total phosphate does not exceed this limit. Provide LDH with the next three (3) months (May 2019 to July 2019) of

		total phosphate test results for verification.
FACILITY	CATEGORY	FINDINGS
1055003-001 - WELL #1	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. Replace the air relief valve screening to prevent the entrance of contaminants. **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.

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

Violation Number	Violation Date	Analyte	Compliance Period
4001826	11/05/2018	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

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 337-262-5613.

Respectfully,

Brent Bouy, P.E.
Region IV Engineer

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

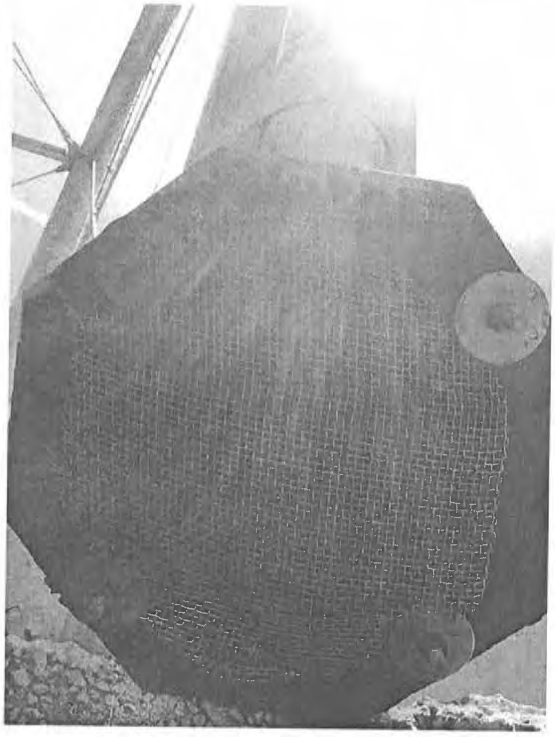
John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

Attachments

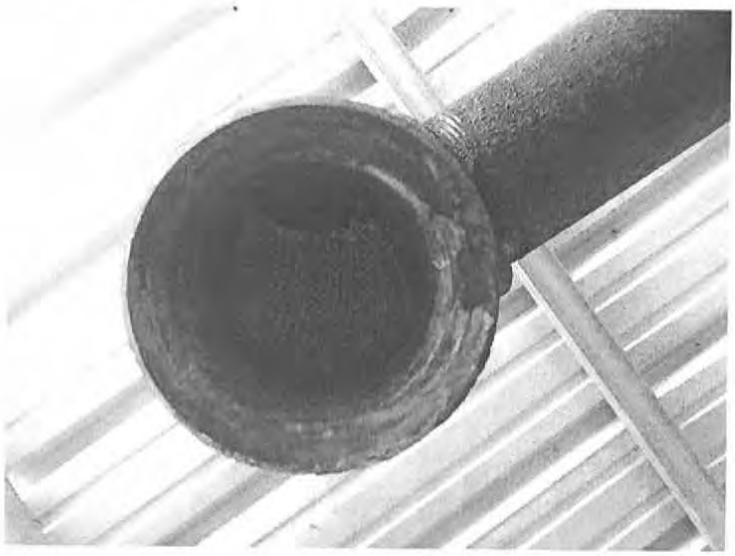


Attachment #1
Facility ID: ELEVATED TOWER #1
Category: Finished Water Storage

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

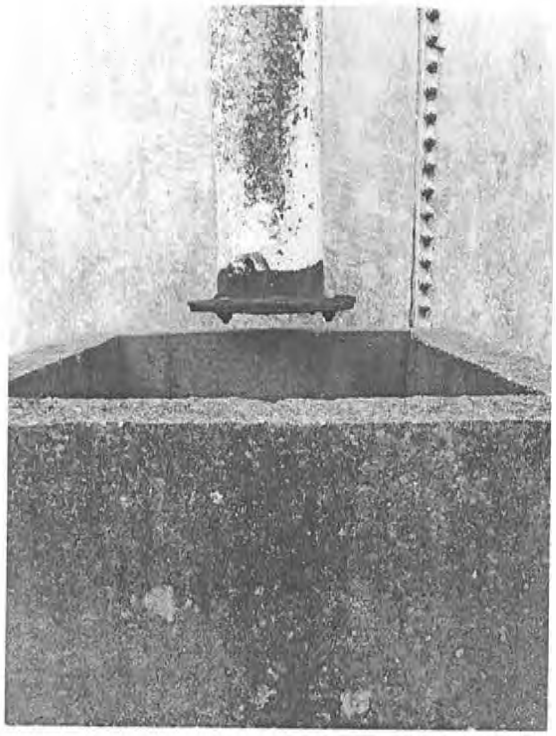
"An Equal Opportunity Employer"



Attachment #2
Facility ID: WELL #1
Category: Source



Attachment #3
Facility ID: WELL #1 & #5 TREATMENT PLANT
Category: Treatment



Attachment #4
Facility ID: GROUND STORAGE #1
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 6010

May 2, 2019

Glenn Brasseaux
CITY of CARENCRO WATER SYSTEM
P.O. Drawer 10
Carencro, LA 70520

Re: Class I Sanitary Survey
CITY of CARENCRO WATER SYSTEM Public Water System
PWS ID LA1055005
LAFAYETTE Parish

Dear Mayor Brasseaux:

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 CITY of CARENCRO 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
Buster Broussard	City Of Carencro Water System
Dillan Crawford	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
Management	M&R and Data Verification	The current monitoring plan for the water system needs to be updated due to a population increase. This task can be accomplished by logging into the Monitoring Plan Portal (MPP) at the following link: https://www.ldhh-mpp.org/. During the survey, it was noted that the map needs to be updated to reflect the addition of a TCR location. The monitoring plan will be returned for the addition of the TCR location by the water system. For assistance, please feel free to call me at 1-337-475-3214.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The City of Carencro has implemented a Cross Connection Control Program. An ordinance has been passed, letters are being directed to customers concerning their obligations, and testing results are being received. It is not clear how many devices (or applicable customers) are a part of the program. It is also not clear how many customers are compliant with the requirements as being communicated by the City of Carencro. A list of applicable customers is needed. The City of Carencro must also be able to demonstrate what customers have complied with their obligations to test devices annually. The City of Carencro must be able to demonstrate the effectiveness of their Cross Connection Control Program efforts.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Due to an increase in the number of service connections, the water system must install an additional TCR sampling point. The monitoring plan will be returned for updating. Please consult with LDH about the location of the additional TCR sampling point. (Proposed locations: subdivision on the west side of Moss Street near the intersection of Smith-Reed Road or Timberland Ridge Blvd.)

FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TOWER #1 - ANDRE STREET	Finished Water Storage	The finished water storage facility (elevated tower) 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 elevated tower in a downturned direction to facilitate the collection of water samples for bacteriological and chemical analyses, when needed.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TOWER #1 - ANDRE STREET	Finished Water Storage	The overflow for the elevated storage tank does not discharge over a splash plate or drainage inlet structure. The overflow must discharge over a splash plate or drainage inlet structure to prevent erosion around the foundation of the tower that could compromise the structural integrity of the tower. **(See Attachment A.1.)**
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED TOWER #1 - ANDRE STREET	Finished Water Storage	The overflow pipe for the elevated tower has a broken screen. The overflow pipe must be screened with a four mesh non-corrodible, screen and securely installed to provide protection at all times. **(See Attachment A.2.)**
FACILITY	CATEGORY	FINDINGS
1055005-001 - WELL #5 - CLOSEST TO TOWER	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 A.3.)**
FACILITY	CATEGORY	FINDINGS
1055005-002 - WELL #4 - FURTHEST FROM TOWER	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 A.4.)**

FACILITY	CATEGORY	FINDINGS
1055005-006 - WELL #6 - SOUTH WELL IN NEW PLANT YARD	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.

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: 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:

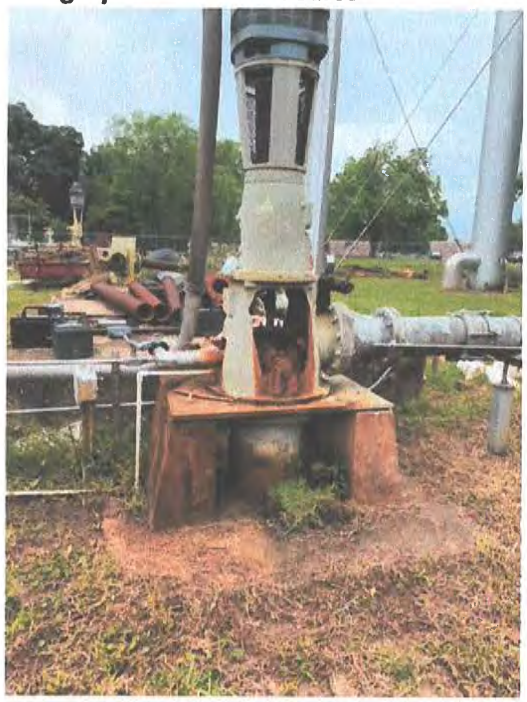
Attachment A.1. **Splash Plate for EL001**
Facility ID: **EL001 - ELEVATED TOWER #1 - ANDRE STREET**
Category: **Finished Water Storage**



Attachment A.2. **Broken Screen at EL001**
Facility ID: **EL001 - ELEVATED TOWER #1 - ANDRE STREET**
Category: **Finished Water Storage**



Attachment A.3. **Corrosion Control**
Facility ID: **1055005-001 - WELL #5 - CLOSEST TO TOWER**
Category: **Source**



Attachment A.4. **Corrosion Control**
Facility ID: **1055005-002 - WELL #4 – FURTHEST TO TOWER**
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 1187

May 2, 2019

Randy Gary
G & R Mobile Home Park Water System
307 Pecan Grove Road
Scott, LA 70583

Re: Class I Sanitary Survey
G & R Mobile Home Park Water System
PWS ID #: LA 1055013
Lafayette Parish

Dear Mr. Gary:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 23, 2019 sanitary survey inspection of the public water supply system for G & R Mobile Home 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 IV Engineering
Randy Gary	G & R Mobile Home Park
John Wayne Vincent	Star 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

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(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.

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

Violation No.	Violation Date	Analyte	Compliance Period
4000999	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 No.	Violation Date	Violation Type	Compliance Period
4000998	03/07/2019	OCCT/SOWT Recommendation/Study (LCR)	01/01/2016 - 12/31/2018
4000997	08/02/2018	Inadequate Minimum 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 (337) 262-5634.

Respectfully,

Hayden K. Keigley, P.E.
Engineer 4

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
John Wayne Vincent, Designated Operator, Star Environmental Services

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 1194

May 7, 2019

Dean Gautreaux
G & J Mobile Home Estates Water System
280 John Wayne Drive
Lafayette, LA 70508

Re: Class I Sanitary Survey
G & J Mobile Home Estates Water System
PWS ID #: LA 1055014
Lafayette Parish

Dear Mr. Gautreaux:

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 G & J Mobile Home 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
Hayden K. Keigley	LDH/OPH Region IV Engineering
Dillan R. Crawford	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

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	Several sections of the wooden fence have been removed providing for inadequate protection of the water systems facilities at both the North and South well sites. A continuous fence, capable of being locked, must be constructed and maintained to prevent trespassing, vandalism and sabotage of the water systems facilities. Provide a continuous security fence around the wells, treatment plants and pressure tanks for protection against unauthorized access. **(See Attachment A-1, A-2, A-3, A-4 & A-5)**
FACILITY	**CATEGORY**	**FINDINGS**
Management	System Management and Operation	During the survey, it was unknown if the public water system is 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**
1055014-003 Well #3 Southeast Well @ South Site	Source	There is no electrical conduit for the well's electrical cable. The conduit provides an effective means to protect from possible contamination of the source. Provide a conduit for the pump's electrical wiring with an adequate watertight connection at the entrance through the wells casing sanitary seal to eliminate possible contamination into the well. **(See Attachment A-8)**
FACILITY	**CATEGORY**	**FINDINGS**
1055014-001 Well #1 Southwest Well @ North Site	Source	There is no electrical conduit for the well's electrical cable. The conduit provides an effective means to protect from possible contamination of the source. Provide a conduit for the pump's electrical wiring with an adequate watertight connection at the entrance through the wells casing sanitary seal to eliminate possible contamination into the well. **(See Attachment A-6)**

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 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	During the survey, the water system representative was not able to retrieve records or provide evidence of sufficient record keeping for the chemical test result reports for the public water system. All chemical test result reports from the laboratory must be kept on file and retained for not less than 10 years and must be made available for review upon request. The public water system must begin filing and maintaining all chemical test result reports for review by LDH during inspections and surveys.
FACILITY	**CATEGORY**	**FINDINGS**
HD002 Hydropneumatic Tank #2 (Wells #3 & #4)	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**
HD001 Hydropneumatic Tank #1 (Wells #1 & #2)	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
HD002 Hydropneumatic Tank #2 (Wells #3 & #4)	Finished Water Storage	The water sight glass for the hydropneumatic tank needs to be replaced. A properly maintained water sight glass and a working pressure gauge must be provided on the hydropneumatic tank. Replace the water sight glass to provide for a means of measuring the contents being stored in the hydropneumatic tank. **(See Attachment A-10)**
FACILITY	**CATEGORY**	**FINDINGS**
HD001 Hydropneumatic Tank #1 (Wells #1 & #2)	Finished Water Storage	The water sight glass for the hydropneumatic tank needs to be replaced. The pressure gauge is inoperable and needs to be replaced. A properly maintained water sight glass and a working pressure gauge must be provided on the hydropneumatic tank. Replace the water sight glass to provide for a means of measuring the contents being stored and install a working pressure gauge on the hydropneumatic tank. **(See Attachment A-9)**
FACILITY	**CATEGORY**	**FINDINGS**
TP002 Treatment Plant #2 (Wells #3 & #4)	Treatment	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 manufacturer on the chemical feed tank.
FACILITY	**CATEGORY**	**FINDINGS**
TP001 Treatment Plant #1 (Wells #1 & #2)	Treatment	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 manufacturer on the chemical feed tank.
FACILITY	**CATEGORY**	**FINDINGS**
TP001 Treatment Plant #1 (Wells #1 & #2)	Treatment	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. 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 Attachment A-11)**
FACILITY	**CATEGORY**	**FINDINGS**
TP002 Treatment Plant #2 (Wells #3 & #4)	Treatment	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. 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 Attachment A-12)**

FACILITY	CATEGORY	FINDINGS
1055014-001 Well #1 Southwest Well @ North Site	Source	The air volume control (AVC) Schrader valve that is installed upstream of the check valve is leaking. The Schrader valve needs to be repaired or replaced to eliminate the potential for contamination from the questionable quality water being retained in the AVC after start up. **(See Attachment A-7)**
FACILITY	**CATEGORY**	**FINDINGS**
1055014-002 Well #2 Northeast Well @ North Site	Source	The well's discharge piping is not equipped with a flow-measuring device. A means for measuring flow from the well must be provided. Install a flow-measuring device or provide methods used 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.
FACILITY	**CATEGORY**	**FINDINGS**
1055014-001 Well #1 Southwest Well @ North Site	Source	The well's discharge piping is not equipped with a flow-measuring device. 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 flow-measuring device or provide the methods used to measure the 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.
FACILITY	**CATEGORY**	**FINDINGS**
1055014-003 Well #3 Southeast Well @ South Site	Source	The well's discharge piping is not equipped with a flow-measuring device. 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 flow-measuring device or provide the methods used to measure the 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.
FACILITY	**CATEGORY**	**FINDINGS**
1055014-004 Well #4 Northwest Well @ South Site	Source	The well's discharge piping is not equipped with a flow-measuring device. 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 flow-measuring device or provide the methods used to measure the 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.

FACILITY	CATEGORY	FINDINGS
TP001 Treatment Plant #1 (Wells #1 & #2)	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 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. LDH Region 4 engineering staff can be reached by phone at (337) 262-5634 to discuss an appropriate location for a new POE sample tap.
FACILITY	**CATEGORY**	**FINDINGS**
1055014-002 Well #2 Northeast Well @ North Site	Source	All wells that are used as a ground water source to provide service to a public water system must be registered. There is no documentation on file with LDH stating that this well has been registered with the Deportment of Natural Resources (DNR). Please provide this office with the drillers log and the DNR well registration form which includes the GWR ID for the well.

FACILITY	CATEGORY	FINDINGS
1055014-004 Well #4 Northwest Well @ South Site	Source	All wells that are used as a ground water source to provide service to a public water system must be registered. There is no documentation on file with LDH stating that this well has been registered with the Deportment of Natural Resources (DNR). Please provide this office with the drillers log and the DNR well registration form which includes the GWR ID for the well.
FACILITY	**CATEGORY**	**FINDINGS**
1055014-001 Well #1 Southwest Well @ North Site	Source	All wells that are used as a ground water source to provide service to a public water system must be registered. There is no documentation on file with LDH stating that this well has been registered with the Deportment of Natural Resources (DNR). Please provide this office with the drillers log and the DNR well registration form which includes the GWR ID for the well.
FACILITY	**CATEGORY**	**FINDINGS**
1055014-003 Well #3 Southeast Well @ South Site	Source	All wells that are used as a ground water source to provide service to a public water system must be registered. There is no documentation on file with LDH stating that this well has been registered with the Deportment of Natural Resources (DNR). Please provide this office with the drillers log and the DNR well registration form which includes the GWR ID for 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 – 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

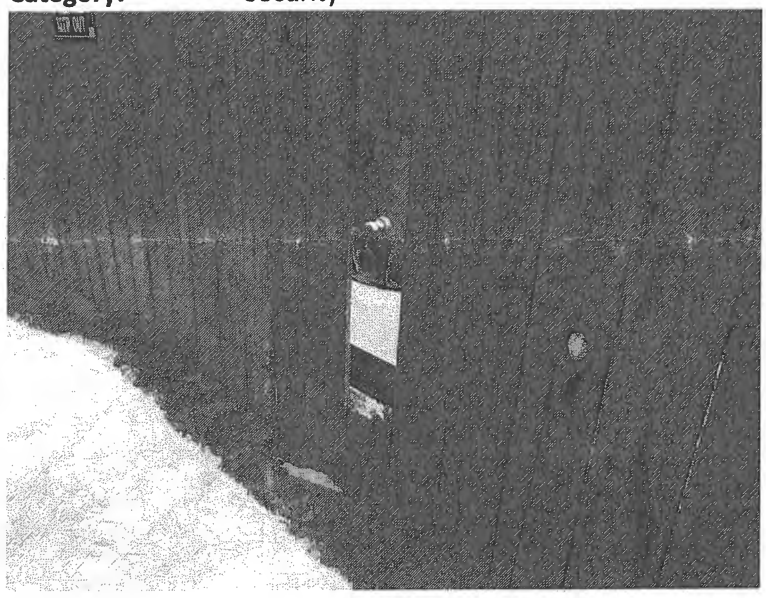
cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Jeremy Latiolais, Contract Designated Operator, Clearstream Services, Inc.

Attachments

Attachment A-1: Board Missing on Wooden Fence @ North Plant
Category: Security



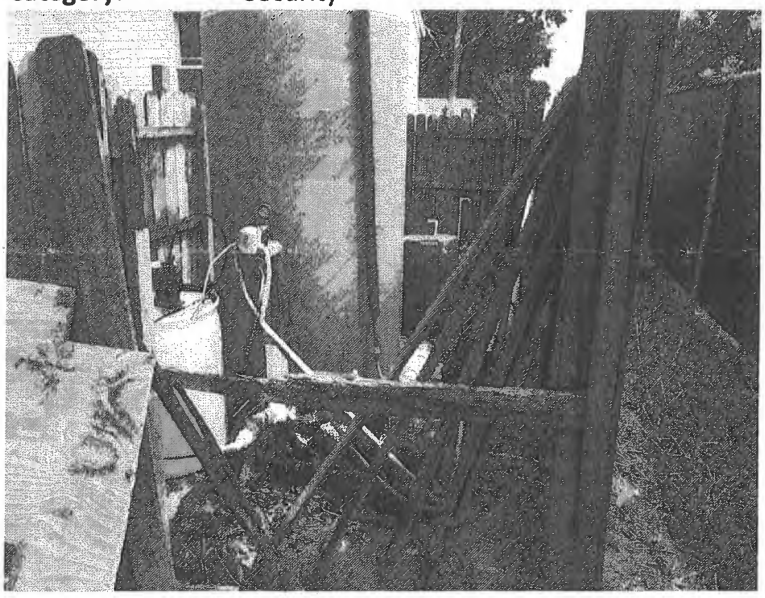
Attachment A-2: Section Missing on Wooden Fence @ North Plant
Category: Security



Attachment A-3: Board Missing on Wooden Fence @ South Plant
Category: Security



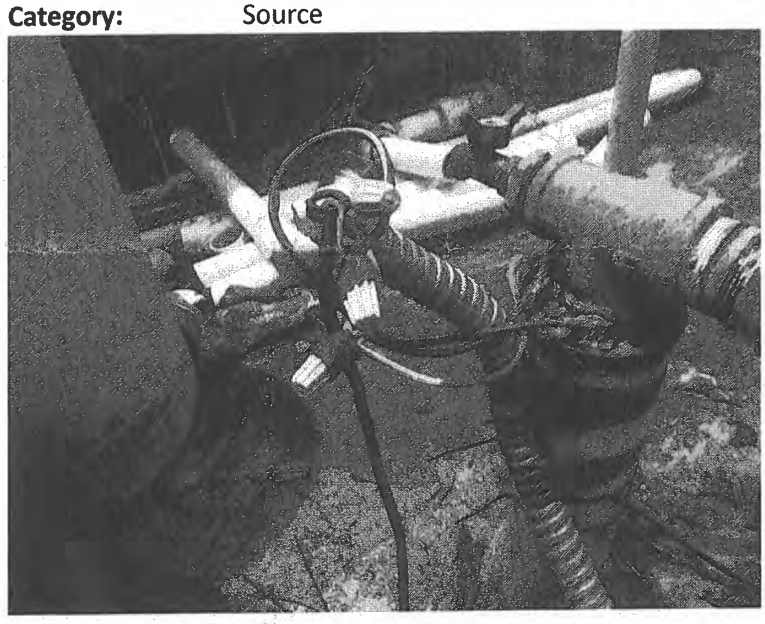
Attachment A-4: Entire Section Missing on Wooden Fence @ South Plant
Category: Security



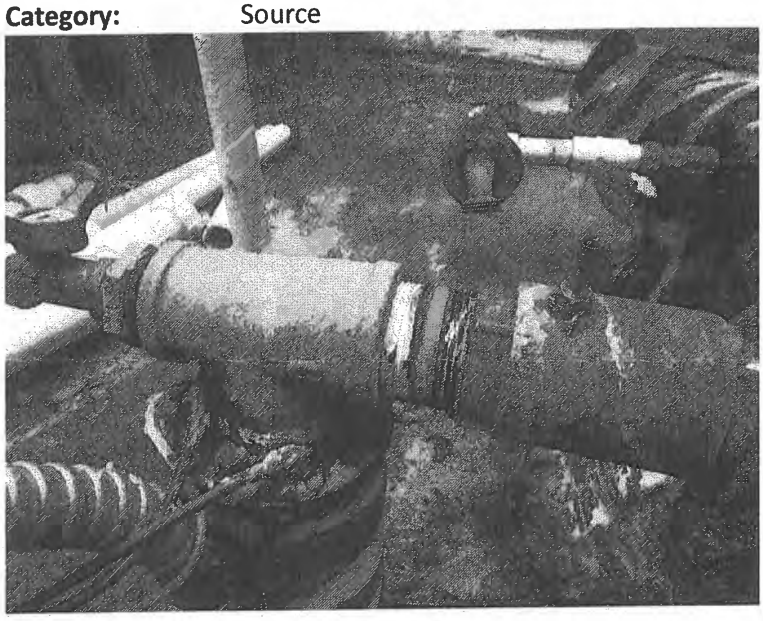
Attachment A-5: Wooden Fence Damaged @ South Plant
Category: Security



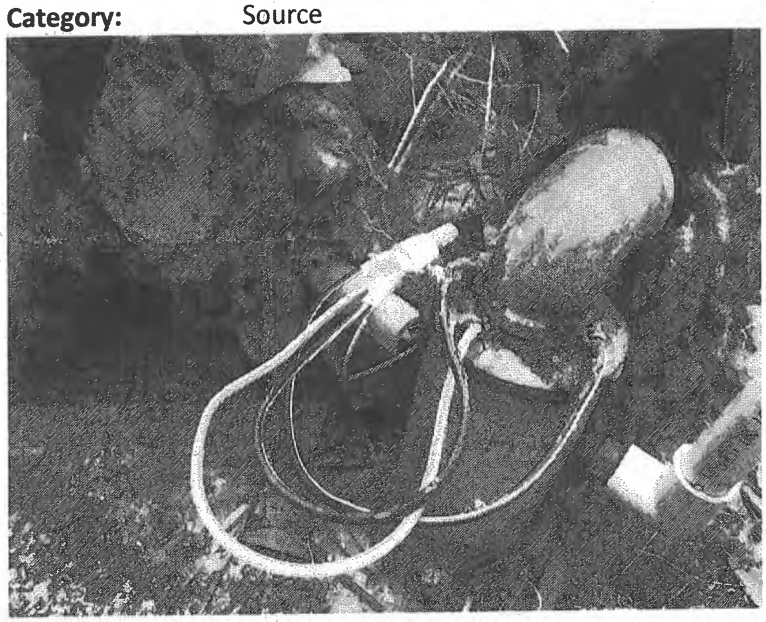
Attachment A-6: No Conduit for Electrical Wiring
Facility ID: Well #1 - Southwest Well @ North Site
Category: Source



Attachment A-7: Leaking Schrader Valve
Facility ID: Well #1 - Southwest Well @ North Site
Category: Source



Attachment A-8: No Conduit for Electrical Wiring
Facility ID: Well #3 - Southeast Well @ South Site
Category: Source



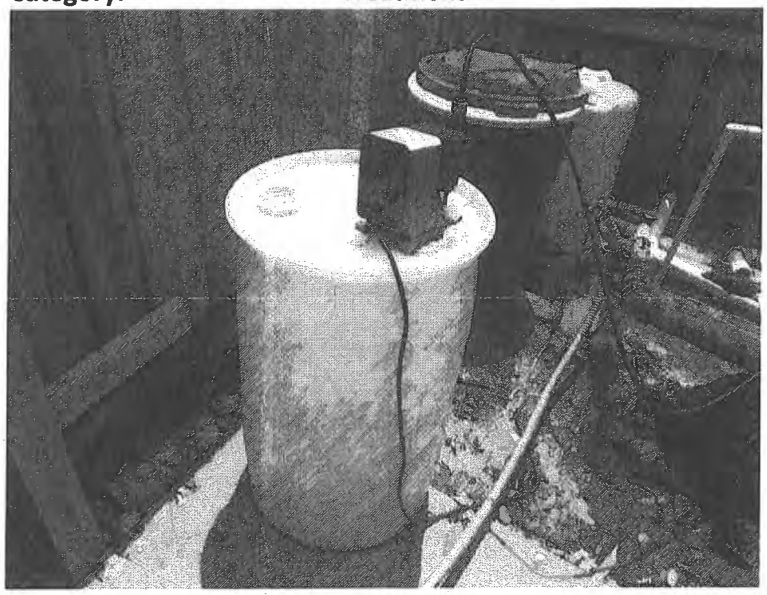
Attachment A-9: Site Glass is Inadequate
Facility ID: Hydropneumatic Tank #1 for Wells #1 & #2
Category: Finished Water Storage



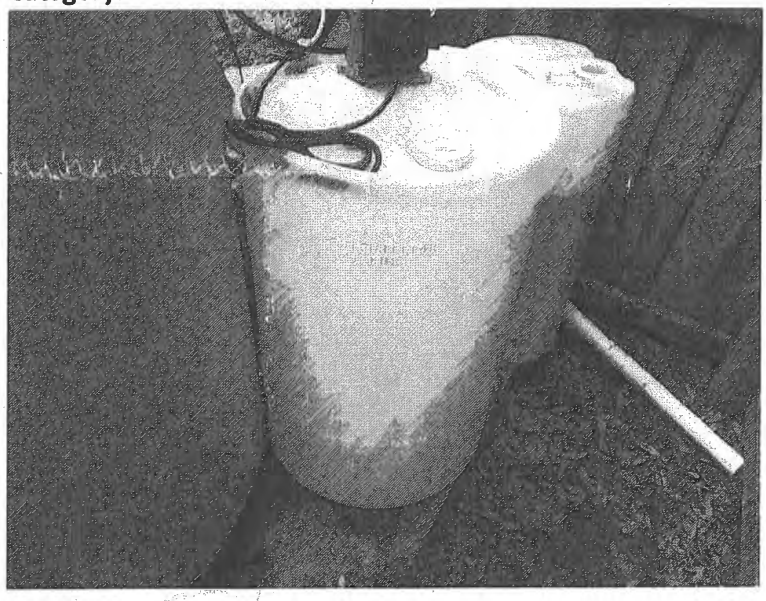
Attachment A-10: Site Glass is Inadequate
Facility ID: Hydropneumatic Tank #2 for Wells #3 & #4
Category: Finished Water Storage



Attachment #A-11: Chemical Tank Exposure to Sunlight
Facility ID: Treatment Plant #1 for Wells #1 & #2
Category: Treatment



Attachment A-12: Chemical Tank Exposure to Sunlight
Facility ID: Treatment Plant #2 for Wells #3 & #4
Category: Treatment



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 9422

May 20, 2019

Kristen A. Rivero
E JEFFERSON WW DISTRICT 1
3600 Jefferson Hwy Bldg. E
Jefferson, LA 70121

Re: Class I Sanitary Survey
E JEFFERSON WW DISTRICT 1 Public Water System
PWS ID LA1051001
JEFFERSON Parish

Dear Ms. Rivero:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 1, 2019 sanitary survey inspection of the public water supply system for E JEFFERSON WW 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
Parker Allen	LDH OPH Engineering Services Region 1
Alicia Martinez	LDH OPH Engineering Services District 1
Mervin Graves	East Jefferson WW Dist#1
Kristen A. Rivero	East Jefferson 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 observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
CW001 – P3 CLEARWELL	Finished Water Storage	All of the screens on the P3 clearwell vents are blown out 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.
FACILITY	CATEGORY	FINDINGS
CW001 – P3 CLEARWELL	Finished Water Storage	Hatch for clearwell is flush with the elevated casing, and is showing signs of water intrusion. Hatch is gasketed, but not regularly inspected for water tightness. This is a potential pathway for contamination. **See attachment #5** 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.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
CW003 – INFILCO CLEARWELL	Finished Water Storage	One of the overflow/vents on the infilco clearwell is missing a 24-mesh screen. **See attachment #3** 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
GR001 - RESERVIOR NO. 1 (150K GAL.) AT PLANT	Finished Water Storage	The vent above the access hatch to the reservoir does not have the proper screen for finished water storage. A 24-mesh screen is required. **See attachment #6** 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
GR002 - RESERVIOR NO. 2 (150K GAL.) AT PLANT	Finished Water Storage	The vent above the access hatch to the reservoir does not have the proper screen for finished water storage. A 24-mesh screen is required. **See attachment #6** 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
CW002 – P2 CLEARWELL	Finished Water Storage	The vents for the P2 clear well are capped, and in their place is a single vent and exhaust fan, which terminated above the roof of the building. There is no screen on the vent opening. This is a potential pathway for contamination. **See attachment #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.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
GR005 - RESERVIOR NO. 5 (300K GAL.) AT PLANT	Finished Water Storage	The overflow piping is missing a 24-mesh screen. **See attachment #1** 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
GR005 - RESERVIOR NO. 5 (300K GAL.) AT PLANT	Finished Water Storage	There is no splash pad beneath the ground storage overflow. There are clear signs of erosion and standing water. **See attachment #1** 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
CW003 – INFILCO CLEARWELL	Finished Water Storage	There is no splash pad beneath the Infilco clearwell overflow. There are clear signs of erosion. . 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 - RESERVIOR NO. 2 (150K GAL.) AT PLANT	Finished Water Storage	There was significant erosion and signs of pooling around the roof drain spout. Over time this could lead to a pathway for contamination to the reservoir. **See attachment #7** 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.

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

correct 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 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
B022119E063	Routine	2/21/2019			0.950
B021319E133	Routine	2/13/2019			2.300
1111805	Routine	10/26/2018			2.800
21208	Routine	10/24/2018			2.600
90339	Routine	10/18/2018			1.400
120RP4521-B	Repeat	7/27/2018			
120RP4521-C	Repeat	7/27/2018			
572921-C	Repeat	7/27/2018			
57RP2905	Routine	7/27/2018			
1452804-C	Repeat	7/26/2018			
524805	Routine	7/26/2018			
1450804-B	Repeat	7/26/2018			

120RP4521	Routine	7/26/2018			
712605-A	Repeat	7/26/2018			
572921	Routine	7/26/2018			
1133404-B	Repeat	7/25/2018			1.400
113RP3404	Routine	7/25/2018			
833403	Routine	7/25/2018			
1204521-C	Repeat	7/25/2018			
1452804	Routine	7/25/2018			
1204521-B	Repeat	7/25/2018			
712605	Routine	7/25/2018			
751205	Routine	7/25/2018			
744113	Routine	7/24/2018			2.500
1123100	Routine	7/24/2018			1.300
1133404	Routine	7/24/2018			1.100
1204521	Routine	7/24/2018			1.600
2244620	Routine	6/20/2018			2.200

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

Violation Number	Violation Date	Violation Type	Compliance Period
430	12/14/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	11/01/2018 - 11/30/2018
431	11/09/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	10/01/2018 - 10/31/2018
429	09/07/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018
428	06/18/2018	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 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

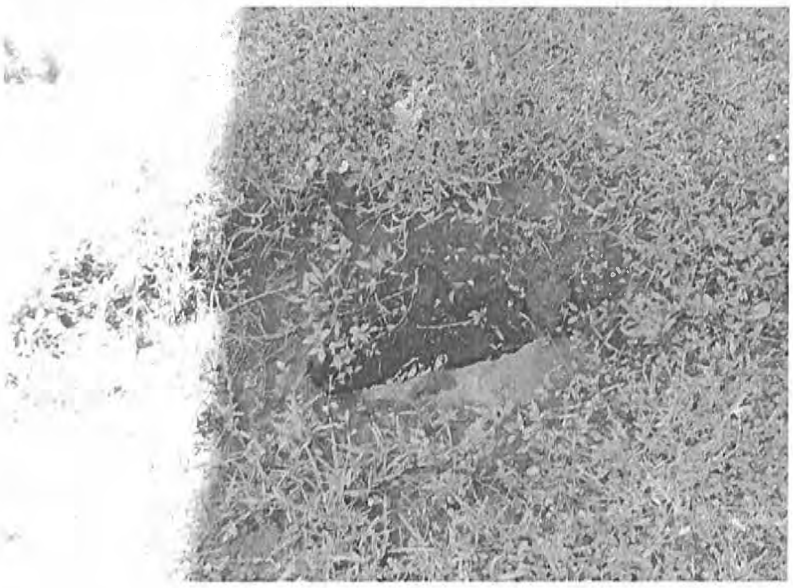
Severity: Significant

Facility ID: GR005 - RESERVIOR NO. 5 (300K GAL.) AT PLANT

Category: Finished Water Storage

Attachment Comments: The overflow is also missing a 24-mesh screen. There is no splash pad beneath the ground storage overflow. There are clear signs of erosion and standing water.





Attachment #2

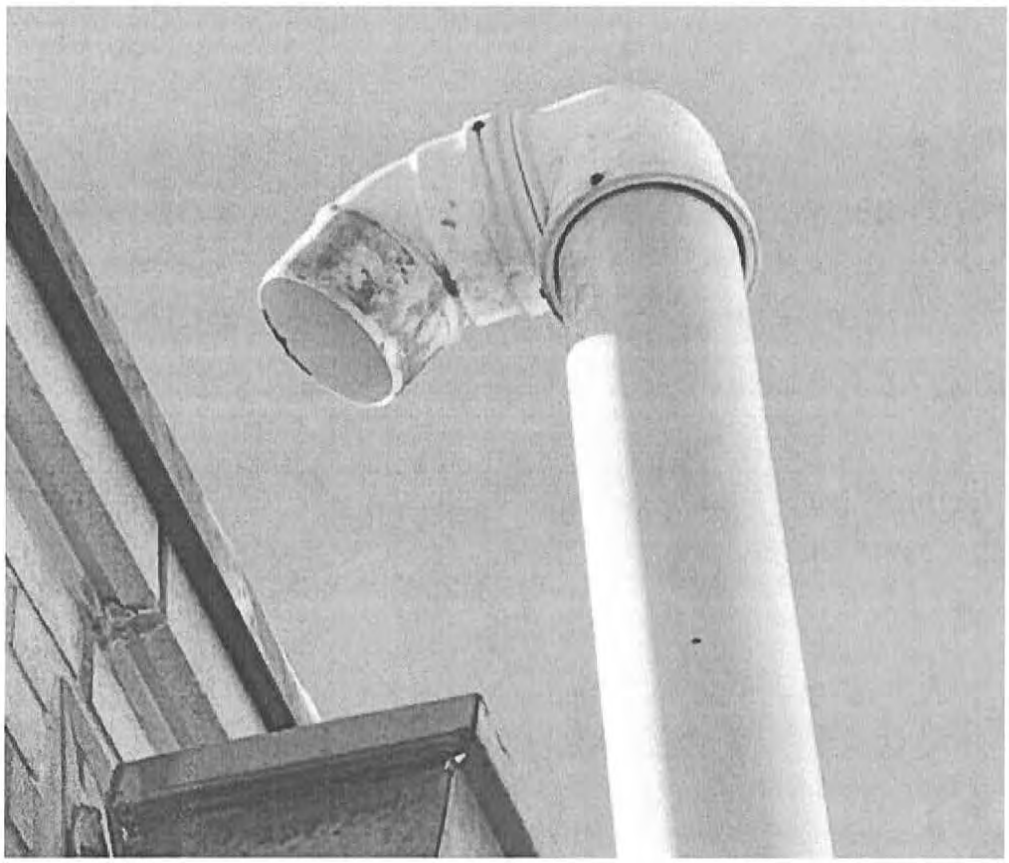
Severity: Significant

Facility ID: CW002 – P2 CLEARWELL

Category: Finished Water Storage

Attachment Comments: The vents for the P2 clear well are capped, and in their place is a single vent and exhaust fan, which terminated above the roof of the building. There is no screen on the vent opening.





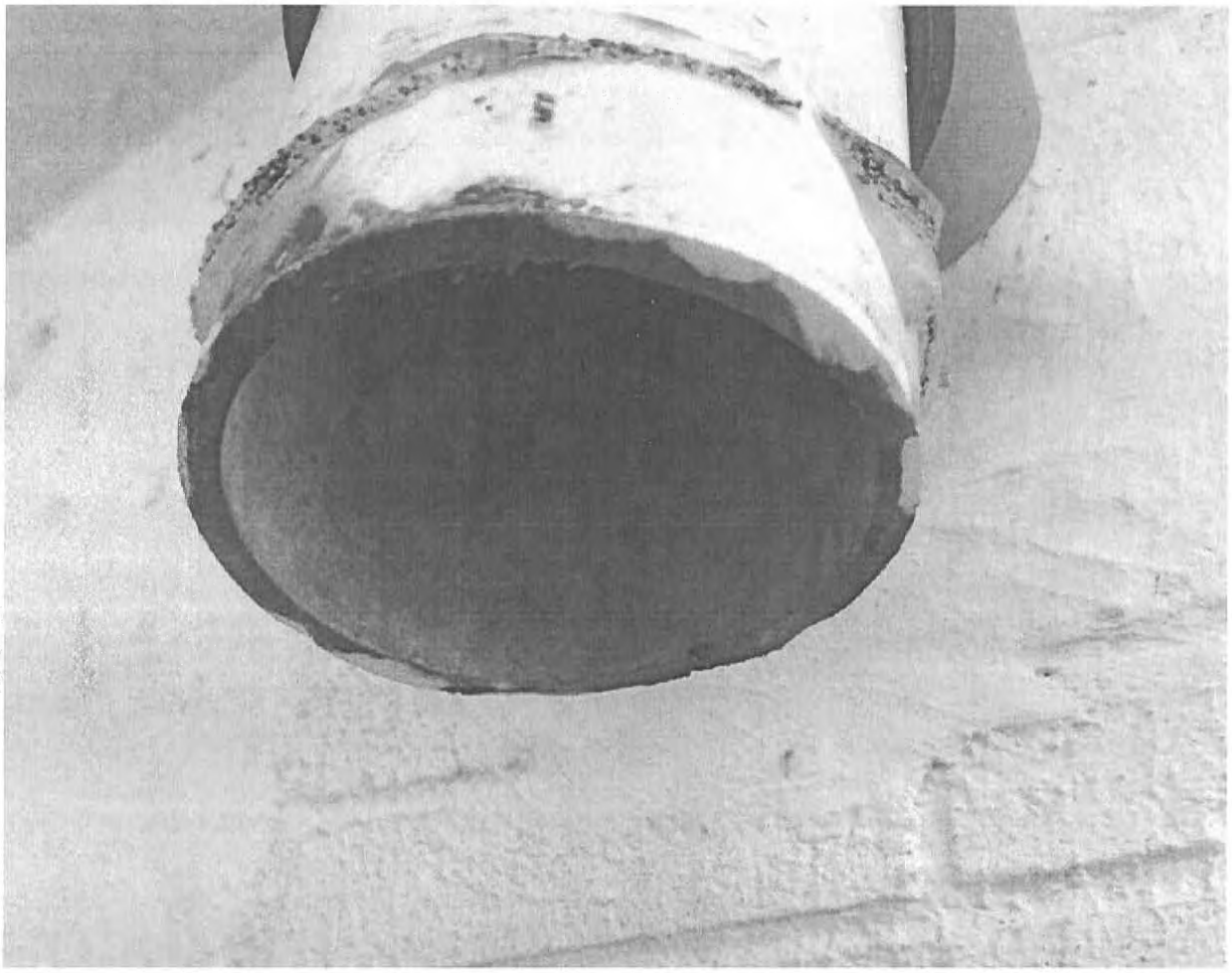
Attachment #3

Severity: Significant

Facility ID: CW003 – INFILCO CLEARWELL

Category: Finished Water Storage

Attachment Comments: One of the overflow/vents is also missing a screen. There is no splash pad beneath the Infilco clearwell overflow. There are clear signs of erosion.





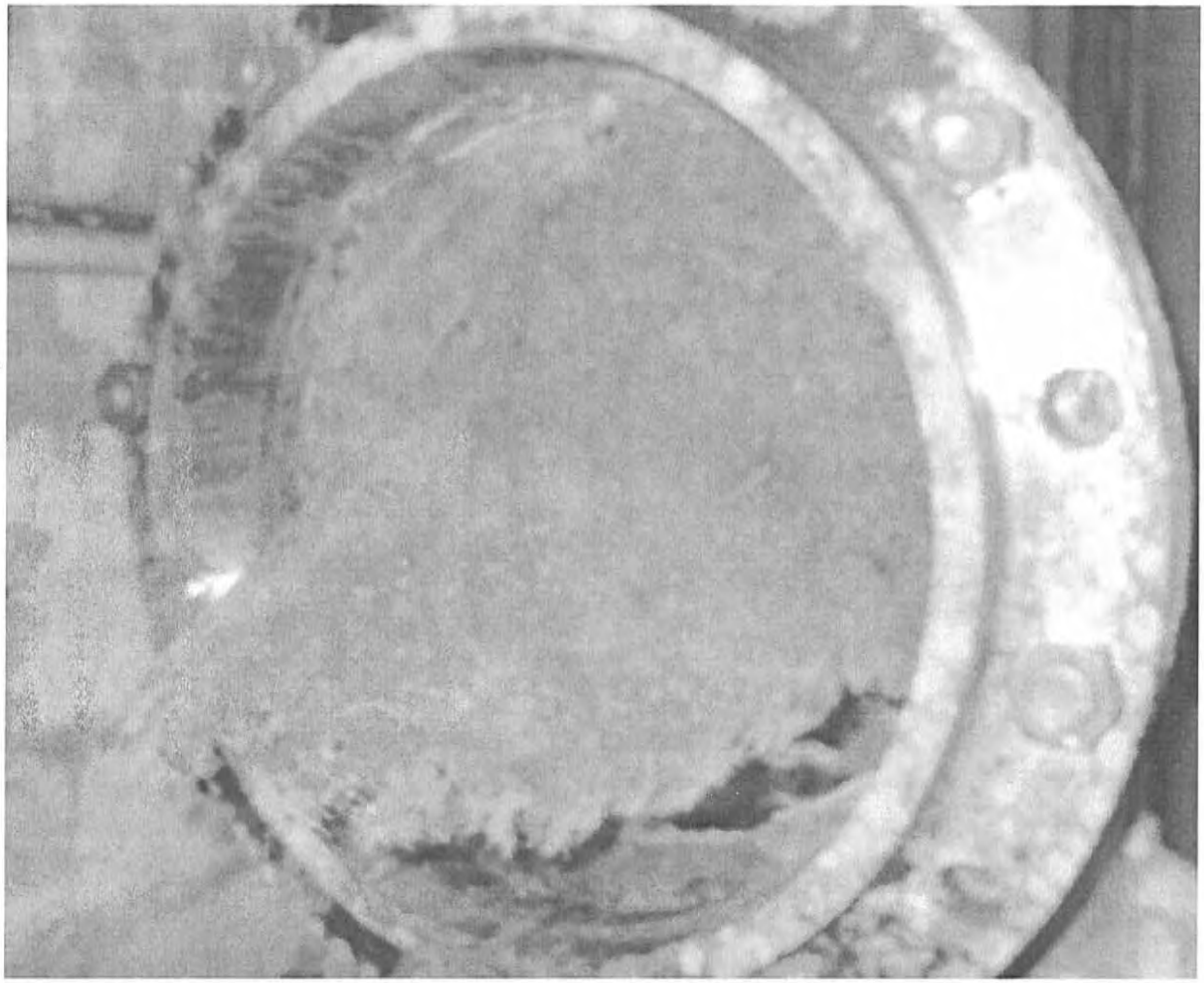
Attachment #4

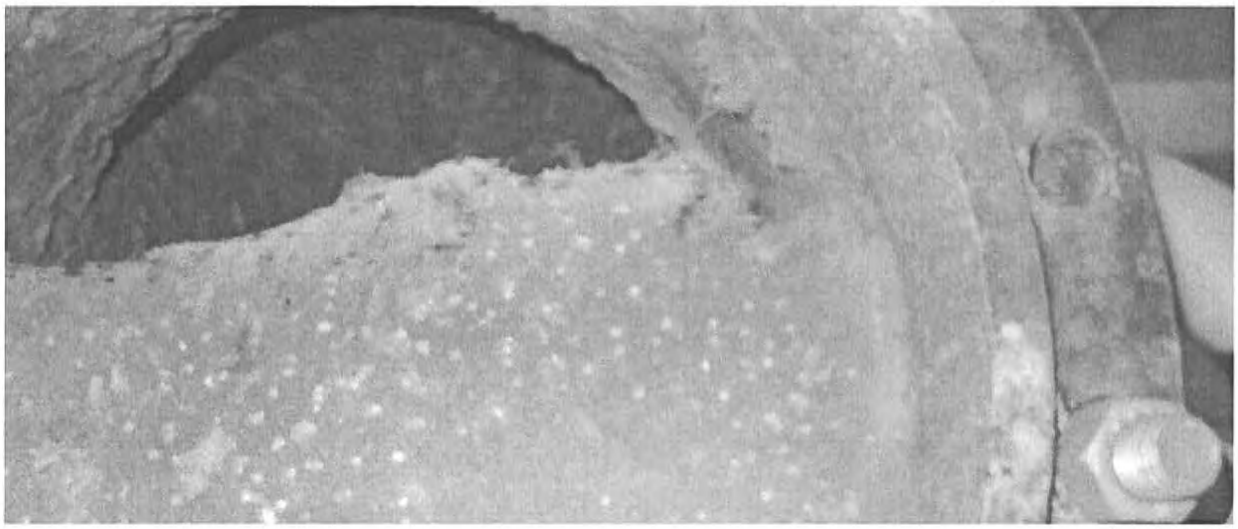
Severity: Significant

Facility ID: CW001 – P3 CLEARWELL

Category: Finished Water Storage

Attachment Comments: All of the screens on the P3 clearwell vents are blown out or severely corroded.





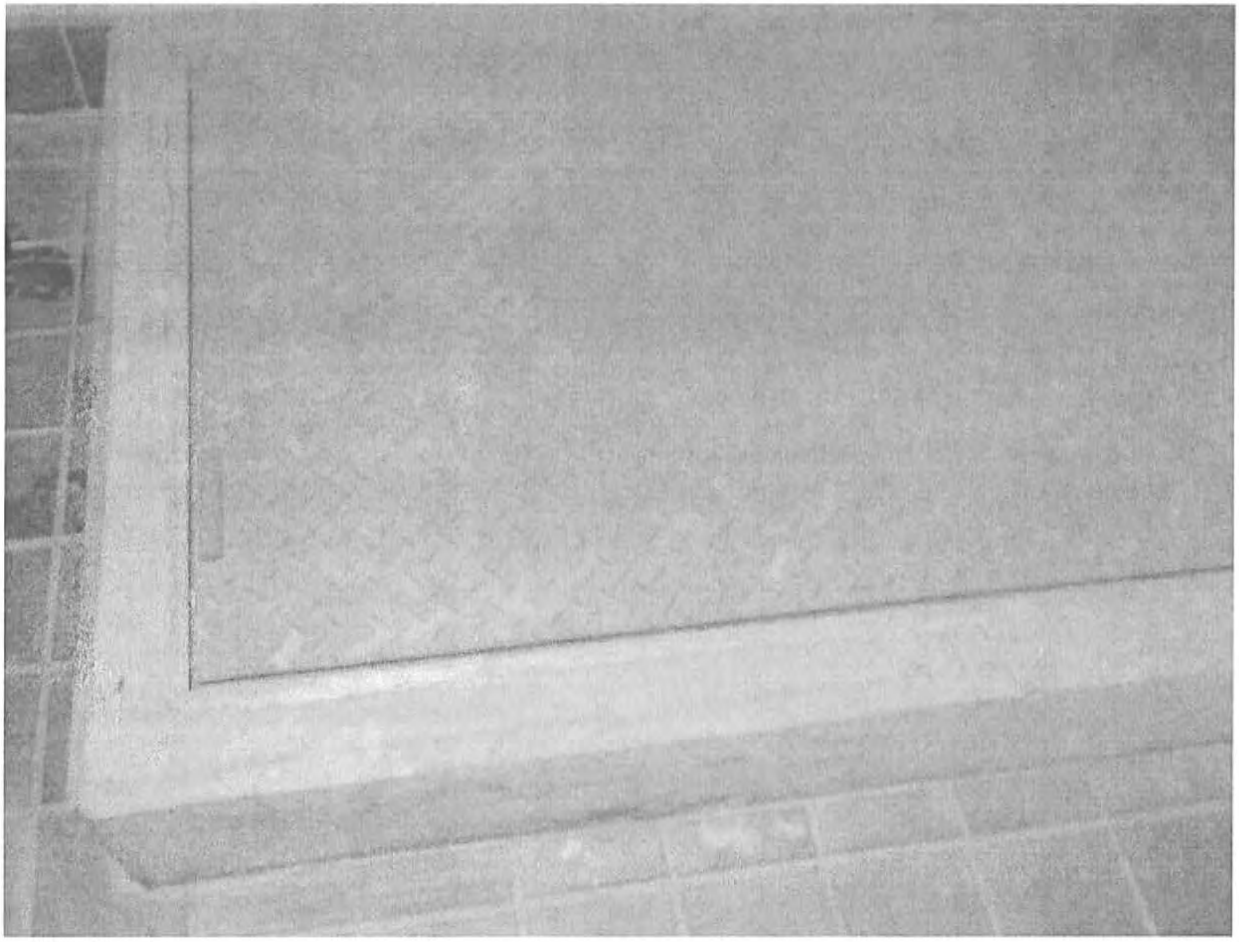
Attachment #5

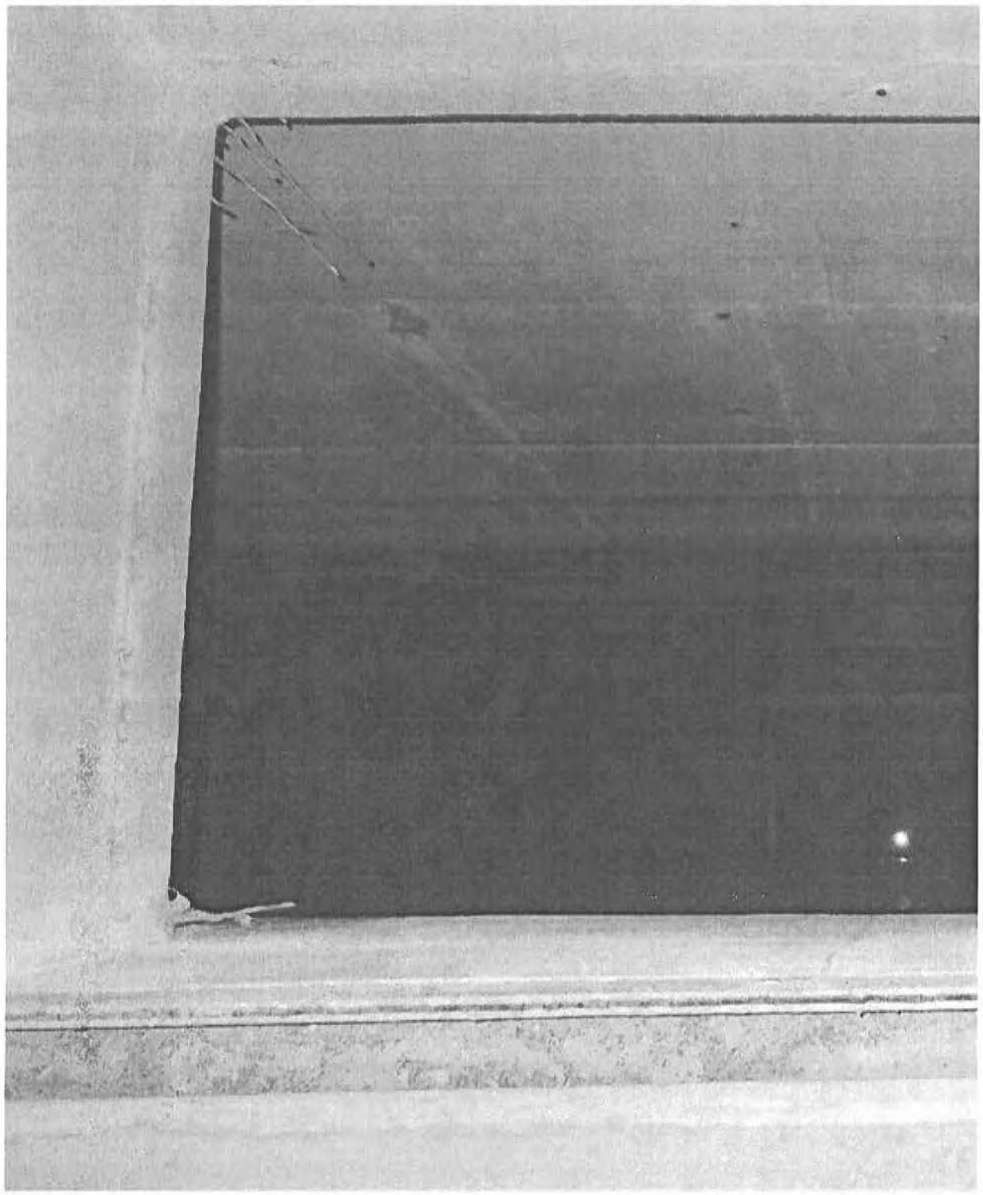
Severity: Significant

Facility ID: CW001 – P3 CLEARWELL

Category: Finished Water Storage

Attachment Comments: Hatch for clearwell is flush with the elevated casing, and is showing signs of water intrusion. Hatch is gasketed, but not regularly inspected for water tightness. This is a potential pathway for contamination.





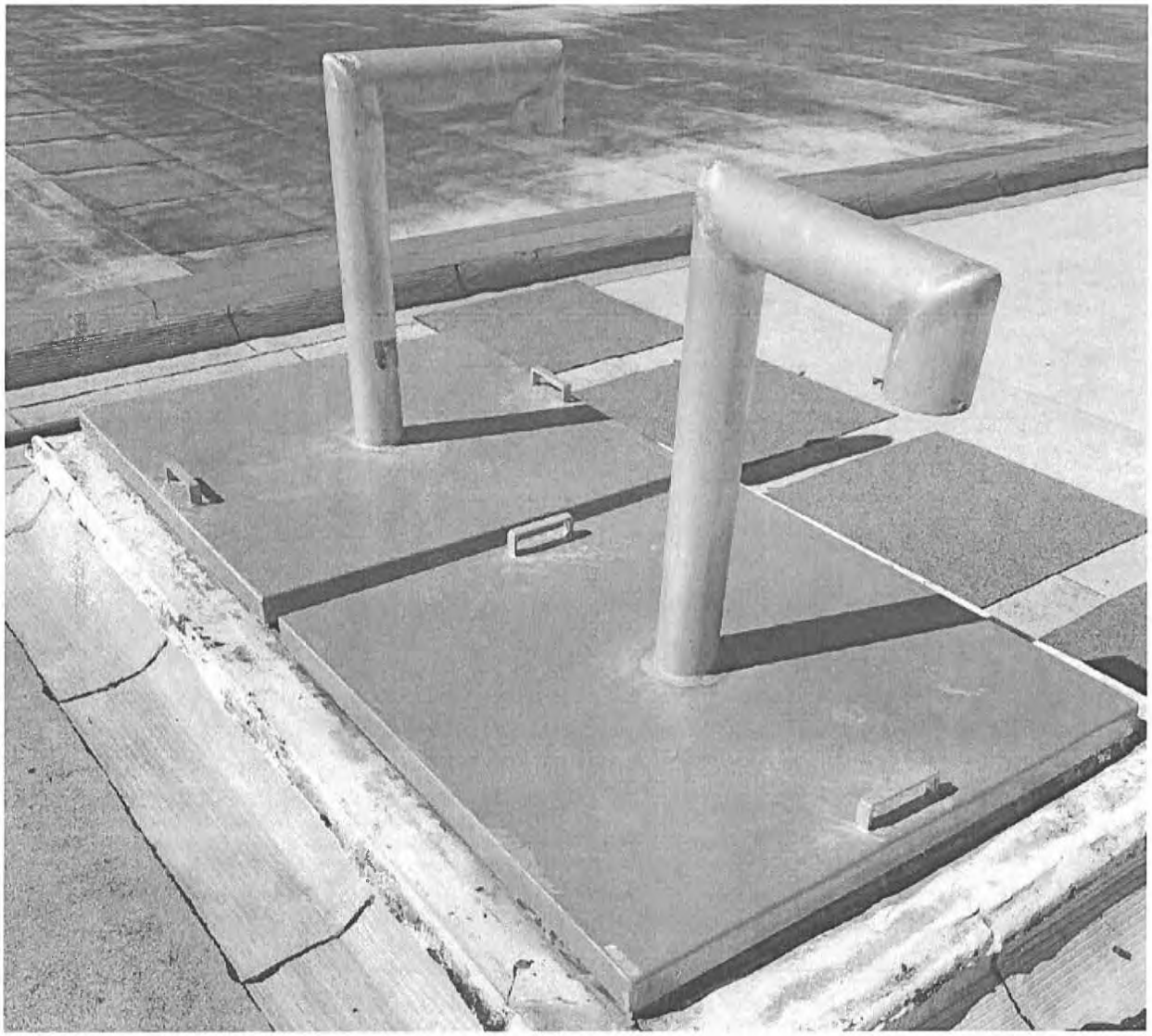
Attachment #6

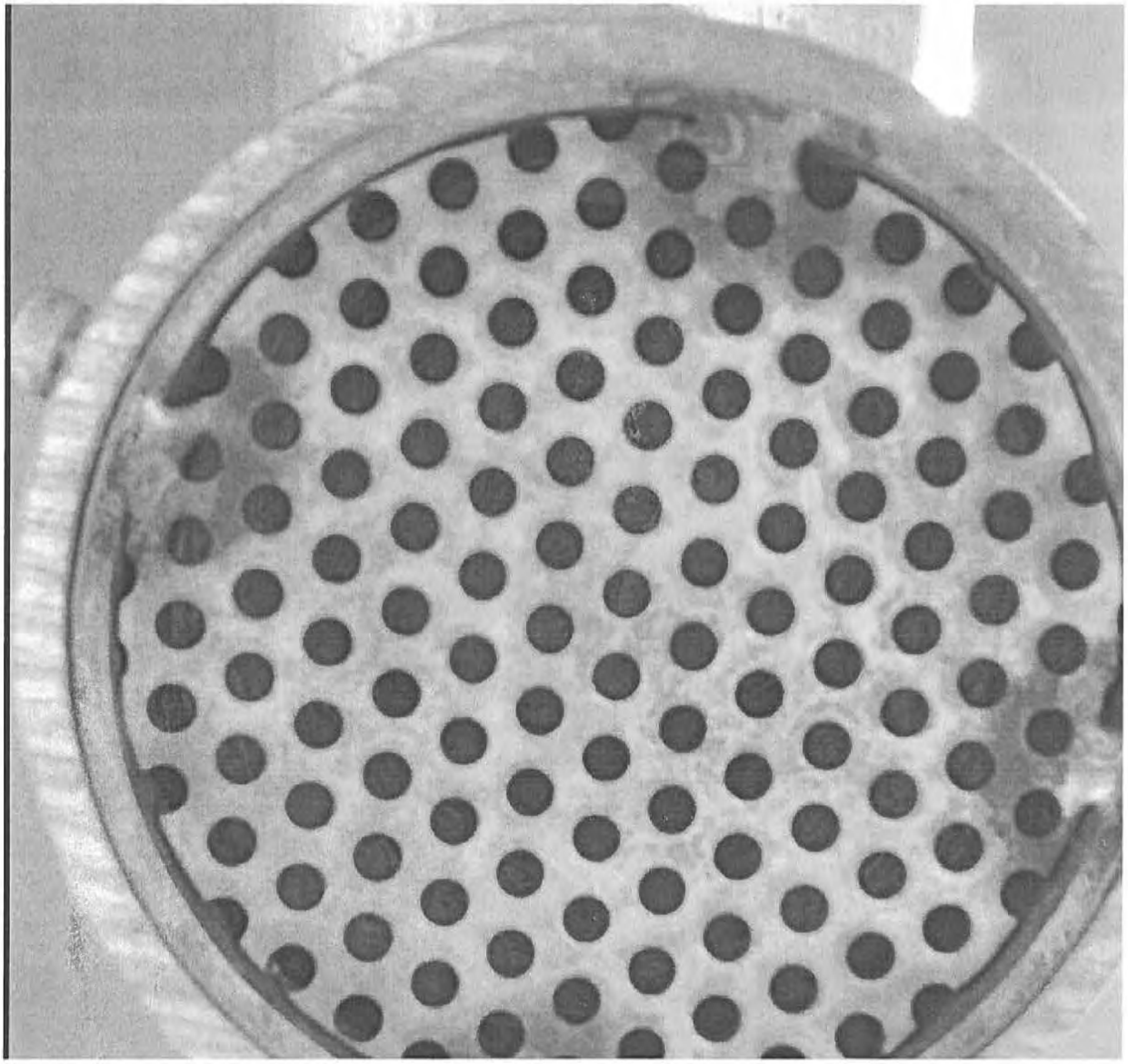
Severity: Significant

Facility ID: GR001 - RESERVIOR NO. 1 (150K GAL.) AT PLANT & GR002 - RESERVIOR NO. 2 (150K GAL.) AT PLANT

Category: Finished Water Storage

Attachment Comments: The vent above the access hatch to the reservoir does not have the proper screen for finished water storage. A 24-mesh screen is required.





Attachment #7

Severity: Minor

Facility ID: GR002 - RESERVIOR NO. 2 (150K GAL.) AT PLANT

Category: Finished Water Storage

Attachment Comments: There was significant erosion and signs of pooling around the roof drain spout. Over time this could lead to a pathway for contamination to the reservoir.



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 9582

December 5, 2019

Michael Baudoin
Gretna Waterworks
PO Box 404
Gretna, LA 70054

Re: Class I Sanitary Survey
Gretna Waterworks Public Water System
PWS ID LA1051003
Jefferson Parish

Dear Mr. Baudoin:

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 Gretna 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
Parker Allen	LDH-OPH-Engineering Services Region 1
Merrill T Steel	City Of Gretna, Plant 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
01/10/2018	02/16/2018	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: During the survey the City of Gretna indicated that its current cross connection control program is not currently up to date with the latest version of the plumbing code.# The City of Gretna does not have a process in place to notify or track which customers have tested their back flow prevention devices out in the distribution system.# Gretna needs to develop a system of notifying its customers when back flow prevention device inspections are due, as well as maintain a database of who has and has not tested their devices. #LAC.51:XII.344.A and .B,# "A. As used in this Section, mandatory containment practices means the containment practices prescribed in and required by the state Uniform Construction Code, LAC 17:I,including maintenance and testing requirements, and any additional or related requirements of this Part. #B. In order to protect its water supply from potential contamination, each water supplier shall develop and implement a written back flow 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."					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - 1 MG RESERVOIR AT PLANT	Finished Water Storage	The screen on the overflow of the large ground storage tank shows some minor holes and corrosion. The screen shall be replaced with a new 24 mesh screen. **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.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR003 - CLEARWELL	Finished Water Storage	The clearwell does not have a dedicated vent. A vent shall be installed.

		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
GR002 - 0.85 MG RESERVOIR AT PLANT	Finished Water Storage	The overflow for the small ground storage tank terminates too high above the splash plate. The overflow shall be brought down to discharge 12 to 24 inches above the 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.
FACILITY	CATEGORY	FINDINGS
GR002 - 0.85 MG RESERVOIR AT PLANT	Finished Water Storage	There is no dedicated vent on the small ground storage tank. A vent shall be installed. 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.

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

<u>Recommendations</u>

The following observations made at the time of the inspection have the potential to 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
1051003-001 - SURFACE WATER RAW INTAKE	Source	The dolphin that protects the intake structure from being struck by ships and debris is damaged due to a collision. There should be efforts made to fortify or replace the dolphin to ensure another collision would not put the intake structure at risk.
FACILITY	CATEGORY	FINDINGS
EL001 - 5TH STREET 250K GAL TOWER AT PLANT	Finished Water Storage	The side gate of the fenced in area was open at the time of inspection. The elevated storage tank also functions as a cellular service tower and is periodically accessed by AT&T personnel. There should be efforts made to ensure that the area is secured at all times.

Written Response Required

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.

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

Attachments

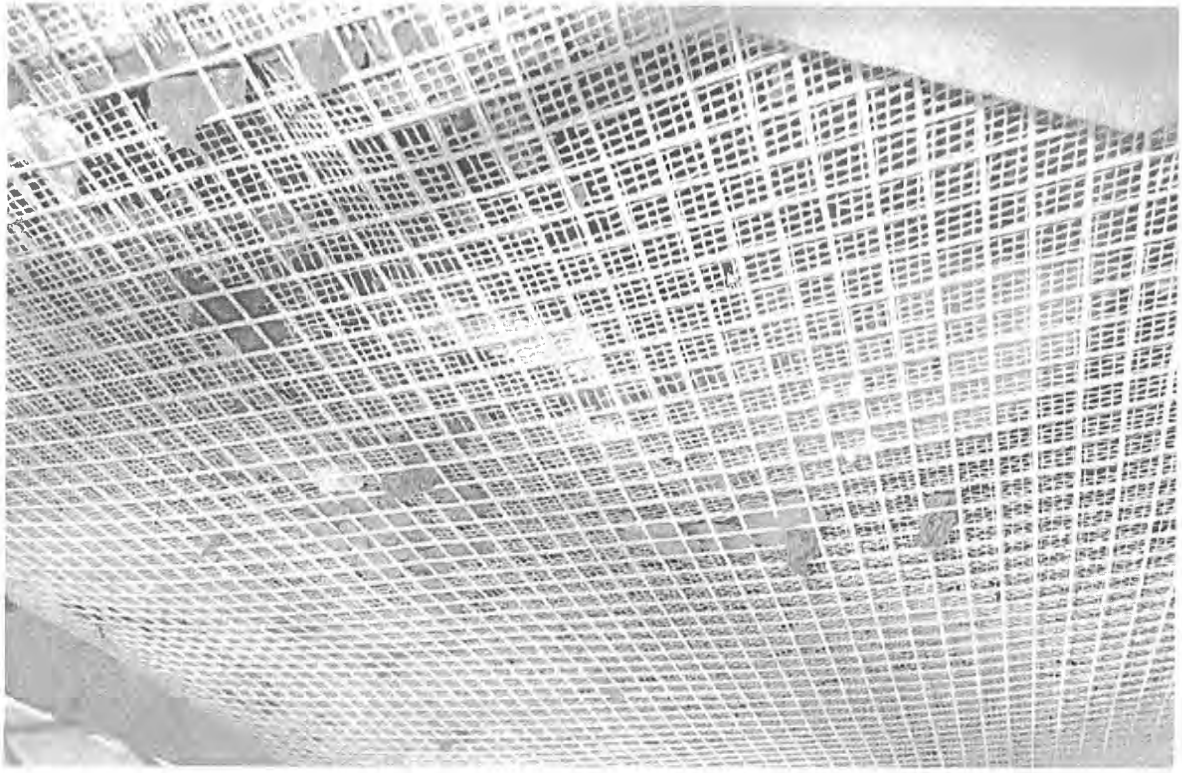
Attachment #1

Severity: Significant

Facility ID: GR001 - 1 MG RESERVOIR AT PLANT

Category: Finished Water Storage

Attachment Comments: The screen on the overflow of the large ground storage tank shows some minor holes and corrosion. The screen should be replaced with a new 24 mesh screen.



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 1326

October 9, 2019

Kristen A. Rivero
Chief Chemist, Jefferson Water Department
3600 Jefferson Hwy Bldg. E
Jefferson, LA 70121

Re: Class I Sanitary Survey
West Jefferson Water Works District 2 Public Water System
PWS ID LA1051004
Jefferson Parish

Dear Ms. Rivero:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the September 18, 2019 sanitary survey inspection of the public water supply system for West Jefferson Water Works 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
Parker Allen	LDH-OPH-Engineering Services Region 1
Daniella Besse	LDH-OPH-Engineering Services Central
Christina Dang	LDH-OPH-Engineering Services Region 2
Bruce Miu	LDH-OPH-Engineering Services Central
David Mahner	Jefferson Parish, Plant Manager
Kristen A. Rivero	Jefferson Parish, Chief Chemist

NOTICE OF VIOLATIONS

By this notice LDH calls to your immediate attention the following deficiencies observed during our inspection of your system's facilities and records. Under the GWR and SWTR, significant

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

The following list 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
TP001 - SURFACE WATER TREATMENT PLANT	Treatment	The bulk storage container for the hydrofluorosilicic acid is missing a label. An acceptable label must be affixed to the tank, where it can be seen clearly from ground level. **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 not used for different chemicals. Offloading areas must be clearly labeled to prevent accidental cross-contamination.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	It was found in the validation records for the continuous chlorine monitors that multiple validations were far out of acceptable range. The Lafitte Station, the Cheniere Station, and the Tower East Station all had recurring instances where the validation came back with a greater than 10% error for multiple weeks, indicating the source of the errors were not corrected. LAC 51:XII.1109.C - The accuracy of residual disinfectant measurements from any continuous disinfectant residual monitor shall be validated weekly. Validation shall be performed by collecting a grab sample from the tubing supplying water to the monitor (e.g., via a tee connection which is normally capped or valved closed) at a location immediately upstream (less than 5 feet) of the continuous disinfectant residual monitor. Such grab sample shall be analyzed using a bench top spectrophotometer/colorimeter which has been calibrated according to 1109.A of this Chapter. If the spectrophotometer/colorimeter reading indicates + or

		- 10 percent or more deviation as compared to the continuous disinfectant residual monitor reading, the cause of the disparity shall be investigated and resolved within 5 working days. In the meantime, grab samples shall be collected and analyzed every two hours as per 1125.B of this Chapter. The accuracy of residual disinfectant measurements from any replacement instrument shall be validated prior to service or return to service.
FACILITY	CATEGORY	FINDINGS
GR001 – GR TANK NO. 1 AT PLANT	Finished Water Storage	The ground storage tanks at the plant were constructed and designed without an overflow. An appropriate overflow must be installed. LAC: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.
GR002 – GR TANK NO. 2 AT PLANT	Finished Water Storage	The ground storage tanks at the plant were constructed and designed without an overflow. An appropriate overflow must be installed. LAC: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.
FACILITY	CATEGORY	FINDINGS
GR006 – GRAND ISLE GR NO. 1 – NORTH END (SMALL)	Finished Water Storage	The overflow for the ground storage tank does not face downward and does not have 24 mesh screen. A slight vacuum was observed from the overflow discharge; it could be felt by putting one's hand over the openings, and it could be heard when opening the flapper. This should be investigated, and an acceptable solution to face the overflow downward must be installed. LAC: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.
FACILITY	CATEGORY	FINDINGS
GR007 – GRAND ISLE GR NO. 1 – NORTH END	Finished Water Storage	The overflow for the ground storage tank does not face downward and does not have 24 mesh screen. An acceptable solution to face the overflow downward must

(LARGE)		be installed. LAC: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.
FACILITY	CATEGORY	FINDINGS
EL007 - GRAND ISLE TOWER WEST (CHENIERE)	Finished Water Storage	The flapper for the overflow of the elevated storage tank has broken off and was not repaired. The entire splash pad area is obstructed by vegetation, which prevents the inspection of the overflow. The overflow must be repaired, and the vegetation should be cleared. LAC 51:225.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
GR011 - CLEARWELL	Finished Water Storage	At the time of inspection, one of the vents for the clearwell was completely blocked with plastic. The opening of the vent should have 24-mesh installed. **See attachment #2.** LAC 51:225.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. 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;
FACILITY	CATEGORY	FINDINGS
EL002 - MARRERO TOWER	Finished Water Storage	The four mesh screen on the overflow pipe opening was not adequately attached. The screen should be properly affixed to the discharge of the overflow. **See attachment #3.** LAC 51:225.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.

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

correct 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
EL005 – PATRIOT TOWER	Finished Water Storage	The overflow piping does not appear structurally sound. and there is significant erosion surrounding the discharge area. The areas should be properly graded to prevent runoff from the overflow from eroding the surrounding area, and the drain should be reconstructed.

Written Response Required

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
B082019W025	Routine	8/20/2019			2.560
B071619W079	Routine	7/16/2019			0.170
B020719W142	Routine	2/7/2019			2.440
B020719W149	Routine	2/7/2019			0.620
B020719W205	Routine	2/7/2019			2.090
1215105	Routine	11/15/2018			2.700
728029	Routine	10/10/2018			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
673	09/18/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2019 - 08/31/2019
669	03/14/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	02/01/2019 - 02/28/2019
670	03/14/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	01/01/2019 - 01/31/2019
667	01/16/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	12/01/2018 - 12/31/2018
665	11/27/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2018 - 07/31/2018
666	11/27/2018	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 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

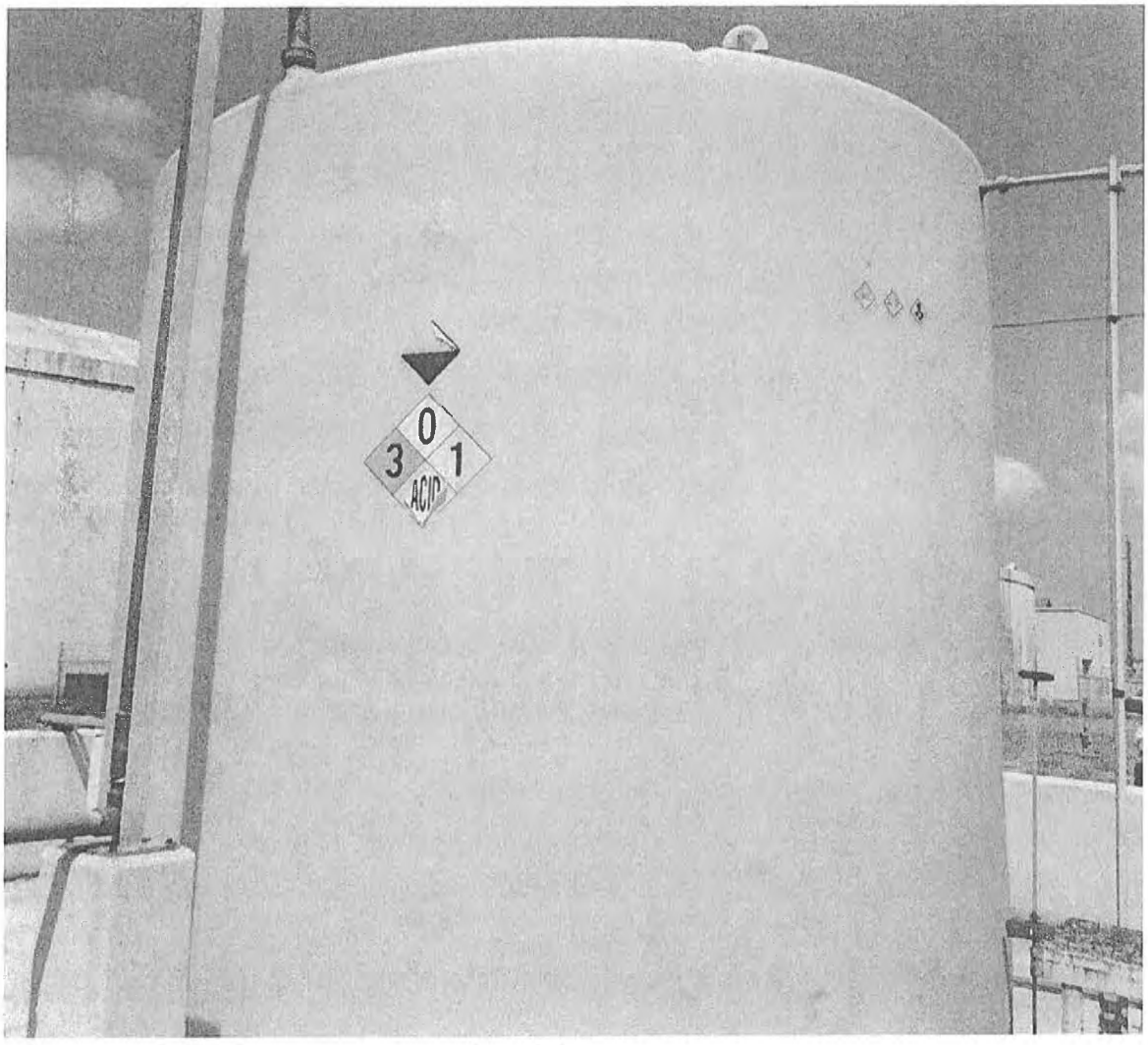
Attachment #1

Severity: Significant

Facility ID: TP001 – SURFACE WATER TREATMENT PLANT

Category: Treatment

Attachment Comments: The bulk storage container for the hydrofluorosilicic acid is missing a label. An acceptable label must be affixed to the tank, where it can be seen clearly from ground level.



Attachment #2

Severity: Minor

Facility ID: GR011 - CLEARWELL

Category: Finished Water Storage

Attachment Comments: At the time of inspection, one of the vents for the clearwell was completely blocked with plastic. The opening of the vent should have 24-mesh installed.



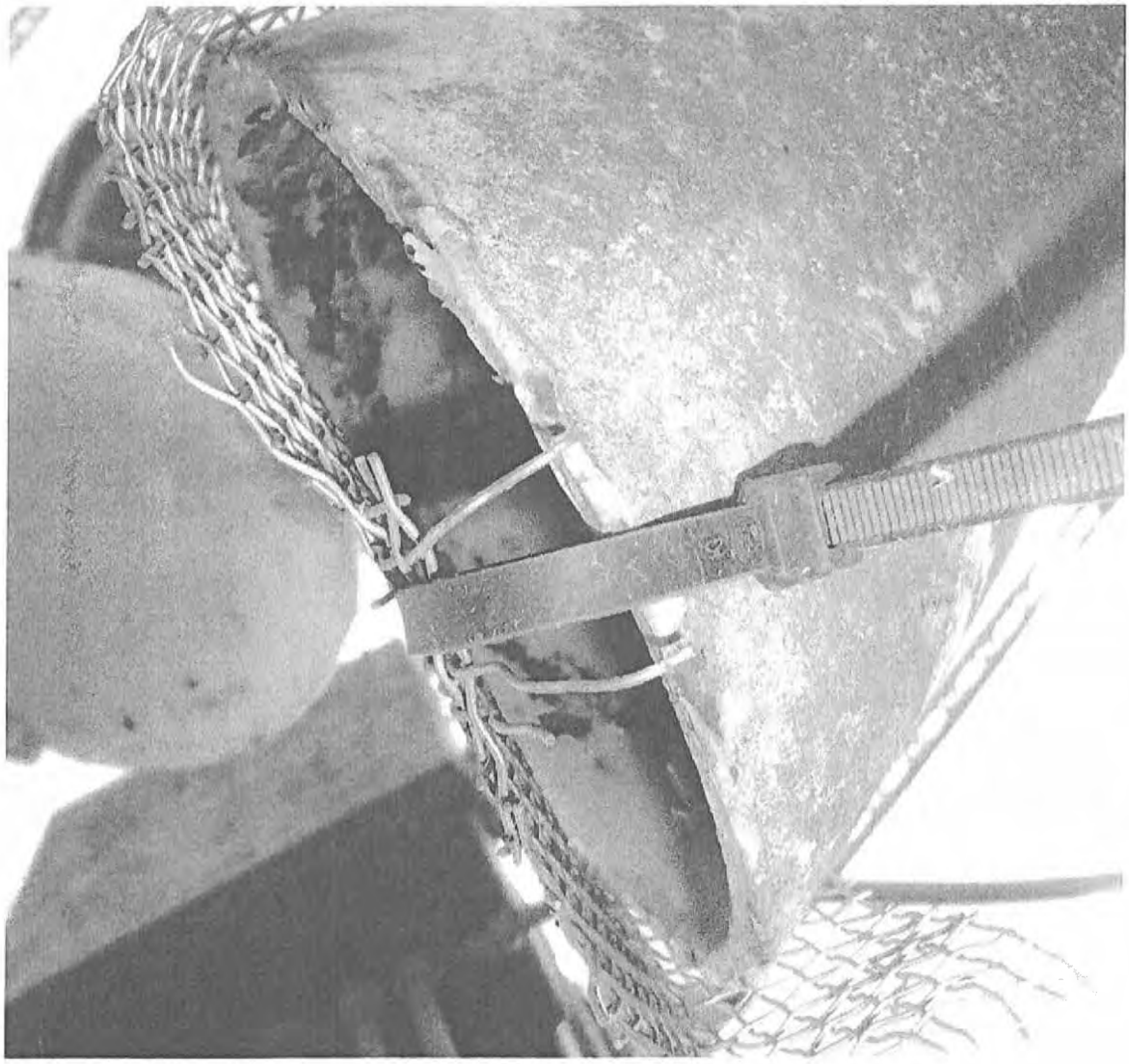
Attachment #3

Severity: Minor

Facility ID: EL002 – MARRERO TOWER

Category: Finished Water Storage

Attachment Comments: The four mesh screen on the overflow pipe opening was not adequately attached. The screen should be properly affixed to the discharge of the overflow.



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 5914

March 27, 2019

Carolyn Louviere
TOWN of WELSH WATER SYSTEM
P.O. Box 786
Welsh, LA 70591

Re: Class I Sanitary Survey
TOWN of WELSH WATER SYSTEM Public Water System
PWS ID LA1053006
JEFFERSON DAVIS Parish

Dear Mayor Louviere:

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 TOWN of WELSH 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
Tommy Lafosse	Town Of Welsh Water System
Chris Lebouef	Town Of Welsh 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).

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

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	A updated working list of applicable customers for the Cross Connection Control Program is needed and must be kept in the files. Testing reports for the cross connection control devices could not be confirmed for 2018. All cross connection control devices must be tested annually by a certified tester. Annual notice is required by the water system to support testing efforts by applicable customers. Non-compliance must end in disruption of water service. A working Cross Connection Control Program must be demonstrated.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The well discharge piping has a hose bib connection that does not have 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 a hose, when used, voids this protection. The hose, with or without a control valve, should be removed and stored when not being used. **(See Attachment A.1.)**
FACILITY	CATEGORY	FINDINGS
1053006-002 - WELL #1 - NORTH	Source	The well's casing vent is not covered by a 24 mesh, corrosion resistant screen. The existing screening is too coarse. The well's casing vent must be covered by a 24 mesh, corrosion resistant screen. **(See Attachment A.2.)**

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 5 office a copy of the next three (3) months of properly recorded, chlorine residual forms.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	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.

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

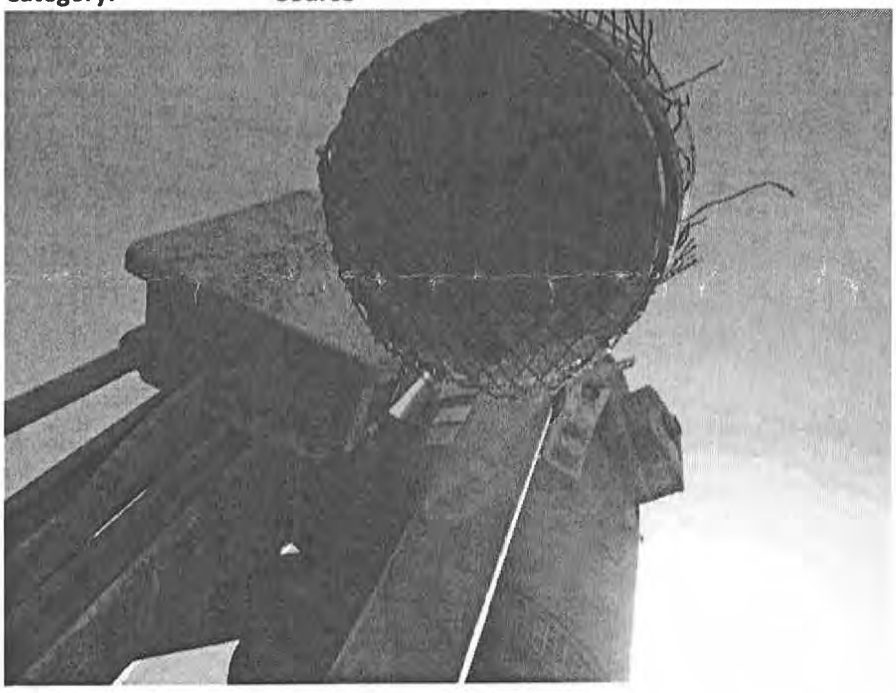
cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments:

Attachment A.1. **Cross Connection Device Needed**
Facility ID: **DS0950 – Distribution System**
Category: **Distribution System**



Attachment A.2. **Well Vent Screening**
Facility ID: **1053006-002 - WELL #1 - NORTH**
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 6058

May 21, 2019

John Reeves
JEFF DAVIS CENTRAL WATERWORKS DISTRICT
20263 Hwy 99
Welsh, LA 70591

Re: Class I Sanitary Survey
JEFF DAVIS CENTRAL WATERWORKS DISTRICT Public Water System
PWS ID LA1053012
JEFFERSON DAVIS Parish

Dear Mr. Reeves:

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 JEFF DAVIS CENTRAL 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
Steven R. Joubert	OPH-Region V Engineering
Jeff Credeur	Jeff Davis Central WW District
Dustin Pole	Jeff Davis Central WW District
Buck Pugh	Jeff Davis Central WW 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/11/2017	08/09/2017	Sanitary Survey, Finished	Minor	Treatment	TP001-TP FOR WELL #1, #2 - OFFICE PRECHLORO
Comments: 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.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The current monitoring plan for the water system needs to be updated due to a population increase. This task can be accomplished by logging into the Monitoring Plan Portal (MPP) at the following link: https://www.ldhh-mpp.org/. During the survey, it was noted that the map needs to be updated to reflect the addition of a TCR location. The monitoring plan will be returned for the addition of the TCR location by the water system. For assistance, please feel free to call me at 1-337-475-3214.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	An approved chemical lab status certification has not been obtained (or is not available for review) 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 a contractor's (TMB) 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).

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Due to an increase in the number of service connections, the water system must install an additional TCR sampling point. The monitoring plan will be returned for updating. Please consult with LDH about the location of the additional TCR sampling point. (Proposed location: near the intersection of Hwy 101 & Prairie Way.)
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The air relief valve at the West Booster (Hwy 101) Woodlawn on the rear of the pumphouse is unscreened. The air release-vacuum relief valve must be covered with a 24 mesh corrosion resistant screen. **(See Attachment A.1.)**
FACILITY	CATEGORY	FINDINGS
GR002 - GROUND #2 - OFFICE EAST GR003 - HWY 101 – EAST GR004 – HWY 101 – WEST GR005 - COMPTON RD GR006 – GROUND #3 – OFFICE WEST	Finished Water Storage	From review, the finished water storage facility (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 the finished water storage facility could benefit from an inspection.
FACILITY	CATEGORY	FINDINGS
HD001 – OFFICE HD002 – HWY101 HD003 – COMPTON RD	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
1053012-001 - WELL #1 - EAST	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. Replace the air relief valve screening to prevent the entrance of contaminants. **(See Attachment A.2.)**
FACILITY	CATEGORY	FINDINGS
1053012-002 - WELL #2 - WEST	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. Replace the air relief valve screening to prevent the entrance of contaminants. **(See Attachment A.3.)**

FACILITY	CATEGORY	FINDINGS
1053012-002 - WELL #2 - WEST	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 A.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.

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: 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.

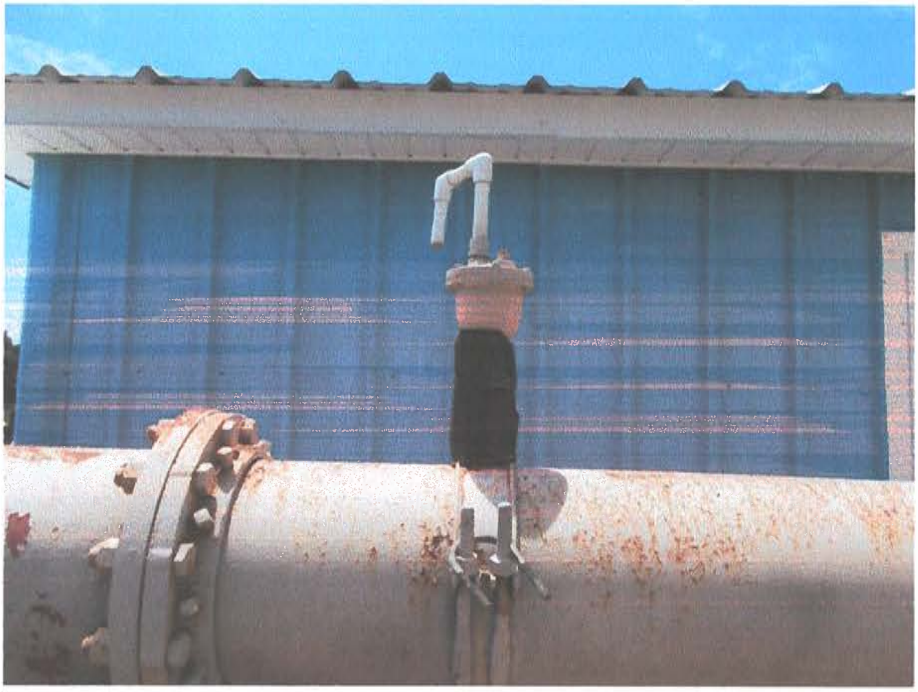
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 337-475-3214.

Respectfully,

Steven R. Joubert, P.E.
District III Engineer
cc: Amanda Ames, P. E., Chief Engineer, LDH-OPH-Engineering

Attachments:

Attachment A.1. **Unscreened Air Relief Valve**
Facility ID: **DS0950 - DISTRIBUTION SYSTEM**
Category: **Distribution System**



Attachment A.2. **Unscreened Air Relief Valve**
Facility ID: **1053012-001 - WELL #1 - EAST**
Category: **Source**



Attachment A.3. **Unscreened Air Relief Valve**
Facility ID: **1053012-001 - WELL #2 - WEST**
Category: **Source**



Attachment A.3. **Unscreened Air Relief Valve**
Facility ID: **1053012-001 - WELL #2 - WEST**
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 1830 0000 4149 3227

August 14, 2019

John Reeves
JEFF DAVIS CENTRAL WATERWORKS DISTRICT
20263 Hwy 99
Welsh, LA 70591

Re: Level 2 Assessment
- Triggered by 2nd Level 1 in 12 rolling months
JEFF DAVIS CENTRAL WATERWORKS DISTRICT Public Water System
PWS ID LA1053012
JEFFERSON DAVIS Parish

Dear Mr. Reeves:

The Louisiana Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 14, 2019 RTCR Level 2 Assessment of the public water supply system for JEFF DAVIS CENTRAL WATERWORKS DISTRICT Public 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
Jeff Credeur	Jeff Davis Central WW 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/15/2019	05/20/2019	Sanitary Survey, Finished	Significant	System Management and Operation	Management

Comments: An approved chemical lab status certification has not been obtained (or is not available for review) 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 a contractor's (TMB) 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).

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/15/2019	05/20/2019	Sanitary Survey, Finished	Minor	Distribution System	DS0950-DISTRIBUTION SYSTEM

Comments: The air relief valve at the West Booster (Hwy 101) Woodlawn on the rear of the pumphouse is unscreened. The air release-vacuum relief valve must be covered with a 24 mesh corrosion resistant screen.

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/15/2019	05/20/2019	Sanitary Survey, Finished	Minor	Finished Water Storage	GR002-GROUND #2 - OFFICE EAST

Comments: From review, the finished water storage facility (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 the finished water storage facility could benefit from an inspection.

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/15/2019	05/20/2019	Sanitary Survey, Finished	Minor	Finished Water Storage	GR003-HWY 101 - EAST

Comments: From review, the finished water storage facility (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 the finished water storage facility could benefit from an inspection.

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/15/2019	05/20/2019	Sanitary Survey, Finished	Minor	Finished Water Storage	GR004-HWY 101 - WEST

Comments: From review, the finished water storage facility (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 the finished water storage facility could benefit from an inspection.

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/15/2019	05/20/2019	Sanitary Survey, Finished	Minor	Finished Water Storage	GR005-COMPTON RD

Comments: From review, the finished water storage facility (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 the finished water storage facility could benefit from an inspection.

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/15/2019	05/20/2019	Sanitary Survey, Finished	Minor	Finished Water Storage	GR006-GROUND #3 - OFFICE WEST

Comments: From review, the finished water storage facility (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 the finished water storage facility could benefit from an inspection.

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/15/2019	05/20/2019	Sanitary Survey, Finished	Minor	Finished Water Storage	HD001-OFFICE

Comments: 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.

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/15/2019	05/20/2019	Sanitary Survey, Finished	Minor	Finished Water Storage	HD002-HWY 101

Comments: 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.

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/15/2019	05/20/2019	Sanitary Survey, Finished	Minor	Finished Water Storage	HD003-COMPTON RD

Comments: 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.

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/15/2019	05/20/2019	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management

Comments: Due to an increase in the number of service connections, the water system must install an additional TCR sampling point. The monitoring plan will be returned for updating. Please consult with LDH about the location of the additional TCR sampling point. (Proposed location: near the intersection of Hwy 101 & Prairie Way.)

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/15/2019	05/20/2019	Sanitary Survey, Finished	Minor	Source	1053012-001-WELL #1 - EAST

Comments: 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. Replace the air relief valve screening to prevent the entrance of contaminants.

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/15/2019	05/20/2019	Sanitary Survey, Finished	Minor	Source	1053012-002-WELL #2 - WEST

Comments: 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. Replace the air relief valve screening to prevent the entrance of contaminants.

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/15/2019	05/20/2019	Sanitary Survey, Finished	Minor	Source	1053012-002-WELL #2 - WEST

Comments: 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.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/11/2017	08/09/2017	Sanitary Survey, Finished	Minor	Treatment	TP001-TP FOR WELL #1, #2 - OFFICE PRECHLORO
Comments: 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.					

Significant Defects (Requiring corrective action and response on or before September 12, 2019)

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	TCR-005, 13490 Pousson Road, has a small leak at the base of the spigot. Repair the leaking sample tap support TCR-005, 13490 Pousson Road
FACILITY	CATEGORY	FINDINGS
1053012-002 - WELL #2 - WEST	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. Replace the air relief valve screening to prevent the entrance of 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 – 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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1908259-002	Routine	8/11/2019		1.090	
A1908259-003	Routine	8/11/2019		1.240	

A1906430-001	Routine	6/23/2019		1.350	
A1905757-001		6/5/2019			
A1905745-001	Repeat	6/4/2019		1.390	
A1905488-002	Routine	6/2/2019		1.400	

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
106	08/13/2019	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	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 337-475-3214.

Respectfully,

Steven R. Joubert, P.E.
District 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: Jeff Davis Central WW District		PWS ID#: 1053012
Contact Name: Jeff Credeur		Phone #: 1-337-523-8948
PWS Address: 20263 Hwy 99, Welsh, LA 70591		E-mail: jdcwwd@hotmail.com
Name of Lead Assessor: Steven R. Joubert		Date Completed: 8/14/2019
Level 2 Trigger	*E. coli* Positive: YES ☐NO ☐	If yes, which sample(s) from Section II?
	2nd Level 1: YES X NO ☐	Date of 1st Level 1: June 23, 2019

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

Positive Sample #1:	Sample POC#: TCR-005	Sample POC Name: 13490 Pousson Rd.
Sample Date: 8/11/2019	Name of Sample Collector: Jeff Credeur	
Chlorine Residual: Free X Total ☐ Not Measured ☐		1.09 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 ☐ NO X
Were the samples collected in accordance with proper sample collection protocols?		YES X NO ☐

Positive Sample #2:	Sample POC#: TCR-010	Sample POC Name: 22166 Edmund Walker
Sample Date: 8/11/2019	Name of Sample Collector: Jeff Credeur	
Chlorine Residual: Free X Total ☐ Not Measured ☐		1.24 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: Repeat Downstream
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		
16. Is the air relief vacuum valve properly screened?		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 (4)
Chlorine Residual (mg/L)		POE-001, 1.41 Free	E Booster, 1.29 free TCR-010, 1.26 free W Booster, 1.28 free TCR-005, 1.06 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 #) A.16.	Corrective Action
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. Replace the air relief valve screening to prevent the entrance of contaminants

Issue Description (list section letter and #) D.14.	Corrective Action
TCR-005, 13490 Pousson Road, has a small leak at the base of the spigot.	Repair the leaking sample tap support TCR-005, 13490 Pousson Road.

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): Steven R. Joubert, P.E.

Lead Assessor's Name Signature: **Date:** 8/14/2019

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 ☐

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 3296

October 21, 2019

Kyle Clawson
LACASSINE RV PARK WATER SYSTEM
5393 Big Lake Road
Lake Charles, LA 70605

Re: Class I Sanitary Survey
LACASSINE RV PARK WATER SYSTEM Public Water System
PWS ID LA2053010
JEFFERSON DAVIS Parish

Dear Mr. Clawson:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 21, 2019 sanitary survey inspection of the public water supply system for LACASSINE RV 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
Steven R. Joubert	OPH-Region V Engineering
Austin Booth	Booth Environmental Services
Kyle Clawson	Lacassine RV Park 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).

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

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	During the survey, it was noted that the map does not reflect the current water system service area. The current Monitoring Plan for the water system needs to be updated. This task can be accomplished by logging into the Monitoring Plan Portal (MPP) at the following link: https://www.ldhh-mpp.org/. The monitoring plan will be returned for the addition of two TCR location. Please consult with LDH on these locations. The "Repeat Sites" worksheet must also be revised. For assistance, please feel free to call me at 1-337-475-3214.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Portions of the distribution system have been valved off from the actively used section. The water quality in the unmanaged portion of the distribution system is not of equal sanitary quality. There is a later intent for the entire distribution system to be realized. Until it is the desire of the water system to operate the entire distribution system area, physical separation must be provided. LDH must be contacted to assist in rejoining the separated portion of the distribution system. Provisions must be made to disinfect and testing the separated portion before reintroducing it to the active distribution system.
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. Please be aware that the cross connection requirement for RV park spaces has changed. RV Park spaces are now required to be equipped with a dual check valve, which is a non-testable device. The water system needs to provide for testing of the existing devices or support conformity with the new lesser standard. Dual checks installed on the water supply system shall comply with ASSE 1024 or CSA B64.6.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	Due to a temporary reduction in the distribution system area, the water system must install two additional TCR sampling points. The monitoring plan will be returned for updating. Please consult with LDH about the location of the additional TCR sampling points.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	From review, the finished water storage facility (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.
FACILITY	CATEGORY	FINDINGS
GR001 - GROUND	Finished Water Storage	The overflow for the ground storage tank does not discharge over a splash plate or drainage inlet structure. The overflow must discharge over a splash plate or drainage inlet structure to prevent erosion around the foundation of the tower that could compromise the structural integrity of the tower. **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 – 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 Engineer

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

Attachments:

Attachment A.1. **Overflow Splash Pad**
Facility ID: **GR001 - GROUND**
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 3636

June 5, 2019

Craig Gautreaux
Lafayette Utilities Water System
P.O. Box 4017-C, Division 7040
Lafayette, LA 70502

Re: Class I Sanitary Survey
Lafayette Utilities Water System
PWS ID LA1055017
LAFAYETTE Parish

Dear Mr. Gautreaux:

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 LAFAYETTE UTILITIES 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
Solomon Angwafo	LDH/OPH Region V Engineering
Ian Bellard	LUS
Hayden K. Keigley	LDH/OPH Region IV Engineering
Keenan Menard	LUS
Kimberly Theriot	LDH/OPH District III 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	The air relief vacuum release valve located on the raw water piping across the canal from Well #5 is unscreened. The relief piping must be covered with a corrosion-resistant, 24 mesh screen. Please affix a non-corrodible, 24 mesh screen on the relief piping to protect against potential entrance of contaminants. **See Attachments #1 & 2**
FACILITY	**CATEGORY**	**FINDINGS**
Management	System Management and Operation	The water system was granted the status of LDH-OPH Approved Chemical Laboratory/Drinking Water in 2005. Since that time, the system has completed multiple treatment changes. The system is required to update and resubmit the Request for Approved Chemical Laboratory/Drinking Water form to reflect these treatment changes. 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 feel free to call this office to discuss the details of this requirement.
FACILITY	**CATEGORY**	**FINDINGS**
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The pre-lube drain lines for wells #1, #2, #3, #4, #5, #8, #19, and #21 have a direct connection into drainage conduit without any air gaps provided. There must be an air gap between the pre-lube line discharge points and the drainage conduit openings to avoid any type of cross connection. Provide an air gap for the pre-lube discharge lines to eliminate any potential contamination of the sources. **See Attachments #3, 4, 5, 6, 7, 8, 9, & 10**
FACILITY	**CATEGORY**	**FINDINGS**
1055017-021 - SOUTH PARK WELL #25 - NORTHWEST WELL	Source	The well is equipped with a tee style fitting with a smooth nosed sampling tap and another hose bib threaded tap being used for washdown at the well site. The hose bib represents a point of interference with the quality of samples taken at the well source. The sample tap for the well must be smooth nosed and supportive of raw water sampling measures only. Eliminate this tee style fitting and install a smooth nosed sampling tap to facilitate the collection of raw

		water samples. **See Attachment #11**
FACILITY	**CATEGORY**	**FINDINGS**
1055017-014 - SWTP WELL #5 - SOUTH SIDE OF PLANT	Source	The well's casing vent is not adequately protected with a screen. Replace the well's casing vent screening with a non-corrodible, 24 mesh screen to prevent the entrance of contaminants. **See Attachment #16**
FACILITY	**CATEGORY**	**FINDINGS**
1055017-017 - SWTP WELL #6 - GREENLEAF DR - SOUTH WELL	Source	The well's casing vent is not adequately protected with a screen. Replace the well's casing vent screening with a non-corrodible, 24 mesh screen to prevent the entrance of contaminants. **See Attachment #17**

Deficiencies

FACILITY	**CATEGORY**	**FINDINGS**
EL003 - BERTRAND DRIVE ELEVATED TOWER #3	Finished Water Storage	From review, the elevated storage tank should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of three to five years is recommended. In addition to exterior cleaning and/or painting, the interior surfaces of the ground storage tank could benefit from an inspection.
FACILITY	**CATEGORY**	**FINDINGS**
EL004 - GULBEAU ROAD ELEVATED TOWER #4	Finished Water Storage	From review, the elevated storage tank should be inspected. Finished water storage facilities are generally maintained and inspected on a routine basis. An inspection period of three to five years is recommended. In addition to exterior cleaning and/or painting, the interior surfaces of the ground storage tank could benefit from an inspection.
FACILITY	**CATEGORY**	**FINDINGS**
GR004 - SWTP GROUND STORAGE TANK #4	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 three to five years is recommended. In addition to exterior cleaning and/or painting, the interior surfaces of the ground storage tank could benefit from an inspection.
FACILITY	**CATEGORY**	**FINDINGS**
EL003 - BERTRAND DRIVE ELEVATED TOWER #3	Finished Water Storage	The elevated tower is equipped with a smooth nosed sampling tap installed on a double-sided connection of a hose bib or other point of use. Finished 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 storage tank sample tap to support sampling only without any undue influences. **See Attachment #21**
FACILITY	**CATEGORY**	**FINDINGS**
EL004 - GULBEAU ROAD ELEVATED TOWER #4	Finished Water Storage	The overflow pipe for the elevated tower is not properly screened. The overflow piping must be screened with a corrosion-resistant, four mesh screen. Install a non-

		corrodible, four mesh screen to provide protection at all times. **See Attachment #22**
FACILITY	**CATEGORY**	**FINDINGS**
UN003 - SWTP CLEARWELL #1 - WEST CLEARWELL	Finished Water Storage	The screens for the vents of the clearwell are severely damaged. All finished groundwater storage facilities must have screened vents with corrosion-resistant, 24 mesh screens at all times. Replace the damaged screens with non-corrodible, 24 mesh screens to provide for continuous protection against potential contamination. **See Attachment #12**
FACILITY	**CATEGORY**	**FINDINGS**
TP001 - NWTP TREATMENT PLANT #1	Treatment	There is a leak in the liquid Aluminum Sulfate feed piping at Treatment Unit #4. Chemical was observed crystalizing on piping. The piping must be changed out to stop the chemical from leaking. Employ additional methods, as needed, to manage leaks and spillage of chemicals. **See Attachment #13 & 14**
FACILITY	**CATEGORY**	**FINDINGS**
1055017-012 - SWTP WELL #3 - WEST SIDE - NORTH WELL	Source	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 pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions. **See Attachment #15**
FACILITY	**CATEGORY**	**FINDINGS**
1055017-013 - SWTP WELL #4 - EAST SIDE - SOUTH WELL	Source	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 pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions. **See Attachment #18**
FACILITY	**CATEGORY**	**FINDINGS**
1055017-010 - SWTP WELL #1 - EAST SIDE - NORTH WELL	Source	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 pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions. **See Attachment #19**
FACILITY	**CATEGORY**	**FINDINGS**
1055017-011 - SWTP WELL #2 - EAST SIDE - SOUTH WELL	Source	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 pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions. **See Attachment #23**

FACILITY	CATEGORY	FINDINGS
1055017-022 - NORTH BOOSTER WELL #26 - NORTH WELL	Source	The exhaust/relief piping for the air release-vacuum relief valve not properly screened. The relief piping must be covered with a corrosion-resistant, 24 mesh screen. Install a screen on the relief piping with a non-corrodible, 24 mesh screen to protect against potential entrance of contaminants. **See Attachment #24**
FACILITY	**CATEGORY**	**FINDINGS**
1055017-003 - NWTP WELL #7 - MUDD AVENUE & W FOCH ST	Source	The exhaust/relief piping for the air release-vacuum relief valve not properly screened. The relief piping must be covered with a corrosion-resistant, 24 mesh screen. Replace the current screening on the relief piping with a non-corrodible, 24 mesh screen to protect against potential entrance of contaminants. **See Attachment #25**
FACILITY	**CATEGORY**	**FINDINGS**
1055017-012 - SWTP WELL #3 - WEST SIDE - NORTH WELL	Source	The exhaust/relief piping for the air release-vacuum relief valve not properly screened. The relief piping must be covered with a corrosion-resistant, 24 mesh screen. Replace the current screening on the relief piping with a non-corrodible, 24 mesh screen to protect against potential entrance of contaminants. **See Attachment #26**
FACILITY	**CATEGORY**	**FINDINGS**
1055017-013 - SWTP WELL #4 - EAST SIDE - SOUTH WELL	Source	The exhaust/relief piping for the air release-vacuum relief valve not properly screened. The relief piping must be covered with a corrosion-resistant, 24 mesh screen. Replace the current screening on the relief piping with a non-corrodible, 24 mesh screen to protect against potential entrance of contaminants. **See Attachment #27**
FACILITY	**CATEGORY**	**FINDINGS**
1055017-014 - SWTP WELL #5 - SOUTH SIDE OF PLANT	Source	The exhaust/relief piping for the air release-vacuum relief valve not properly screened. The relief piping must be covered with a corrosion-resistant, 24 mesh screen. Replace the current screening on the relief piping with a non-corrodible, 24 mesh screen to protect against potential entrance of contaminants. **See Attachment #28**
FACILITY	**CATEGORY**	**FINDINGS**
1055017-001 - NWTP WELL #16 - BRAGG STREET IN PLANT	Source	The exhaust/relief piping for the air release-vacuum relief valve not properly screened. The relief piping must be covered with a corrosion-resistant, 24 mesh screen. Replace the current screening on the relief piping with a non-corrodible, 24 mesh screen to protect against potential entrance of contaminants. **See Attachment #29**
FACILITY	**CATEGORY**	**FINDINGS**
1055017-021 - SOUTH PARK WELL #25 - NORTHWEST WELL	Source	The exhaust/relief piping for the air release-vacuum relief valve not properly screened. The relief piping must be covered with a corrosion-resistant, 24 mesh screen. Replace the current screening on the relief piping with a non-corrodible, 24 mesh screen to protect against potential entrance of contaminants. **See Attachment #30**

FACILITY	CATEGORY	FINDINGS
1055017-020 - NORTH BOOSTER WELL #24 - SOUTH WELL	Source	The exhaust/relief piping for the air release-vacuum relief valve not properly screened. The relief piping must be covered with a corrosion-resistant, 24 mesh screen. Replace the current screening on the relief piping with a non-corrodible, 24 mesh screen to protect against potential entrance of contaminants. **See Attachment #31**
FACILITY	**CATEGORY**	**FINDINGS**
1055017-019 - SOUTH PARK WELL#23 - SOUTHEAST WELL	Source	The exhaust/relief piping for the air release-vacuum relief valve not properly screened. The relief piping must be covered with a corrosion-resistant, 24 mesh screen. Replace the current screening on the relief piping with a non-corrodible, 24 mesh screen to protect against potential entrance of contaminants. **See Attachment #32**
FACILITY	**CATEGORY**	**FINDINGS**
1055017-001 - NWTP WELL #16 - BRAGG STREET IN PLANT	Source	The pre-lube drain line is leaking and has algae growing on it. Clean and fix pre-lube drain line to eliminate any potential contamination of the source. **See Attachment #33**
FACILITY	**CATEGORY**	**FINDINGS**
1055017-006 - NWTP WELL #8 - CLARK FIELD - NORTH WELL	Source	The well's pressure gauge is broken. The well's discharge piping must be equipped with a working pressure gauge. **See Attachment #34**
FACILITY	**CATEGORY**	**FINDINGS**
1055017-004 - NWTP WELL#19 - CLARK FIELD - SOUTH WELL	Source	The well's pressure gauge is broken. The well's discharge piping must be equipped with a working pressure gauge. **See Attachment #35**

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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: WELL #5
Category: Source



Attachment #3
Facility ID: WELL #1
Category: Source



Attachment #4
Facility ID: WELL #2
Category: Source



Attachment #5
Facility ID: WELL #3
Category: Source



Attachment #6
Facility ID: WELL #4
Category: Source



Attachment #7
Facility ID: WELL #5
Category: Source



Attachment #8
Facility ID: WELL #8
Category: Source



Attachment #9
Facility ID: WELL #19
Category: Source



Attachment #10
Facility ID: WELL #21
Category: Source



Attachment #11
Facility ID: WELL #25
Category: Source



Attachment #12
Facility ID: UN003 - SWTP CLEARWELL #1 - WEST CLEARWELL
Category: Finished Water Storage





Attachments #13 & 14
Facility ID: TP001 - NWTP TREATMENT PLANT #1
Category: Treatment



Attachment #15
Facility ID: Well #3
Category: Source



Attachment #16
Facility ID: WELL #5
Category: Source



Attachment #17
Facility ID: WELL #6
Category: Source



Attachment #18
Facility ID: Well #4
Category: Source



Attachment #19
Facility ID: Well #1
Category: Source



Attachment #20
Facility ID: Well #25
Category: Source



Attachment #21
Facility ID: BERTRAND DRIVE ELEVATED TOWER #3
Category: Finished Water Storage



Attachment #22
Facility ID: GULBEAU ROAD ELEVATED TOWER #4
Category: Finished Water Storage



Attachment #23
Facility ID: Well #2
Category: Source



Attachment #24
Facility ID: Well #26
Category: Source



Attachment #25
Facility ID: Well #7
Category: Source



Attachment #26
Facility ID: Well #3
Category: Source



Attachment #27
Facility ID: Well #4
Category: Source



Attachment #28
Facility ID: Well #5
Category: Source



Attachment #29
Facility ID: Well #16
Category: Source



Attachment #30
Facility ID: Well #25
Category: Source



Attachment #31
Facility ID: Well #24
Category: Source



Attachment #32
Facility ID: Well #23
Category: Source



Attachment #33
Facility ID: WELL #16
Category: Source



Attachment #34
Facility ID: WELL #8
Category: Source



Attachment #35
Facility ID: WELL #19
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 0463

September 5, 2019

Brian "Jason" Moresi
Maxie's Campground Water System
P.O. Box 181
Broussard, LA 70518

Re: Class I Sanitary Survey
Maxie's Campground Water System
PWS ID #: LA 1055021
Lafayette Parish

Dear Mr. Moresi:

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 Maxie's Campground 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
Brian "Jason" Moresi	Maxie's Campground 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.

FACILITY	CATEGORY	FINDINGS
1055021-001 Well #1 Northwest Well	Source	There is no documentation on file with LDH stating that this well has been registered with the Deportment of Natural Resources (DNR). Per LAC 56:I.107.C.1, all wells that are used as a groundwater source to supply a public water system must be registered. Please provide this office with the drillers log and the DNR well registration form, which includes the GWR ID for the well.
FACILITY	**CATEGORY**	**FINDINGS**
1055021-002 Well #2 Southeast Well	Source	There is no documentation on file with LDH stating that this well has been registered with the Deportment of Natural Resources (DNR). Per LAC 56:I.107.C.1, all wells that are used as a groundwater source to supply a public water system must be registered. Please provide this office with the drillers log and the DNR well registration form, which includes the GWR ID for 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 – 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
4009401	08/16/2019	Inadequate Minimum Chlorine Residual	08/01/2019 - 08/31/2019
4009400	11/16/2018	System Issued Boil Advisory	

Your 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

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 0319

August 19, 2019

Gayle Davidson
TESI COUNTRY PINES
P.O. Box 14059
Baton Rouge, LA 70898-4059

Re: Class I Sanitary Survey
TESI COUNTRY PINES
PWS ID#: LA1055040
LAFAYETTE 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 COUNTRY PINES. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Hayden K. Keigley	LDH/OPH Region IV Engineering
Cliff Langley	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

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: 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

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,

Dillan Crawford,

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

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

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Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 1450 0000 1658 0074

April 30, 2019

Gayle Davidson
TESI FOX RUN
P.O. Box 14059
Baton Rouge, LA 70898-4059

Re: Class I Sanitary Survey
TESI FOX RUN Public Water System
PWS ID LA1055043
LAFAYETTE 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 April 16, 2019 sanitary survey inspection of the public water supply system for TESI FOX RUN (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Solomon Angwafo	OPH-Region V Engineering
Cliff Langley	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

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: 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

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,

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: 7017 1450 0000 1658 2436

April 4, 2019

Terry Manuel
Parkland Trailer Park Water System
601 Rue Des Etoiles
Carencro, LA 70520

Re: Class I Sanitary Survey
Parkland Trailer Park Water System
PWS ID #: LA 1055048
Lafayette Parish

Dear Mr. Manuel:

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 Parkland Trailer 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
Terry Manuel	Parkland Trailer Park Water System
Vicki Manuel	Parkland Trailer Park 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
1055048-003 Well #2 Northeast Well	Source	There is only one active well being used to provide service to the public water system. At least two sources of groundwater must be provided. Currently, another well has been drilled onsite and the pump has been installed. As discussed during the sanitary survey, the water system plans to have the secondary well online for service by the summer of 2019. The Louisiana Department of Health (LDH) must approve all sources of water and treatment processes. Recent changes to the Louisiana Administrative Code allows continued operation of a community water system with only one source when an annual notice is provided by the public water system to its customers. To achieve compliance, the water system must have the well permitted by LDH and put into service, or the public water system must complete the annual notice requirement. Prior to putting the proposed secondary well into service, please submit plans and specifications sealed, signed and dated by a professional engineer licensed to practice in the State of Louisiana for review and approval by LDH. **(See Attachment A-1)**

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 Hydropneumatic Tank #1	Finished Water Storage	The water sight glass for the hydropneumatic tank is not adequate. A water sight glass must be provided on the hydropneumatic tank. Replace the water sight glass on the hydropneumatic tank to provide for a means of measuring the contents being stored in the tank **(See Attachment A-2)**
FACILITY	**CATEGORY**	**FINDINGS**
1055048-002 Well #1 South Well	Source	The well's discharge piping does not appear to be equipped with a dedicated flow measuring device. 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 operating conditions. Install a pressure gauge upstream of the check valve to detect any changes in operating conditions and a device or monitoring methods used to measure flow from 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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to 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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1901791-001	Routine	2/18/2019		0.95 mg/L	
A1810848-001	Routine	9/20/2018		0.78 mg/L	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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.

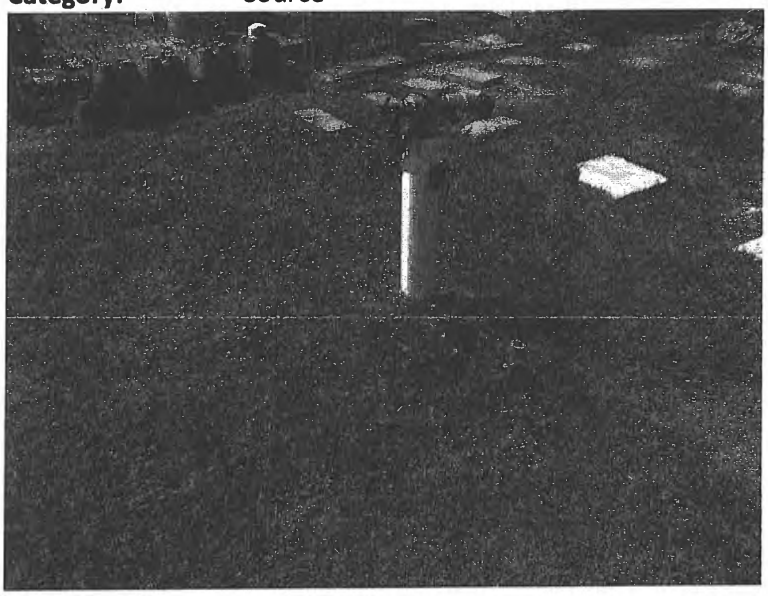
Respectfully,

Hayden K. Keigley, P.E.
Engineer 4

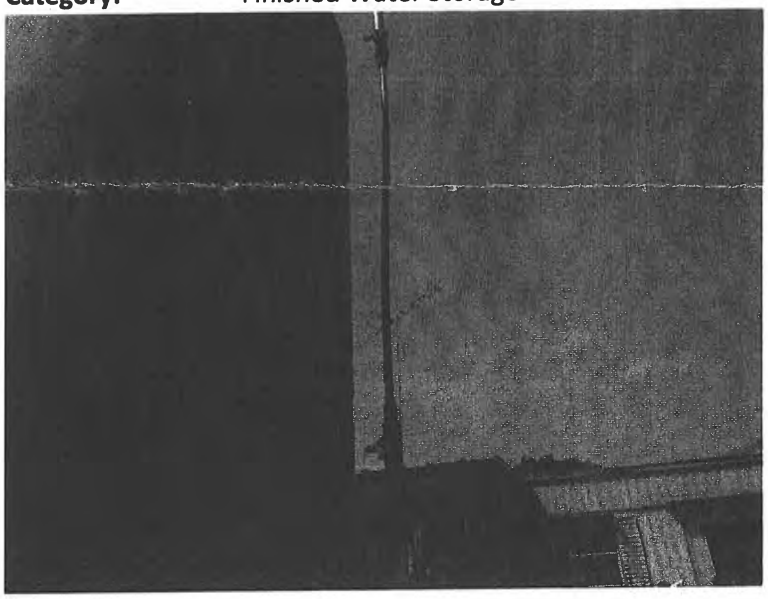
cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Vickie Manuel, Designated Operator, Parkland Trailer Park Water System

Attachments

Attachment A-1: Secondary Well Requires LDH Approval
Facility ID: Well #2 - Northeast Well
Category: Source



Attachment A-2: Site Glass is Inadequate
Facility ID: Hydropneumatic Tank #1
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 5938

April 2, 2019

Ms. Karen Bodin
LAKEVIEW TRAILER PARK WATER SYSTEM
P.O. Box 180
Milton, LA 70558

Re: Level 2 Assessment
- Triggered by 2nd Level 1 in 12 rolling months
LAKEVIEW TRAILER PARK WATER SYSTEM
PWS ID LA1055067
Lafayette 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 April 2, 2019 RTCR Level 2 Assessment of the public water supply system for Gulf Stream Manor 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

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 April 22, 2019. The response is due on or before April 22, 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

NOTICE OF VIOLATIONS

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

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	10/03/2017	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 2 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 LDH's website using the following link: http://www.dhh.louisiana.gov/index.cfm/page/416					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	01/02/2019	Sanitary Survey, Finished	Significant	Other	Management
Comments: The water system is currently not disinfecting the water being produced. Disinfection is mandatory and must be provided for all public water systems. The chemical solution tank and chemical injection pump must be connected, functioning properly and operable at all times to provide for continuous disinfection.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	01/02/2019	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
11/21/2018	01/02/2019	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: 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 0.5 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 office a copy of the next three (3) months of properly recorded, chlorine residual forms.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	01/02/2019	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT

Comments: The sodium hypochlorite tank is exposed to sunlight and environmental conditions. The feed tank shall be located out of the sunlight in a cool area.

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/26/2017	10/03/2017	Site Inspection	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 2 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 LDH's website using the following link: http://www.dhh.louisiana.gov/index.cfm/page/416

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD001-HYDROPNEUMATIC #1

Comments: A threaded hose bibb doubles as the point-of-entry (POE) sample tap for both hydropneumatic (HD) tanks at Lakeview Trailer Park Water System. The faucet or tap utilized for sample collection of the tanks must be of the smooth-nosed type and shall terminate in a downward direction.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD001-HYDROPNEUMATIC #1

Comments: The water sight glass for HD Tank #1 is not fit for use due to corrosive buildup preventing a clear view of water levels. The water system must clean the interior of the sight glass, or replace it, in the near future.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD002-HYDROPNEUMATIC #2

Comments: The water sight glass for HD Tank #2 is not fit for use due to corrosive buildup preventing a clear view of water levels. The water system must clean the interior of the sight glass, or replace it, in the near future.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD002-HYDROPNEUMATIC #2

Comments: The drain pipe for the HD tank is directed through a hole in the fence and cut off in tall grass outside of the fence. Drainage piping must be reduced in length to discharge over the concrete slab inside of the plant yard.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	M&R and Data Verification	Management

Comments: The records for a water system must be kept separate from the records of any other water systems under the supervision of the designated operator.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	System Management and Operation	Management

Comments: The electrical contacts for Well #2 are exposed and displaying signs of corrosion, which presents a safety hazard and leaves the well susceptible to electrical shorting or failure. The water system must enclose contacts and wiring inside a weatherproof junction box to conform to the requirements of the National Electric code or to relevant state and/or local codes.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Source	1055067-001-WELL #1- (PRIMARY) FURTHEST BARN

Comments: Well # 1 is not equipped with a means of measuring pressure or flow. The system must equip the well with a pressure gauge upstream of the well check valve and a flow meter downstream of the check valve.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Source	1055067-002-WELL #2 - (SECONDARY) CLOSEST BARN

Comments: Well # 2 is not equipped with a means of measuring pressure or flow. The system must equip the well with a pressure gauge upstream of the well check valve and a flow meter downstream of the check valve.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Treatment	TP001-TREATMENT

Comments: The labeling for the sodium hypochlorite tank has faded/washed off. The labeling for the chemical tank must be replaced.

Significant Defects (Requiring corrective action and response on or before April 22, 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 check 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
DS0950 - DISTRIBUTION SYSTEM	Distribution System	TCR-002 has a small leak at the base of the spigot. Repair the leak at TCR-002.

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT	Treatment	Based on a discussion with ownership, disinfection was interrupted due to mechanical breakdown. Chlorine was not detected in the repeat monitoring event. Chlorine was also not noted in the distribution system during the Level 2 Assessment visit. Continuous disinfection must be maintained. 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.

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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
547	03/21/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	03/01/2018 - 03/31/2018
545	12/01/2017	CCR ADEQUACY/AVAILABILITY/CONTENT	
544	12/01/2017	CCR REPORT	

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: Lakeview Trailer Park Water System		PWS ID#: 1055067
Contact Name: Karen Bodin		Phone #: 1-337-207-1858
PWS Address: 450 Espasie Drive, Youngsville, LA		E-mail: N/A
Name of Lead Assessor: Steven R. Joubert		Date Completed: 4/1/2019
Level 2 Trigger	*E. coli* Positive: YES ☐NO ☐	If yes, which sample(s) from Section II?
	2nd Level 1: YES X NO ☐	Date of 1st Level 1: May 25, 2018

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

Positive Sample #1:	Sample POC#: TCR-002	Sample POC Name: Lot 3
Sample Date: 3/18/2019	Name of Sample Collector: Kristen Hungerford	
Chlorine Residual: Free X Total ☐ Not Measured ☐		0.14 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-002	Sample POC Name: Lot 3
Sample Date: 3/20/2019	Name of Sample Collector: Kristen Hungerford	
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 #3:	Sample POC#: RPDN	Sample POC Name: Repeat Downstream
Sample Date: 3/20/2019	Name of Sample Collector: Kristen Hungerford	
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 ☐ 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 (3)
Chlorine Residual (mg/L)		POE-001, 0.00 Free	TCR-002, 0.03 free TCR-004, 0.01 free MRT-005, 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 #) A.12.	Corrective Action
During the compliance month of March, work was completed on one of the water wells. Work on water wells should include disinfection procedures and investigative testing.	No action. Bacteriological testing following work supports bacteriological clearance.

Issue Description (list section letter and #) C.1., C.2., C.3., C.5., & D.11	Corrective Action
Based on a discussion with ownership, disinfection was interrupted due to mechanical breakdown. Chlorine was not detected in the repeat monitoring event. Chlorine was also not noted in the distribution system during the Level 2 Assessment visit. Continuous disinfection must be maintained.	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.

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 check 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 or 5*) office a copy of the next three (3) months of properly recorded, chlorine residual forms.

Issue Description (list section letter and #) D.14.	Corrective Action
TCR-002 has a small leak at the base of the spigot.	Repair the leak at TCR-002.

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: SRJ **Date:** 4/2/2019

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: 7017 0530 0000 1957 6102

July 1, 2019

Ms. Karen Bodin
LAKEVIEW TRAILER PARK WATER SYSTEM
P.O. Box 180
Milton, LA 70558

Re: Level 2 Assessment
- Previous Level 2 Trigger on March 22, 2019
LAKEVIEW TRAILER PARK WATER SYSTEM
PWS ID LA1055067
Lafayette 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 June 28, 2019 RTCR Level 2 Assessment of the public water supply system for Gulf Stream Manor 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**
Brent T. Bouy (Field)	OPH-Region IV Engineering
Steven R. Joubert (Report)	OPH-Region V 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 June 14, 2019. The response is due on or before July 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 defects, then the written response must also contain a request with specific dates when the sanitary defects will be corrected.

NOTICE OF VIOLATIONS

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

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
04/01/2019	04/02/2019	Level 2 Assessment rTCR	Significant	M&R and Data Verification	Management

Comments: 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 check 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.

Visit Date	Notify Date	Reason	Severity	Category	Facility
04/01/2019	04/02/2019	Level 2 Assessment rTCR	Minor	Treatment	TP001-TREATMENT

Comments: Based on a discussion with ownership, disinfection was interrupted due to mechanical breakdown. Chlorine was not detected in the repeat monitoring event. Chlorine was also not noted in the distribution system during the Level 2 Assessment visit. Continuous disinfection must be maintained. 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.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	10/03/2017	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 2 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 LDH's website using the following link: http://www.dhh.louisiana.gov/index.cfm/page/416

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	01/02/2019	Sanitary Survey, Finished	Significant	Other	Management

Comments: The water system is currently not disinfecting the water being produced. Disinfection is mandatory and must be provided for all public water systems. The chemical solution tank and chemical injection pump must be connected, functioning properly and operable at all times to provide for continuous disinfection.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	01/02/2019	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management

Comments: 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 0.5 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 office a copy of the next three (3) months of properly recorded, chlorine residual forms.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	01/02/2019	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
11/21/2018	01/02/2019	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT

Comments: The sodium hypochlorite tank is exposed to sunlight and environmental conditions. The feed tank shall be located out of the sunlight in a cool area.

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/26/2017	10/03/2017	Site Inspection	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 2 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 LDH's website using the following link: http://www.dhh.louisiana.gov/index.cfm/page/416

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD001-HYDROPNEUMATIC #1

Comments: The water sight glass for HD Tank #1 is not fit for use due to corrosive buildup preventing a clear view of water levels. The water system must clean the interior of the sight glass, or replace it, in the near future.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD001-HYDROPNEUMATIC #1

Comments: A threaded hose bibb doubles as the point-of-entry (POE) sample tap for both hydropneumatic (HD) tanks at Lakeview Trailer Park Water System. The faucet or tap utilized for sample collection of the tanks must be of the smooth-nosed type and shall terminate in a downward direction.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD002-HYDROPNEUMATIC #2

Comments: The drain pipe for the HD tank is directed through a hole in the fence and cut off in tall grass outside of the fence. Drainage piping must be reduced in length to discharge over the concrete slab inside of the plant yard.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD002-HYDROPNEUMATIC #2

Comments: The water sight glass for HD Tank #2 is not fit for use due to corrosive buildup preventing a clear view of water levels. The water system must clean the interior of the sight glass, or replace it, in the near future.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	M&R and Data Verification	Management
Comments: The records for a water system must be kept separate from the records of any other water systems under the supervision of the designated operator.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	System Management and Operation	Management
Comments: The electrical contacts for Well #2 are exposed and displaying signs of corrosion, which presents a safety hazard and leaves the well susceptible to electrical shorting or failure. The water system must enclose contacts and wiring inside a weatherproof junction box to conform to the requirements of the National Electric code or to relevant state and/or local codes.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Source	1055067-001-WELL #1- (PRIMARY) FURTHEST BARN
Comments: Well # 1 is not equipped with a means of measuring pressure or flow. The system must equip the well with a pressure gauge upstream of the well check valve and a flow meter downstream of the check valve.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Source	1055067-002-WELL #2 - (SECONDARY) CLOSEST BARN
Comments: Well # 2 is not equipped with a means of measuring pressure or flow. The system must equip the well with a pressure gauge upstream of the well check valve and a flow meter downstream of the check valve.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Treatment	TP001-TREATMENT
Comments: The labeling for the sodium hypochlorite tank has faded/washed off. The labeling for the chemical tank must be replaced.					

Significant Defects (Requiring corrective action and response on or before July 14, 2019)

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	MRT-005 under the porch at Lot 25 is a triple-sided connection on a service line. 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. Configure the sampling station to support monitoring only without any undue influences from other points of usage.

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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
547	03/21/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	03/01/2018 - 03/31/2018
545	12/01/2017	CCR ADEQUACY/AVAILABILITY/CONTENT	
544	12/01/2017	CCR REPORT	

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

Attachments:

Attachment A.1. **TCR, Undue Influence**
Facility ID: **DS0950 - DISTRIBUTION SYSTEM**
Category: **Distribution System**



Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: Lakeview Trailer Park Water System		PWS ID#: 1055067
Contact Name: Karen Bodin		Phone #: 1-337-207-1858
PWS Address: 450 Espasie Drive, Youngsville, LA		E-mail: N/A
Name of Lead Assessor: Steven R. Joubert		Date Completed: 6/28/2019
Level 2 Trigger	*E. coli* Positive: YES ☐NO ☐	If yes, which sample(s) from Section II?
	2nd Level 2: YES X NO ☐	Date of 1st Level 2: March 22, 2019

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

Positive Sample #1	Sample POC#: MRT-005	Sample POC Name: Tap on ¾ tie in Lot 25
Sample Date: 3/18/2019	Name of Sample Collector: Kristen Hungerford	
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-004	Sample POC Name: Tap on tie in Lot 33
Sample Date:	Name of Sample Collector: Kristen Hungerford	
Chlorine Residual:	Free X Total ☐ Not Measured ☐	0.04 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: Kristen Hungerford	
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?			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 (3)
Chlorine Residual (mg/L)		POE-001, 0.01 Free	TCR-002, 0.00 free TCR-004, 0.00 free MRT-005, 0.01 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 #) A.12.	Corrective Action
During the compliance month of June, work was completed on one of the water wells. Work on water wells should include disinfection procedures and investigative testing.	Bacteriological testing is needed to support bacteriological clearance of the source.

Issue Description (list section letter and #) C.1., C.2., C.3., C.5., & D.11	Corrective Action
Based on a discussion with ownership, disinfection was interrupted due to mechanical breakdown. Chlorine was not detected in the repeat monitoring event. Chlorine was also not noted in the distribution system during the Level 2 Assessment visit. Continuous disinfection must be maintained.	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.

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 check 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 #) D.14.	Corrective Action
MRT-005 under the porch at Lot 25 is a triple-sided connection on a service line. 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.	**Configure the sampling station to support monitoring only without any undue influences from other points of usage.**

Issue Description (list section letter and #)	Corrective Action

RECEIVED
JUL 1 8 2019
ENGINEERING SERVICES

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: SRJ **Date:** 6/28/2019

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

Department of Health
Office of Public Health

CERTIFIED MAIL: 7017 0530 0000 1957 6119

July 23, 2019

Ms. Karen Bodin
LAKEVIEW TRAILER PARK WATER SYSTEM
P.O. Box 180
Milton, LA 70558

RECEIVED
JUL 29 2019
ENGINEERING SERVICES

Re: Level 2 Assessment
- Previous Level 2 Trigger on June 14, 2019
LAKEVIEW TRAILER PARK WATER SYSTEM
PWS ID LA1055067
Lafayette 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 22, 2019 RTCR Level 2 Assessment of the public water supply system for Gulf Stream Manor 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

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 17, 2019. The response is due on or before August 19, 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.

NOTICE OF VIOLATIONS

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

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
04/01/2019	04/02/2019	Level 2 Assessment rTCR	Significant	M&R and Data Verification	Management

Comments: 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 check 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.

Visit Date	Notify Date	Reason	Severity	Category	Facility
04/01/2019	04/02/2019	Level 2 Assessment rTCR	Significant	Treatment	TP001-TREATMENT

Comments: Based on a discussion with ownership, disinfection was interrupted due to mechanical breakdown. Chlorine was not detected in the repeat monitoring event. Chlorine was also not noted in the distribution system during the Level 2 Assessment visit. Continuous disinfection must be maintained. 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.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	10/03/2017	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 2 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 LDH's website using the following link: http://www.dhh.louisiana.gov/index.cfm/page/416

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	01/02/2019	Sanitary Survey, Finished	Significant	Other	Management

Comments: The water system is currently not disinfecting the water being produced. Disinfection is mandatory and must be provided for all public water systems. The chemical solution tank and chemical injection pump must be connected, functioning properly and operable at all times to provide for continuous disinfection.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	01/02/2019	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management

Comments: 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 0.5 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 office a copy of the next three (3) months of properly recorded, chlorine residual forms.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	01/02/2019	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
11/21/2018	01/02/2019	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT

Comments: The sodium hypochlorite tank is exposed to sunlight and environmental conditions. The feed tank shall be located out of the sunlight in a cool area.

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/26/2017	10/03/2017	Site Inspection	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 2 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 LDH's website using the following link: http://www.dhh.louisiana.gov/index.cfm/page/416

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD001-HYDROPNEUMATIC #1

Comments: The water sight glass for HD Tank #1 is not fit for use due to corrosive buildup preventing a clear view of water levels. The water system must clean the interior of the sight glass, or replace it, in the near future.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD001-HYDROPNEUMATIC #1

Comments: A threaded hose bibb doubles as the point-of-entry (POE) sample tap for both hydropneumatic (HD) tanks at Lakeview Trailer Park Water System. The faucet or tap utilized for sample collection of the tanks must be of the smooth-nosed type and shall terminate in a downward direction.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD002-HYDROPNEUMATIC #2

Comments: The drain pipe for the HD tank is directed through a hole in the fence and cut off in tall grass outside of the fence. Drainage piping must be reduced in length to discharge over the concrete slab inside of the plant yard.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD002-HYDROPNEUMATIC #2

Comments: The water sight glass for HD Tank #2 is not fit for use due to corrosive buildup preventing a clear view of water levels. The water system must clean the interior of the sight glass, or replace it, in the near future.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	M&R and Data Verification	Management
Comments: The records for a water system must be kept separate from the records of any other water systems under the supervision of the designated operator.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	System Management and Operation	Management
Comments: The electrical contacts for Well #2 are exposed and displaying signs of corrosion, which presents a safety hazard and leaves the well susceptible to electrical shorting or failure. The water system must enclose contacts and wiring inside a weatherproof junction box to conform to the requirements of the National Electric code or to relevant state and/or local codes.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Source	1055067-001-WELL #1- (PRIMARY) FURTHEST BARN
Comments: Well # 1 is not equipped with a means of measuring pressure or flow. The system must equip the well with a pressure gauge upstream of the well check valve and a flow meter downstream of the check valve.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Source	1055067-002-WELL #2 - (SECONDARY) CLOSEST BARN
Comments: Well # 2 is not equipped with a means of measuring pressure or flow. The system must equip the well with a pressure gauge upstream of the well check valve and a flow meter downstream of the check valve.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Treatment	TP001-TREATMENT
Comments: The labeling for the sodium hypochlorite tank has faded/washed off. The labeling for the chemical tank must be replaced.					

Significant Defects (Requiring corrective action and response on or before August 19, 2019)

Issue Description (list section letter and #) C.1., C.2., C.3., C.5., & D.11	Corrective Action
Disinfection chemical and equipment are present onsite. Chlorine was not detected in the compliance or repeat monitoring events. Chlorine was also not noted in the distribution system during the Level 2 Assessment visit. Continuous disinfection must be maintained.	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.

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 check 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.

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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
547	03/21/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	03/01/2018 - 03/31/2018
545	12/01/2017	CCR ADEQUACY/AVAILABILITY/CONTENT	
544	12/01/2017	CCR REPORT	

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: Lakeview Trailer Park Water System		PWS ID#: 1055067
Contact Name: Karen Bodin		Phone #: 1-337-207-1858
PWS Address: 450 Espasie Drive, Youngsville, LA		E-mail: N/A
Name of Lead Assessor: Steven R. Joubert		Date Completed: 7/22/2019
Level 2 Trigger	*E. coli* Positive: YES ☐NO ☐	If yes, which sample(s) from Section II?
	3rd Level 2: YES X NO ☐	Date of 2nd Level 2: June 28, 2019

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

Positive Sample #1:	Sample POC#: TCR-002	Sample POC Name: Tap on ¾ tie in Lot 3
Sample Date: 7/9/2019	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: E of TCR-002, Canal
Sample Date: 7/17/2019	Name of Sample Collector: Lynette Abshire	
Chlorine Residual: Free X Total ☐ Not Measured ☐		0.08 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#: TCR-002	Sample POC Name: Tap on ¾ tie in Lot 3
Sample Date: 7/17/2019	Name of Sample Collector: Kristen Hungerford	
Chlorine Residual: Free X Total ☐ Not Measured ☐		0.04 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 (2)
Chlorine Residual (mg/L)		POE-001, 0.02 Free	TCR-002, 0.00 free TCR-004, 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.2., C.3., C.5., & D.11	Corrective Action
Disinfection chemical and equipment are present onsite. Chlorine was not detected in the compliance or repeat monitoring events. Chlorine was also not noted in the distribution system during the Level 2 Assessment visit. Continuous disinfection must be maintained.	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.

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 check 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 #)	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: SRJ **Date:** 7/23/2019

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: 7018 1830 0000 4149 3258

August 30, 2019

Ms. Karen Bodin
LAKEVIEW TRAILER PARK WATER SYSTEM
P.O. Box 180
Milton, LA 70558

Re: Level 2 Assessment
- Previous Level 2 Trigger on July 22, 2019
LAKEVIEW TRAILER PARK WATER SYSTEM
PWS ID LA1055067
Lafayette 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 August 29, 2019 RTCR Level 2 Assessment of the public water supply system for Lakeview Trailer Park 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 (report)	OPH-Region V Engineering
Karen Bodin	Lakeview Trailer Park
Kristen Hungerford (field investigation)	OPH-Region IV Engineering
Kimberly Theriot (field investigation)	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 August 28, 2019. The response is due on or before September 27, 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

NOTICE OF VIOLATIONS

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

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
04/01/2019	04/02/2019	Level 2 Assessment rTCR	Significant	M&R and Data Verification	Management

Comments: 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 check 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.

Visit Date	Notify Date	Reason	Severity	Category	Facility
04/01/2019	04/02/2019	Level 2 Assessment rTCR	Significant	Treatment	TP001-TREATMENT

Comments: Based on a discussion with ownership, disinfection was interrupted due to mechanical breakdown. Chlorine was not detected in the repeat monitoring event. Chlorine was also not noted in the distribution system during the Level 2 Assessment visit. Continuous disinfection must be maintained. 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.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	10/03/2017	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 2 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 LDH's website using the following link: http://www.dhh.louisiana.gov/index.cfm/page/416

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	01/02/2019	Sanitary Survey, Finished	Significant	Other	Management

Comments: The water system is currently not disinfecting the water being produced. Disinfection is mandatory and must be provided for all public water systems. The chemical solution tank and chemical injection pump must be connected, functioning properly and operable at all times to provide for continuous disinfection.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	01/02/2019	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management

Comments: 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 0.5 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 office a copy of the next three (3) months of properly recorded, chlorine residual forms.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	01/02/2019	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
11/21/2018	01/02/2019	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT

Comments: The sodium hypochlorite tank is exposed to sunlight and environmental conditions. The feed tank shall be located out of the sunlight in a cool area.

Visit Date	Notify Date	Reason	Severity	Category	Facility
09/26/2017	10/03/2017	Site Inspection	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 2 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 LDH's website using the following link: http://www.dhh.louisiana.gov/index.cfm/page/416

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD001-HYDROPNEUMATIC #1

Comments: The water sight glass for HD Tank #1 is not fit for use due to corrosive buildup preventing a clear view of water levels. The water system must clean the interior of the sight glass, or replace it, in the near future.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD001-HYDROPNEUMATIC #1

Comments: A threaded hose bibb doubles as the point-of-entry (POE) sample tap for both hydropneumatic (HD) tanks at Lakeview Trailer Park Water System. The faucet or tap utilized for sample collection of the tanks must be of the smooth-nosed type and shall terminate in a downward direction.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD002-HYDROPNEUMATIC #2

Comments: The drain pipe for the HD tank is directed through a hole in the fence and cut off in tall grass outside of the fence. Drainage piping must be reduced in length to discharge over the concrete slab inside of the plant yard.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD002-HYDROPNEUMATIC #2

Comments: The water sight glass for HD Tank #2 is not fit for use due to corrosive buildup preventing a clear view of water levels. The water system must clean the interior of the sight glass, or replace it, in the near future.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	M&R and Data Verification	Management

Comments: The records for a water system must be kept separate from the records of any other water systems under the supervision of the designated operator.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	System Management and Operation	Management

Comments: The electrical contacts for Well #2 are exposed and displaying signs of corrosion, which presents a safety hazard and leaves the well susceptible to electrical shorting or failure. The water system must enclose contacts and wiring inside a weatherproof junction box to conform to the requirements of the National Electric code or to relevant state and/or local codes.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Source	1055067-001-WELL #1- (PRIMARY) FURTHEST BARN

Comments: Well # 1 is not equipped with a means of measuring pressure or flow. The system must equip the well with a pressure gauge upstream of the well check valve and a flow meter downstream of the check valve.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Source	1055067-002-WELL #2 - (SECONDARY) CLOSEST BARN

Comments: Well # 2 is not equipped with a means of measuring pressure or flow. The system must equip the well with a pressure gauge upstream of the well check valve and a flow meter downstream of the check valve.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Treatment	TP001-TREATMENT

Comments: The labeling for the sodium hypochlorite tank has faded/washed off. The labeling for the chemical tank must be replaced.

Significant Defects (Requiring corrective action and response on or before September 27, 2019)

Issue Description (list section letter and #) C.5 & D.11	Corrective Action
Disinfection chemical and equipment are present onsite. Chlorine was not detected in the compliance or repeat monitoring events. Chlorine was also not noted in the distribution system during the Level 2 Assessment visit. Continuous disinfection must be maintained.	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.

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 check 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.5	Corrective Action
There are chemical containers onsite that do not reflect chemicals that are NSF approved for use in potable 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.	Provide and confirm that the chemical being used for disinfection is AWWA or NSF approved and labeled appropriately.

Issue Description (list section letter and #) D.11 & D.14	Corrective Action
There is a pipe open to the environment with only the means of a valve to mark separation from the finished water headed to the distribution system. The pipe is serving as a point of entry location and currently allows for potential contamination.	The piping needs to be modified to allow for an approved smooth nosed sampling tap for monitoring at the POE and to eliminate the potential for contamination.

Issue Description (list section letter and #) E.4	Corrective Action
The water sight glass for the tank is broken allowing for potential contamination and making it impossible to ascertain water to air ratio that can effect water quality.	The water sight glass needs to be repair to support the water to air ratio and eliminated the source of contamination.

The following compliance history is provided for your information

Bacteriological Sampling History

Positive bacteriological sampling history for the past year

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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
547	03/21/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	03/01/2018 - 03/31/2018
545	12/01/2017	CCR ADEQUACY/AVAILABILITY/CONTENT	
544	12/01/2017	CCR REPORT	

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: Lakeview Trailer Park Water System		PWS ID#: 1055067
Contact Name: Karen Bodin		Phone #: 1-337-207-1858
PWS Address: 450 Espasie Drive, Youngsville, LA		E-mail: N/A
Name of Lead Assessor: Steven R. Joubert		Date Completed: 8/29/2019
Level 2 Trigger	*E. coli* Positive: YES **X** NO ☐	If yes, which sample(s) from Section II? 1, 3, & 4
	4th Level 2: YES X NO ☐	Date of 3rd Level 2: July 22, 2019

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

Positive Sample #1	Sample POC#: TCR-006	Sample POC Name: Tap on ¾ tie in Lot 51
Sample Date: 8/27/2019	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: South of TCR-006
Sample Date: 8/28/2019	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#: RPUP	Sample POC Name: NW of TCR-006
Sample Date: 8/28/2019	Name of Sample Collector: Kristen Hungerford	
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 #4:	Sample POC#: TCR-006	Sample POC Name: Tap on ¾ tie in Lot 51
Sample Date: 8/28/2019	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 ☐

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 (2)
Chlorine Residual (mg/L)		POE-001, 0.0 Free	TCR-006, 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.5 & D.11	Corrective Action
Disinfection chemical and equipment are present onsite. Chlorine was not detected in the compliance or repeat monitoring events. Chlorine was also not noted in the distribution system during the Level 2 Assessment visit. Continuous disinfection must be maintained.	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.

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 check 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.5	Corrective Action
There are chemical containers onsite that do not reflect chemicals that are NSF approved for use in potable 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.	Provide and confirm that the chemical being used for disinfection is AWWA or NSF approved and labeled appropriately.

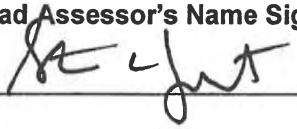
Issue Description (list section letter and #) D.11 & D.14	Corrective Action
There is a pipe open to the environment with only the means of a valve to mark separation from the finished water headed to the distribution system. The pipe is serving as a point of entry location and currently allows for potential contamination.	**The piping needs to be modified to allow for an approved smooth nosed sampling tap for monitoring at the POE and to eliminate the potential for contamination.**

Issue Description (list section letter and #) E.4	Corrective Action
The water sight glass for the tank is broken allowing for potential contamination and making it impossible to ascertain water to air ratio that can effect water quality.	**The water sight glass needs to be repair to support the water to air ratio and eliminated the source of contamination.**

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: 8/30/2019

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

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 3326

October 31, 2019

Ms. Karen Bodin
LAKEVIEW TRAILER PARK WATER SYSTEM
P.O. Box 180
Milton, LA 70558

Re: Level 2 Assessment
- Previous Level 2 Trigger on August 28, 2019
LAKEVIEW TRAILER PARK WATER SYSTEM
PWS ID LA1055067
Lafayette 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 October 29, 2019 RTCR Level 2 Assessment of the public water supply system for Lakeview Trailer Park 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 (report)	OPH-Region V Engineering
Karen Bodin	Lakeview Trailer Park
Brent Bouy (field investigation)	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 October 26, 2019. The response is due on or before November 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.

NOTICE OF VIOLATIONS

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

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

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/29/2019	08/30/2019	Level 2 Assessment rTCR	Significant	Finished Water Storage	HD002-HYDROPNEUMATIC #2
Comments: The water sight glass for the tank is broken allowing for potential contamination and making it impossible to ascertain water to air ratio that can effect water quality. The water sight glass needs to be repair to support the water to air ratio and eliminated the source of contamination.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
08/29/2019	08/30/2019	Level 2 Assessment rTCR	Significant	Treatment	TP001-TREATMENT
Comments: There are chemical containers onsite that do not reflect chemicals that are NSF approved for use in potable 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. Provide that the chemical being used for disinfection is AWWA or NSF approved and labeled appropriately.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
07/22/2019	04/02/2019	Level 2 Assessment rTCR	Significant	M&R and Data Verification	Management
Comments: 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 check 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.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/22/2019	10/03/2017	Level 2 Assessment rTCR	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 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
07/22/2019	01/02/2019	Level 2 Assessment rTCR	Significant	Other	Management

Comments: The water system is currently not disinfecting the water being produced. Disinfection is mandatory and must be provided for all public water systems. The chemical solution tank and chemical injection pump must be connected, functioning properly and operable at all times to provide for continuous disinfection.

Visit Date	Notify Date	Reason	Severity	Category	Facility
07/22/2019	04/02/2019	Level 2 Assessment rTCR	Significant	Treatment	TP001-TREATMENT

Comments: Based on a discussion with ownership, disinfection was interrupted due to mechanical breakdown. Chlorine was not detected in the repeat monitoring event. Chlorine was also not noted in the distribution system during the Level 2 Assessment visit. Continuous disinfection must be maintained. 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.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/28/2019	04/02/2019	Level 2 Assessment rTCR	Significant	M&R and Data Verification	Management

Comments: 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 check 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.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/28/2019	10/03/2017	Level 2 Assessment rTCR	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 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
06/28/2019	01/02/2019	Level 2 Assessment rTCR	Significant	Other	Management

Comments: The water system is currently not disinfecting the water being produced. Disinfection is mandatory and must be provided for all public water systems. The chemical solution tank and chemical injection pump must be connected, functioning properly and operable at all times to provide for continuous disinfection.

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/28/2019	04/02/2019	Level 2 Assessment rTCR	Significant	Treatment	TP001-TREATMENT

Comments: Based on a discussion with ownership, disinfection was interrupted due to mechanical breakdown. Chlorine was not detected in the repeat monitoring event. Chlorine was also not noted in the distribution system during the Level 2 Assessment visit. Continuous disinfection must be maintained. 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.

Visit Date	Notify Date	Reason	Severity	Category	Facility
04/01/2019	04/02/2019	Level 2 Assessment rTCR	Significant	M&R and Data Verification	Management

Comments: 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 check 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.

Visit Date	Notify Date	Reason	Severity	Category	Facility
04/01/2019	04/02/2019	Level 2 Assessment rTCR	Significant	Treatment	TP001-TREATMENT

Comments: Based on a discussion with ownership, disinfection was interrupted due to mechanical breakdown. Chlorine was not detected in the repeat monitoring event. Chlorine was also not noted in the distribution system during the Level 2 Assessment visit. Continuous disinfection must be maintained. 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.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	10/03/2017	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 2 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 LDH's website using the following link: http://www.dhh.louisiana.gov/index.cfm/page/416

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	01/02/2019	Sanitary Survey, Finished	Significant	Other	Management

Comments: The water system is currently not disinfecting the water being produced. Disinfection is mandatory and must be provided for all public water systems. The chemical solution tank and chemical injection pump must be connected, functioning properly and operable at all times to provide for continuous disinfection.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	01/02/2019	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management

Comments: 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 0.5 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 office a copy of the next three (3) months of properly recorded, chlorine residual forms.

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/21/2018	01/02/2019	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
11/21/2018	01/02/2019	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT
Comments: The sodium hypochlorite tank is exposed to sunlight and environmental conditions. The feed tank shall be located out of the sunlight in a cool area.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
09/26/2017	10/03/2017	Site Inspection	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 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
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD001-HYDROPNEUMATIC #1
Comments: The water sight glass for HD Tank #1 is not fit for use due to corrosive buildup preventing a clear view of water levels. The water system must clean the interior of the sight glass, or replace it, in the near future.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD001-HYDROPNEUMATIC #1
Comments: A threaded hose bibb doubles as the point-of-entry (POE) sample tap for both hydropneumatic (HD) tanks at Lakeview Trailer Park Water System. The faucet or tap utilized for sample collection of the tanks must be of the smooth-nosed type and shall terminate in a downward direction.					

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD002-HYDROPNEUMATIC #2
Comments: The drain pipe for the HD tank is directed through a hole in the fence and cut off in tall grass outside of the fence. Drainage piping must be reduced in length to discharge over the concrete slab inside of the plant yard.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Finished Water Storage	HD002-HYDROPNEUMATIC #2
Comments: The water sight glass for HD Tank #2 is not fit for use due to corrosive buildup preventing a clear view of water levels. The water system must clean the interior of the sight glass, or replace it, in the near future.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	M&R and Data Verification	Management
Comments: The records for a water system must be kept separate from the records of any other water systems under the supervision of the designated operator.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	System Management and Operation	Management
Comments: The electrical contacts for Well #2 are exposed and displaying signs of corrosion, which presents a safety hazard and leaves the well susceptible to electrical shorting or failure. The water system must enclose contacts and wiring inside a weatherproof junction box to conform to the requirements of the National Electric code or to relevant state and/or local codes.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Source	1055067-001-WELL #1- (PRIMARY) FURTHEST BARN
Comments: Well # 1 is not equipped with a means of measuring pressure or flow. The system must equip the well with a pressure gauge upstream of the well check valve and a flow meter downstream of the check valve.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Source	1055067-002-WELL #2 - (SECONDARY) CLOSEST BARN

Comments: Well # 2 is not equipped with a means of measuring pressure or flow. The system must equip the well with a pressure gauge upstream of the well check valve and a flow meter downstream of the check valve.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2016	06/17/2016	Formal Enforcement	Minor	Treatment	TP001-TREATMENT
Comments: The labeling for the sodium hypochlorite tank has faded/washed off. The labeling for the chemical tank must be replaced.					

Significant Defects (Requiring corrective action and response on or before November 25, 2019)

Issue Description (list section letter and #) C.5 & D.11	Corrective Action
Disinfection chemical and equipment are present onsite. Chlorine was not detected in the compliance or repeat monitoring events. Chlorine was also not noted in the distribution system during the Level 2 Assessment visit. Continuous disinfection must be maintained.	**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.**

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 check 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.5	Corrective Action
There are chemical containers onsite that do not reflect chemicals that are NSF approved for use in potable 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.	Provide and confirm that the chemical being used for disinfection is AWWA or NSF approved and labeled appropriately.

Issue Description (list section letter and #) D.11 & D.14	Corrective Action
MRT-005 under the porch at Lot 25 is a triple-sided connection on a service line. 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. See Attachment A.1.	Configure the sampling station to support monitoring only without any undue influences from other points of usage.

Issue Description (list section letter and #) E.4	Corrective Action
The water sight glass for the tank is broken allowing for potential contamination and making it impossible to ascertain water to air ratio that can effect water quality.	The water sight glass needs to be repair to support the water to air ratio and eliminated the source of contamination.

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
A1911028-003	Repeat	10/25/2019		0.000	0.000
A1911028-001	Repeat	10/25/2019		0.000	0.000
A1910611-001	Routine	10/24/2019		0.000	0.000

A1908807-003	Repeat	8/28/2019	Notification of E.coli Positive Water Specimen Called To:;Lynette Abshire 8-29-19 at 0900 by T.Hopper	0.000	0.020
A1908807-002	Repeat	8/28/2019	Notification of E.coli Positive Water Specimen Called To:;Lynette Abshire 8-29-19 at 0900 by T.Hopper	0.030	0.030
A1908807-005		8/28/2019		0.000	0.000
A1908807-001	Repeat	8/28/2019		0.000	0.030
A1908722-001	Routine	8/27/2019		0.000	0.090
A1907135-001	Repeat	7/17/2019	Additional Comments:;These are replacement samples. Instructed to wait until after Tropical Storm Barry to take replacement samples per Jennifer Kihlken.	0.080	
A1907135-002	Repeat	7/17/2019	Additional Comments:;These are replacement samples. Instructed to wait until after Tropical Storm Barry to take replacement samples per Jennifer Kihlken.	0.040	
A1906360-001	Routine	7/9/2019		0.000	0.000
A1906079-004		6/12/2019		0.000	0.000
A1906079-002	Repeat	6/12/2019		0.040	0.000
A1905398-001	Routine	6/10/2019		0.020	0.020
A1904269-001	Routine	5/22/2019		0.010	0.030
A1902913-002	Repeat	3/20/2019		0.000	0.000
A1902913-001	Repeat	3/20/2019		0.000	0.000
A1902091-001	Routine	3/18/2019		0.140	0.120

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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
4007763	10/29/2019	LEVEL 2 ASSESSMENT, 2ND LEVEL 1(RTCR)	10/01/2019 - 10/31/2019
4007762	10/25/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	10/01/2019 - 10/31/2019
4007761	09/18/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	09/01/2019 - 09/30/2019
4007759	08/28/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	08/01/2019 - 08/31/2019
4007755	08/26/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
4007756	08/26/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
4007757	08/26/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
4007758	08/26/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
4007753	08/09/2019	CORRECTIVE/EXPEDITED ACTIONS (RTCR)	
4007751	07/15/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	07/01/2019 - 07/31/2019
4007748	06/11/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	05/01/2019 - 05/31/2019
4007749	06/11/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	06/01/2019 - 06/30/2019
4007745	04/25/2019	CORRECTIVE/EXPEDITED ACTIONS (RTCR)	
4007746	04/25/2019	CORRECTIVE/EXPEDITED ACTIONS (RTCR)	
4007747	04/25/2019	CORRECTIVE/EXPEDITED ACTIONS (RTCR)	
4007743	04/04/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	04/01/2019 - 04/30/2019
4007742	04/03/2019	FAILURE ADDRESS DEFICIENCY (GWR)	
4007741	04/02/2019	CCR REPORT	
4007740	03/22/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	03/01/2019 - 03/31/2019

4007739	02/19/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
4007738	02/05/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	02/01/2019 - 02/28/2019
4007737	01/08/2019	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	01/01/2019 - 01/31/2019
4007736	12/18/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	12/01/2018 - 12/31/2018
4007735	12/03/2018	5% DS BELOW MIN 0.5-2 MONTHS CONSEC(GW)	11/01/2018 - 11/30/2018

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

Attachments:

Attachment A.1. **TCR, Undue Influence**
Facility ID: **DS0950 - DISTRIBUTION SYSTEM**
Category: **Distribution System**



Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: Lakeview Trailer Park Water System		PWS ID#: 1055067
Contact Name: Karen Bodin		Phone #: 1-337-207-1858
PWS Address: 450 Espasie Drive, Youngsville, LA		E-mail: N/A
Name of Lead Assessor: Steven R. Joubert		Date Completed: 10/29/2019
Level 2 Trigger	*E. coli* Positive: YES ☐ NO X	If yes, which sample(s) from Section II?
	5th Level 2: YES X NO ☐	Date of 4th Level 2: August 29, 2019

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

Positive Sample #1:	Sample POC#: MRT-005	Sample POC Name: Tap on ¾ tie in Lot 25
Sample Date: 10/24/2019	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#: MRT-005	Sample POC Name: Tap on ¾ tie in Lot 25
Sample Date: 10/25/2019	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#: RPUP	Sample POC Name: Faucet near tan MH
Sample Date: 10/25/2019	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 #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 (2)
Chlorine Residual (mg/L)		POE-001, 0.0 Free	MRT-005, 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.5 & D.11	Corrective Action
Disinfection chemical and equipment are present onsite. Chlorine was not detected in the compliance or repeat monitoring events. Chlorine was also not noted in the distribution system during the Level 2 Assessment visit. Continuous disinfection must be maintained.	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.

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 check 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.5	Corrective Action
There are chemical containers onsite that do not reflect chemicals that are NSF approved for use in potable 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.	Provide and confirm that the chemical being used for disinfection is AWWA or NSF approved and labeled appropriately.

Issue Description (list section letter and #) D.11 & D.14	Corrective Action
MRT-005 under the porch at Lot 25 is a triple-sided connection on a service line. 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.	**Configure the sampling station to support monitoring only without any undue influences from other points of usage.**

Issue Description (list section letter and #) E.4	Corrective Action
The water sight glass for the tank is broken allowing for potential contamination and making it impossible to ascertain water to air ratio that can effect water quality.	**The water sight glass needs to be repair to support the water to air ratio and eliminated the source of contamination.**

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:** 10/31/2019

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: 7017 1450 0000 1658 0197

June 11, 2019

Michael Hyatt
BELLE PLACE TRAILER PARK WATER SYSTEM
PO Box 681
Sulphur, LA 70665

Re: Class I Sanitary Survey
BELLE PLACE TRAILER PARK WATER SYSTEM Public Water System
PWS ID LA1055082
LAFAYETTE Parish

Dear Mr. Hyatt:

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 BELLE PLACE TRAILER 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
Dillan Crawford	LDH/OPH Region IV Engineering
John Wayne Vincent	Star 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
07/31/2017	08/19/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: All chemical analysis records for the water system must be kept on file for not less than ten (10) years. During the sanitary survey, complete chemical records for Stage 2 Disinfection Byproducts (HAA5's and TTHM's) and Lead & Copper sampling were not available for review. Please provide the necessary documentation to support that the water system is keeping all current chemical analysis records on file. Furthermore, records of microbiological analyses shall be kept on file and retained for not less than five (5) years. During the sanitary survey, some of the water system bacteriological lab reports were not available for review. All such records shall be made available for review upon request by the state health officer.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
07/31/2017	08/19/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: 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 shall be filed in a folder identifying the public water system by name as well as public water system identification number(PWS ID #) and shall be made available for review upon request by the state health officer.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
07/31/2017	08/19/2017	Sanitary Survey, Finished	Minor	Treatment	TP002-WELL #2 & #3 TREATMENT
Comments: The chemical feed tank is not labeled. The chemical feed tank must be labeled with the name of the chemical being injected. Please submit photographic documentation of completed modifications to the feed tank.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 - WELL #1 HYDROPNEUMATIC TANK	Finished Water Storage	The tank has a portion that is cracked and leaking. The location also has some flaky paint. This area on the storage tank must be repaired to prevent any possible contaminating of water within the tank or integrity of the tank.structure. ***(See Attachment A.1)***

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 - WELL #1 HYDROPNEUMATIC TANK	Finished Water Storage	The water sight glass for the hydropneumatic tank is not capable of supporting an indicator between air and water. A clear water sight glass must be provided on the hydropneumatic tank. Replace the water sight glass on the hydropneumatic tank to provide for a means of measuring the contents being stored in the tank. ***(See Attachment A.2)***
FACILITY	**CATEGORY**	**FINDINGS**
HD002 - WELL #2 AND WELL #3 HYDRONEUMATIC TANK	Finished Water Storage	The water sight glass for the hydropneumatic tank is not equipped with a water sight a glass. A clear water sight glass must be provided on the hydropneumatic tank. Replace the water sight glass on the hydropneumatic tank to provide for a means of measuring the contents being stored in the tank. ***(See Attachment A.3)***
FACILITY	**CATEGORY**	**FINDINGS**
TP002 - WELL #2 & #3 TREATMENT	Treatment	The chemical feed 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 A.4)***
FACILITY	**CATEGORY**	**FINDINGS**
TP001 - WELL #1 TREATMENT	Treatment	The chlorine 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 A.5)***
FACILITY	**CATEGORY**	**FINDINGS**
1055082-002 - WELL #2 - WEST	Source	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 pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions. ***(See Attachment A.6)***
FACILITY	**CATEGORY**	**FINDINGS**
1055082-003 - WELL #3 - EAST	Source	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 pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions. ***(See Attachment A.7)***
FACILITY	**CATEGORY**	**FINDINGS**
1055082-001 - 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 screening to prevent the entrance of contaminants. ***(See Attachment A.8)***

FACILITY	CATEGORY	FINDINGS
1055082-001 - WELL #1	Source	There is currently no pressure gauge installed on the discharge piping of the well. A pressure gauge must be installed on the discharge piping upstream of the check valve as a means to measure the actual operating head conditions. Install a pressure gauge on the well discharge piping to detect any changes in operating conditions. ***(See Attachment A.9)***

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

Violation Number	Violation Date	Analyte	Compliance Period
4003005	11/05/2018	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
4003006	03/07/2019	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 337-262-5746.

Respectfully,

Dillan Crawford,

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

Attachment A.1 Hydropneumatic Tank rust and crack needs to be repaired

Category: **Storage**

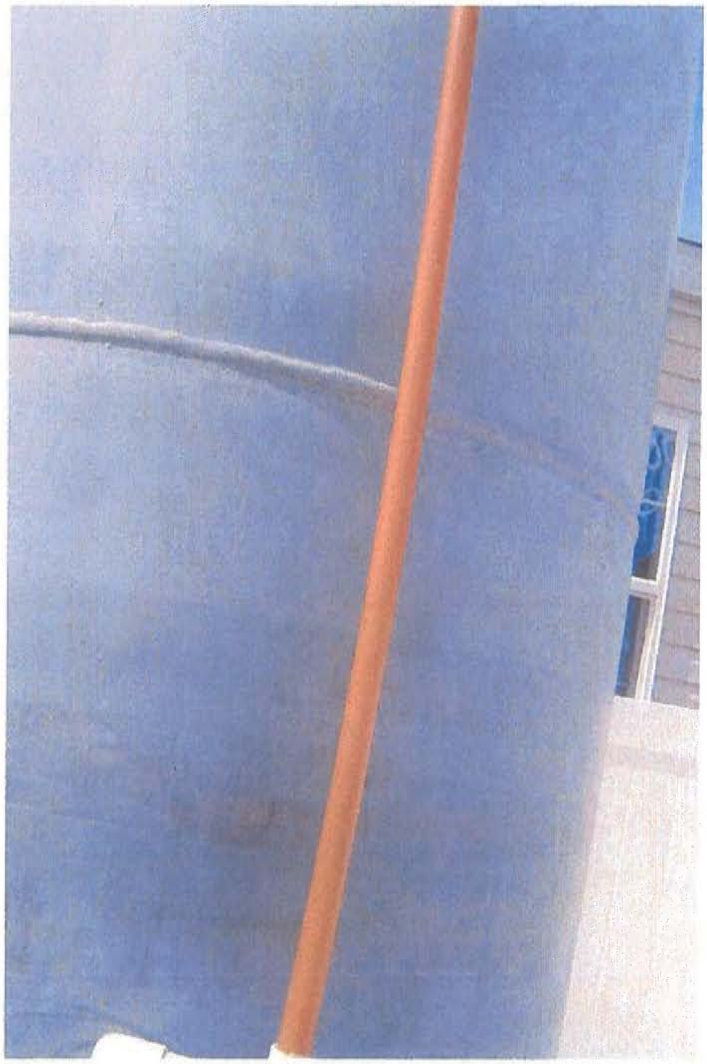
Facility Id: HD001



Attachment A.2 – Hydropneumatic Tank sight glass doesn't work

Category: **Storage**

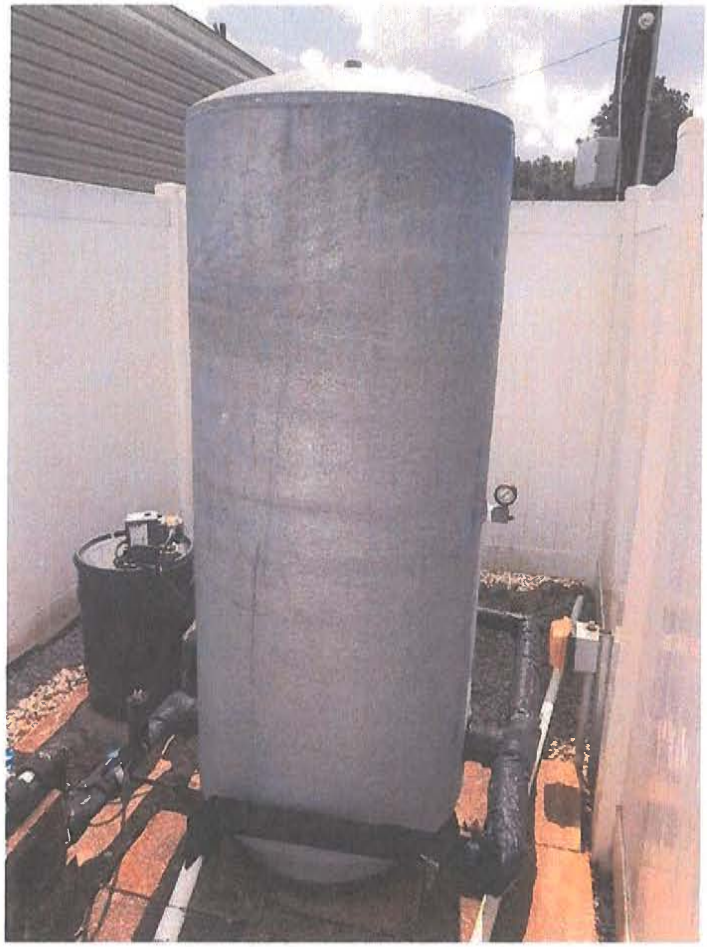
Facility Id: HD001



Attachment A.3 – Hydropneumatic Tank doesn't have sight glass

Category: **Storage**

Facility Id: HD002



Attachment A.4 – Chemical Feed Tank not covered and not labeled

Category: **Treatment**

Facility Id: TP002



Attachment A.5 –Chemical Feed Tank not covered

Category: **Treatment**

Facility Id: TP001



Attachment A.6 – Well #2 Pressure gauge is currently installed downstream of the check valve.

Category: **Source**

Facility Id: 1055082-002



Attachment A.7 – Well #3 Pressure gauge is currently installed downstream of the check valve.

Category: **Source**

Facility Id: 1055082-002



Attachment A.8 –Well #1 no mesh coverings on air vents

Category: **Source**

Facility Id: 1055082-001



Attachment A.9 –There is currently no pressure gauge installed on the discharge piping of the well

Category: **Source**

Facility Id: 1055082-001 There is currently no pressure gauge installed on the discharge piping 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: 7017 1450 0000 1658 0296

August 19, 2019

Gayle Davidson
TESI CARENCRO VILLAGE
P.O. Box 14059
Baton Rouge, LA 70898-4059

Re: Class I Sanitary Survey
TESI CARENCRO VILLAGE
PWS ID#: LA1055088
LAFAYETTE 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 CARENCRO VILLAGE. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Hayden K. Keigley	LDH/OPH Region IV Engineering
Cliff Langley	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

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: 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

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,

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 3375

July 2, 2019

John Pomier
Belleville Subdivision Water System
1307 South Fieldspan Road
Duson, LA 70529

Re: Class I Sanitary Survey
Belleville Subdivision Water System Public Water System
PWS ID LA1055094
Lafayette Parish

Dear Mr. Pomier:

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 BELLEVILLE 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
Josh Pomier	Acadiana Water And Sewer, 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
03/07/2018	03/08/2018	Sanitary Survey, Finished	Significant	M&R and Data Verification	Management

Comments: The current Monitoring Plan for the water system needs to be updated. Public water systems must have an up-to-date Monitoring Plan that includes all required routine compliance samples to be collected for the monitoring period. Every sampling site must have the correct address, coordinates and description of the location. Update and resubmit the water systems Monitoring Plan to LDH for review and approval. The Monitoring Plan for the public water system can be found on LDHs Monitoring Portal website at the following link: https://www.ldhh-mpp.org/

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/07/2018	03/08/2018	Sanitary Survey, Finished	Minor	Distribution System	DS0950-DISTRIBUTION SYSTEM

Comments: There are currently two (2) unapproved taps within the distribution system being used for chemical and bacteriological sampling. Sample taps used for collecting samples must be the smooth nozzle type. Replace the threaded taps with approved smooth nozzle sample taps to decrease the possibility of submitting samples that test positive for coliform, which would result in a violation and public notification by the water system.

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/07/2018	03/08/2018	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 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. Start measuring the residuals 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 at 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.

Visit Date	Notify Date	Reason	Severity	Category	Facility
03/07/2018	03/08/2018	Sanitary Survey, Finished	Minor	Source	1055094-001-WELL #1

Comments: There is currently no pressure gauge or pressure gauge installed on the discharge piping of the well. A pressure gauge must be installed upstream of the check valve and an acceptable means of measuring the flow from the source must be provided for the well. Install a pressure gauge to detect

any changes in the operating head conditions and provide a means for measuring the flow for the well.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Security	There is no protective fencing around the well and water treatment area. A fence, capable of being locked, must be constructed around all aspects of the public water supply. The fence shall be resistant to climbing and at least 6 feet high. **See Attachment #1**
FACILITY	**CATEGORY**	**FINDINGS**
1055094-001 - 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. Eliminate any voids in the casing seal to prevent 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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to 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) site needs to be relocated for proper sampling. The tap is currently located on the south Hydropneumatic Tank. 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. **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 – 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
4009838	06/11/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2019 - 06/30/2019
4009835	02/19/2019	PUBLIC NOTICE RULE LINKED TO VIOLATION	
4009834	08/13/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2018 - 08/31/2018
4009830	07/05/2018	FAILURE ADDRESS DEFICIENCY (GWR)	
4009831	07/05/2018	FAILURE ADDRESS DEFICIENCY (GWR)	
4009832	07/05/2018	FAILURE ADDRESS DEFICIENCY (GWR)	
4009833	07/05/2018	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 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

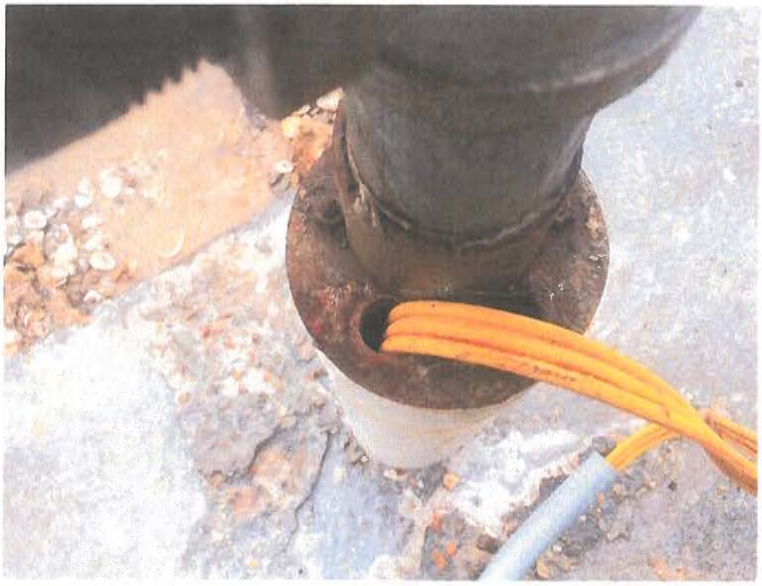
State of Louisiana

Department of Health
Office of Public Health

Attachments



Attachment #1
Category: Security



Attachment #2
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 2504

August 6, 2019

Gayle Davidson
TESI Jackson Square Water System
P.O. Box 14059
Baton Rouge, LA 70898-4059

Re: Class I Sanitary Survey
TESI Jackson Square Water System
PWS ID#: LA 1055101
Lafayette 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 July 29, 2019 sanitary survey inspection of the public water supply system for TESI Jackson Square 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
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
1055101-001 Well #1	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 have the potential to 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:

LDII/OPII 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
126	09/21/2018	Inadequate Minimum Chlorine Residual	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) 262-5634.

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 Jackson Square 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 0326

August 19, 2019

Gayle Davidson
TESI GRANDE STAKES
P.O. Box 14059
Baton Rouge, LA 70898-4059

Re: Class I Sanitary Survey
TESI GRANDE STAKES
PWS ID#: LA1055116
LAFAYETTE 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 GRANDE STAKES. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Hayden K. Keigley	Ldh/Oph Region Iv Engineering
Cliff Langley	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

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: 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

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,

Dillan Crawford,

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

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"

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 3612

May 30, 2019

Yvonne Tripp
Cajun Mobile Home Park Water System
P.O. Box 52388
Lafayette, LA 70505

Re: Class I Sanitary Survey
Cajun Mobile Home Park Water System
PWS ID LA1055121
Lafayette Parish

Dear Mrs Tripp:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the May 1, 2019 sanitary survey inspection of the public water supply system for CAJUN 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**
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

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
1055121-004 - WELL #4 NORTH	Source	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 pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions. **See Attachment #2**
FACILITY	**CATEGORY**	**FINDINGS**
1055121-003 - WELL #3 SOUTH	Source	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 pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions. Also, 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	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 smooth nosed sample tap will be placed on the common pipe before leaving the treatment plant in order to sample the water from all three hydropneumatic tanks. 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. **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.
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: TREATMENT PLANT
Category: Treatment



Attachment #2
Facility ID: WELL #4 NORTH
Category: Source



Attachment #3
Facility ID: WELL #3 SOUTH
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 0340

September 23, 2019

Luke Billiot
YOUNGS COMMUNITY LLC. WATER SYSTEM
1309 Pennsylvania Street
South Houston, TX 77587

Re: Class I Sanitary Survey
YOUNGS COMMUNITY LLC. WATER SYSTEM
PWS ID #: LA1055123
LAFAYETTE Parish

Dear Mr. Billiot:

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 YOUNGS COMMUNITY LLC. 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
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

Visit Date	Notify Date	Reason	Severity	Category	Facility
12/11/2017	12/15/2017	Sanitary Survey, Finished	Minor	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: During the survey, water system customers were observed with hose connections to TCR taps. It is recommended that the water system install separate smooth taps to prevent this occurrence and decrease the chance of coliform-positive sample results.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
12/11/2017	12/15/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	HD001-PRESSURE TANK
Comments: From review, the hydropneumatic tank should be inspected, cleaned, and repainted. 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 hydropneumatic tank's interior or exterior conditions. In addition to cleaning and repainting of the exterior, the interior surfaces of the hydropneumatic tank could benefit from an inspection.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
12/11/2017	12/15/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	HD001-PRESSURE TANK
Comments: The water sight glass for the hydropneumatic tank is clouded by corrosive buildup which prevents a clear view of water levels. The water system must clean the interior of the sight glass, or replace it, in the near future.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
12/11/2017	12/15/2017	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, chemical and bacteriological sampling test reports 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 Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT	Treatment	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.

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

Violation Number	Violation Date	Analyte	Compliance Period
4005024	11/05/2018	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 No.	Violation Date	Violation Type	Compliance Period
4005029	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 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: 7017 1450 0000 1658 0272

August 5, 2019

Gayle Davidson
TESI COUNTRY LANE
P.O. Box 14059
Baton Rouge, LA 70898-4059

Re: Class I Sanitary Survey
TESI COUNTRY LANE
PWS ID#: LA1055124
LAFAYETTE 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 July 24, 2019 sanitary survey inspection of the public water supply system for TESI COUNTRY LANE. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Cliff Langley	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
1055124-002 - WELL #2	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. **(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 – 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

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,

Dillan Crawford,

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

Attachments



Attachment #1
Facility ID: 1055124-002 - WELL #2
Category: Source
Reason: No secondary 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 0425

August 6, 2019

Gayle Davidson
TESI Southfield Square Water System
P.O. Box 14059
Baton Rouge, LA 70898-4059

Re: Class I Sanitary Survey
TESI Southfield Square Water System
PWS ID#: LA 1055128
Lafayette 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 July 29, 2019 sanitary survey inspection of the public water supply system for TESI Southfield Square 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
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
1055128-001 Well #1 West Well	Source	The well has been physically disconnected and is currently inactive. Per LAC 51:XII.331.A, wells and well holes must 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**
1055128-002 Well #2 East Well	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 have the potential to 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
4003320	10/25/2018	Inadequate Minimum Chlorine Residual	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) 262-5634.

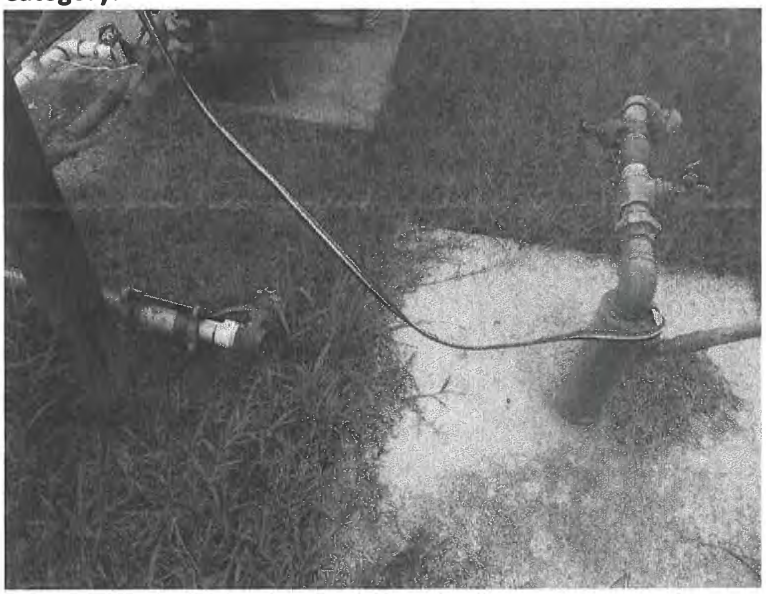
Respectfully,

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 Jackson Square Water System

Attachments

Attachment A-1: Inactive Well Must be Plugged and Abandoned
Facility ID: Well #1 – West 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: 7018 1830 0000 4149 2749

April 23, 2019

John Dominique
KINGS COURT MHP WATER SYSTEM
P. O. Box 2159
Lafayette, LA 70502

Re: Class I Sanitary Survey
KINGS COURT MHP WATER SYSTEM Public Water System
PWS ID LA1055132
LAFAYETTE Parish

Dear Mr. Dominique:

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 KINGS COURT 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
Solomon Angwafo	OPH-Region V Engineering
Dillan Crawford	OPH Region IV Engineering
Clayton Dargin	Kings Court Mobile Home Park
Steffan Savoy	Howell 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	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
1055132-001 - WELL #1	Source	There is only one (1) active source being used to provide service to the public water system. At least two (2) groundwater sources must be provided. Recent changes to the Louisiana Administrative Code allows for continuous operation of a community water system with one source when an annual notice is provided to the water system customers. To achieve compliance, the water system must construct an approved source or complete the annual notice requirement. All water sources and treatment processes must be approved by Louisiana Department of Health before construction of a secondary source. Please contact LDH for questions related to public notification in lieu of construction.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT	Treatment	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 manufacturer on the chemical feed tank.
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT	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.1***
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT	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.

FACILITY	CATEGORY	FINDINGS
1055132-001 - WELL #1	Source	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 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.

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT	Treatment	The point of entry (POE) sample tap is located on the treatment plant's plumbing and must be relocated for proper sampling. The tap must be located after all treatment processes and storage tank on a common pipe headed to the distribution system prior to the first customer. The new POE tap must be of the smooth nosed type designed for sampling only. 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. OPH Region 5 engineering staff can be reached by phone @ 337-475-3232 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 – 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

Violation #	Date	Analyte	Compliance Period
4010801	12/10/2018	CHLORINE	11/01/2018 - 11/30/2018
4010800	12/10/2018	REVISED TOTAL COLIFORM RULE (RTCR)	11/01/2018 - 11/30/2018

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 #	Violation Date	Violation Type	Compliance Period
4010804	01/04/2019	LEAD CONSUMER NOTICE (LCR)	01/01/2016 - 12/31/2018
4010803	12/11/2018	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	12/01/2018 - 12/31/2018
4010799	08/02/2018	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 337-475-3232.

Respectfully,

Solomon Angwafo, E.I.
Engineer Intern

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

Attachment A.1 **TP for Well #1 – Chemical application pump for sodium hypochlorite below the chemical level line within feed tank**

Facility ID: Treatment Plant

Category: **Treatment**



Other Concerns

i) Label needed for tank

ii) Tank need protection from direct sunlight

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 0241

July 9, 2019

John Pomier
MARKRIDGE PARK SUBDIVISION WATER SYSTEM
1307 South Fieldspan Road
Duson, LA 70529

Re: Class I Sanitary Survey
MARKRIDGE PARK SUBDIVISION WATER SYSTEM Public Water System
PWS ID LA1055137
LAFAYETTE Parish

Dear Mr. Pomier:

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 MARKRIDGE PARK 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.

Par es Present

Name	Organization
Dillan Crawford	LDH/OPH Region IV Engineering
Brent Bouy	LDH/OPH Region IV Engineering
Josh Pomier	Acadiana Water And Sewer, Inc.

NO ICE OF VIOLATIONS

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

The following list 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
10/04/2017	10/06/2017	Sanitary Survey, Finished	Minor	Distribution System	DS0950-DISTRIBUTION SYSTEM

Comments: There are no suitable taps in the distribution system for sample collection. Currently, samples are being collected from faucets connect to residential plumbing. 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). This includes the distance above grass or weeds. Contact R4 LDH Engineering Services if any assistance is needed. This deficiency has been cited on a past survey in December 2014.

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/04/2017	10/06/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	HD001-HYDROPNEUMATIC #1

Comments: The tank is not equipped with a water site glass. A water site glass must be provided. This deficiency has been previously cited on past surveys dating back to March 2011.

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/04/2017	10/06/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	HD002-HYDROPNEUMATIC #2

Comments: The tank is not equipped with a water site glass. A water site glass must be provided. This deficiency has been previously cited on past surveys dating back to March 2011.

Visit Date	Notify Date	Reason	Severity	Category	Facility
10/04/2017	10/06/2017	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
10/04/2017	10/06/2017	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 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 0.5mg/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 signed and dated "LDH Approved Chlorine Residual Forms", which can be found at: http://new.dhh.louisiana.gov/index.cfm/page/1725. Please email kyle.champagne@la.gov with copies of the chlorine residuals reports from the previous 3 months.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
10/04/2017	10/06/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: The total coliform monitoring plan has not been submitted and approved. A total coliform monitoring plan must be submitted and approved. The water systems monitoring plan has been returned to add in descriptions of the sampling points. Please add descriptions to the sample locations on the MPP and submit the plan when you are complete. Contact R4 LDH Engineering Services for assistance.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
10/04/2017	10/06/2017	Sanitary Survey, Finished	Minor	Source	1055137-001-WELL #1
Comments: The well is not equipped with a means of measuring flow. A means of measuring flow must be provided. This deficiency has been previously cited on past surveys dating back to March 2011.					
Visit Date	**Notify Date**	**Reason**	**Severity**	**Category**	**Facility**
10/04/2017	10/06/2017	Sanitary Survey, Finished	Minor	Source	1055137-002-WELL #2
Comments: The well is not equipped with a means of measuring flow. A means of measuring flow must be provided. This deficiency has been previously cited on past surveys dating back to March 2011.					

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	Treatment	The point of entry (POE) sample tap must be relocated for proper sampling. The tap 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. OPH Region 4 engineering staff can be reached by phone @ 337-262-5746 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: 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
A1812336-001	Routine	10/30/2018		0.840	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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
124	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 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: 7017 1450 0000 1658 1248

June 4, 2019

Joel Artenstein
Garden Heights Subdivision Water System
814 South Washington Street
Lafayette, LA 70501

Re: Class I Sanitary Survey
Garden Heights Subdivision Water System
PWS ID #: LA 1055138
Lafayette Parish

Dear Mr. Artenstein:

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 Garden Heights 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
Hayden K. Keigley	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

No unresolved observations were recorded in this category.

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1055138-001 Well #1 East Well	Source	The electrical wiring for the submersible pump entering the casing seal creates a void. The well's casing must be completely sealed to provide for sanitary protection of the source at all times. The well is not equipped with a casing vent. The well must be equipped with a casing vent with a minimum diameter of 1 inch installed at a minimum height of 12 inches above the grade or concrete slab cover terminating in a downward position and must be covered with a non-corrodible, 24 mesh screen. Eliminate any voids in the casing seal and install an appropriately screened casing vent to prevent potential bacteriological contamination of the well **(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.

FACILITY	CATEGORY	FINDINGS
1055138-001 Well #2 West Well	Source	All wells that are used as a ground water source to provide service to a public water system must be registered. There is no documentation on file with LDH stating that this well has been registered with the Deportment of Natural Resources (DNR). Please provide this office with the drillers log and the DNR well registration form which includes the GWR ID for the well.
FACILITY	**CATEGORY**	**FINDINGS**
1055138-001 Well #1 East Well	Source	All wells that are used as a ground water source to provide service to a public water system must be registered. There is no documentation on file with LDH stating that this well has been registered with the Deportment of Natural Resources (DNR). Please provide this office with the drillers log and the DNR well registration form which includes the GWR ID for 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 – 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
Jeremy Latiolais Designated Operator, Clearstream Services, Inc.

Attachments

Attachment A-1: Voids in Casing Seal
Facility ID: 1055138-001 - Well #1 - East 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: 7017 1450 1658 0302

August 19, 2019

Gayle Davidson
TESI OSSUN HEIGHTS
P.O. Box 14059
Baton Rouge, LA 70898-4059

Re: Class I Sanitary Survey
TESI OSSUN HEIGHTS
PWS ID#: LA1055140
LAFAYETTE 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 OSSUN HEIGHTS. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Hayden K. Keigley	LDH/OPH Region IV Engineering
Cliff Langley	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

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: 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

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,

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: 7017 1450 0000 1658 0258

July 29, 2019

Gayle Davidson
TESI COACH HOUSE MANOR
P.O. Box 14059
Baton Rouge, LA 70898-4059

Re: Class I Sanitary Survey
TESI COACH HOUSE MANOR
PWS ID#: LA1055144
LAFAYETTE 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 July 24, 2019 sanitary survey inspection of the public water supply system for TESI COACH HOUSE MANOR. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Cliff Langley	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

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: 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

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,

Dillan Crawford,

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

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"

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 2856

March 6, 2019

Gayle Davidson
TESI Lexington Heights Subdivision Water System
P.O. Box 14059
Baton Rouge, LA 70898-4059

Re: Class I Sanitary Survey
TESI Lexington Heights Subdivision Water System
PWS ID #: LA 1055147
Lafayette 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 February 20, 2019 sanitary survey inspection of the public water supply system for TESI Lexington Heights 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
Hayden K. Keigley	LDH/OPH Region 4 Engineering
Nevin Holloway	Total Environmental Solutions, Inc.
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

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/13/2013	06/14/2013	Sanitary Survey, Finished	Minor	Source	1055147-001 Well #1
Comments: At least 2 sources of ground water must be provided. There is presently only one active source. All sources of Water must meet all regulations and must first be approved by the LA Department of Health and Hospitals-Office of Public Health-Region 4 Engineering Section.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1055147-001 Well #1	Source	The wiring entering the casing seal creates a void. The void space in the casing seal provides for the possible entrance of foreign substances that could lead to bacteriological contamination. Eliminate any voids in the casing seal to prevent bacteriological contamination. The well does not appear to be equipped with a sanitary seal. A sanitary seal of the appropriate size must be provided to prevent the entrance of contamination into the well casing and discharge piping. **(See Attachment A-2)**
FACILITY	**CATEGORY**	**FINDINGS**
1055147-001 Well #1	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. 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 is capable of meeting the demand. All sources of water must be approved by LDH.

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 Hydropneumatic 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 three to five years is recommended. 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
TP001 Treatment Plant	Treatment	There is no secondary containment provided for the chemicals being used for water treatment. Secondary containment must be provided for all liquid chemical storage tanks to prevent uncontrolled discharge from accidental spillage, failure of the primary containment system or equipment failure. Provide a means of secondary containment with sufficient volumes for the zinc orthophosphate and polyphosphate chemical storage tanks.
FACILITY	**CATEGORY**	**FINDINGS**
1055147-001 Well #1	Source	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 pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions. **(See Attachment A-3)**
FACILITY	**CATEGORY**	**FINDINGS**
1055147-001 Well #1	Source	The well's outer casing is showing signs of heavy rusting, corrosion, and flaking paint. The well's outer casing must be maintained to avoid further corrosion, deterioration and/or potential structural failure. Clean, treat and paint the well's outer casing to prevent potential sources of contamination. **(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.

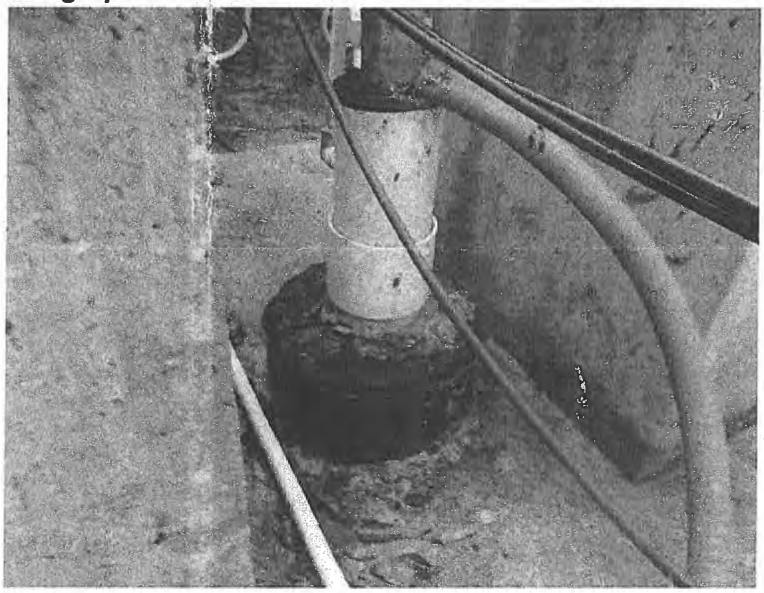
Respectfully,

Hayden K. Keigley, P.E.
Engineer 4

cc: Amanda Ames, P.E., Chief Engineer, LDH/OPH Engineering
Lawrence Messmer, Total Environmental Solutions, Inc.
Cliff Langley, Total Environmental Solutions, Inc.

Attachments

Attachment A-1: Outer Casing Needs Maintenance
Facility ID: Well #1
Category: Source



Attachment A-2: Void Space in Casing Seal
Facility ID: Well #1
Category: Source



Attachment A-3: Pressure Gauge Installed Upstream of Check Valve
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 0166

April 30, 2019

Gayle Davidson
TESI TREWHILL
P.O. Box 14059
Baton Rouge, LA 70898-4059

Re: Class I Sanitary Survey
TESI TREWHILL Public Water System
PWS ID LA1055148
LAFAYETTE 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 April 16, 2019 sanitary survey inspection of the public water supply system for TESI TREWHILL (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Solomon Angwafo	OPH Region V Engineering
Cliff Langley	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

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: 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

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,

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"

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 0203

June 12, 2019

Dianne Hoffman
WEST GATE TRAILER PARK WATER SYSTEM
100 Rue Iberville, Ste 200
Lafayette, LA 70508

Re: Class I Sanitary Survey
WEST GATE TRAILER PARK WATER SYSTEM Public Water System
PWS ID LA1055149
LAFAYETTE Parish

Dear Ms. Hoffman:

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 WEST GATE TRAILER 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
Dillan Crawford	LDH/OPH Region IV Engineering
John Wayne Vincent	Star 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	Other	The slab supporting the required finished water storage tank is compromised with less than desirable repairs invoked. The slab supporting the tank must be removed and properly replaced to provide for a structural sound foundation for the storage tank. ***(See Attachment A.1)***

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT	Treatment	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 manufacturer on the chemical feed tank. ***(See Attachment A.2)***
FACILITY	**CATEGORY**	**FINDINGS**
TP001 - TREATMENT	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 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.

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
4008906	06/07/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	06/01/2019 - 06/30/2019
4008904	09/18/2018	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

Attachments:

Attachment A.1 **Foundation for Storage Tank**

Category: **Management**

Facility Id: **OTHER**



Attachment A.2 **Chemical Feed Tanks not properly labeled and not covered**

Category: **Treatment**

Facility Id: **TP001**



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 3467

October 8, 2019

Fred Arsement
LPWD South
P.O. Box 700
Maurice, LA 70555

Re: Class I Sanitary Survey
LPWD South
PWS ID #: LA1055156
Lafayette Parish

Dear Mr. Arsement:

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 LPWD 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
Brent Bouy	LDH/OPH Region IV Engineering
Arlene Choate	LPWD South
Ryan Cormier	LPWD South

NOTICE OF VIOLATIONS

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

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

New Water System

During the survey, it was discovered that one small area that is owned, operated, and maintained by LPWD South water system is not directly connected to the larger system. The population of the area exceeds 25 people. The area will need to become its own water system complying with all state and federal drinking water laws and regulations.

Some of the actions that the new water system will need to comply with are:

1. Monthly Bacteriological sampling
2. Lead and Copper Rule
3. Stage 2 Disinfection Byproducts Rule
4. Chlorine Residual readings at the POE, ACR and MRT sites
5. Consumer Confidence Reports
6. Water Complaints Log
7. Create 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

Creating a new water system can be avoided, if:

1. The water system that LPWD South is purchasing water from agrees to own, operate, and maintain the area in question.
2. A physical connection between the LPWD South and the area in question is established.

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

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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1903064-004	Routine	4/10/2019		1.520	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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

CERTIFIED MAIL: 7017 1450 0000 1658 0418

August 6, 2019

Gayle Davidson
TESI Beau Parterre Water System
P.O. Box 14059
Baton Rouge, LA 70898-4059

Re: Class I Sanitary Survey
TESI Beau Parterre Water System
PWS ID#: LA 1055164
Lafayette 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 July 29, 2019 sanitary survey inspection of the public water supply system for TESI Beau Parterre 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/O 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

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
Lawrence Messmer, Designated Operator, Total Environmental Solutions, Inc.
Cliff Langley, Operator, TESI Jackson Square Water System

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 2770

April 26, 2019

Gayle Davidson
TESI WINDY MEADOWS
P.O. Box 14059
Baton Rouge, LA 70898-4059

Re: Class I Sanitary Survey
TESI WINDY MEADOWS Public Water System
PWS ID LA1055169
LAFAYETTE 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 April 16, 2019 sanitary survey inspection of the public water supply system for TESI WINDY 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
Dillan Crawford	OPH Region IV Engineering
Solomon Angwafo	OPH Region V Engineering
Cliff Langley	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
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).
FACILITY	CATEGORY	FINDINGS
1055169-001 - WELL #1 - WEST	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 and terminating in a down turned position to prevent the entrance of contaminants. ***(see attachment A.1)***

Deficiencies

FACILITY	CATEGORY	FINDINGS
1055169-001 - WELL #1 - WEST	Source	1) 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 pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions. ***(see attachment A.2)*** 2) The well is equipped with a flowmeter whose screen is clogged. The flow meter must be maintained.
FACILITY	CATEGORY	FINDINGS
1055169-002 - WELL #2 - EAST	Source	1) 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 pressure gauge on the well discharge piping upstream of the check valve to detect any changes in operating conditions. ***(see attachment A.3)*** 2) The well is equipped with a flowmeter whose screen is clogged. The flow meter must be 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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to 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

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,

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 **Well #1 West – Casing Vent not properly oriented**
Facility ID: 1055169-001
Category: Source



Casing Vent not properly oriented

Attachment A.2 **Well #1 West – Pressure gauge required upstream of check valve.**
Facility ID: 1055169-001
Category: Source



Pressure gauge maybe added here

Attachment A.3 **Well #2 East – Pressure gauge required upstream of check valve.**
Facility ID: 1055169-002
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 4657

March 20, 2019

Bill Neef
LPWD North Production Facility
307 Rue Scholastique
Lafayette, LA 70507

Re: Class I Sanitary Survey
LPWD North Production Facility Public Water System
PWS ID LA1055171
Lafayette Parish

Dear Mr. Neef:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 8, 2019 sanitary survey inspection of the public water supply system for LPWD North Production Facility (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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 Engineering Services
Dillan Crawford	LDH/OPH Engineering Services
Mary Dwyer	LPDWN
Greg Richard	LPDWN

NOTICE OF VIOLATIONS

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

The following list 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 opted to use software for maintaining records related to the Cross Connection Control Program (CCCP). Please demonstrate that the water system has the ability to do the following: 1. Provide a list of all customers that require a testable backflow prevention device. 2. Provide a list of all customers that did not test their device in the last two years 3. Describe what action was done by the water system to get customers back in compliance.

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR001 - GROUND STORAGE TANK	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 #4 and #5**
FACILITY	CATEGORY	FINDINGS
1055171-004 - WELL #4	Source	The concrete slab has a crack that has penetrated the full depth at the base of the vertical turbine support. The vertical turbine and shaft must be adequately supported to prevent physical damage. The concrete slab needs to be repaired and able to support the equipment from future subsidence. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1055171-001 - WELL #1	Source	The well's discharge piping discharges into a storm drain pipe that does not have a proper air gap. An air gap of 2 times the diameter of the pipe is required to protect against the possibility of contamination. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1055171-002 - WELL #2	Source	The well's discharge piping discharges into a storm drain pipe that does not have a proper air gap. An air gap of 2 times the diameter of the pipe is required to protect against the possibility of contamination. **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
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 - 150 lb. gas cylinders to guarantee 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 – 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.
Engineer V

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

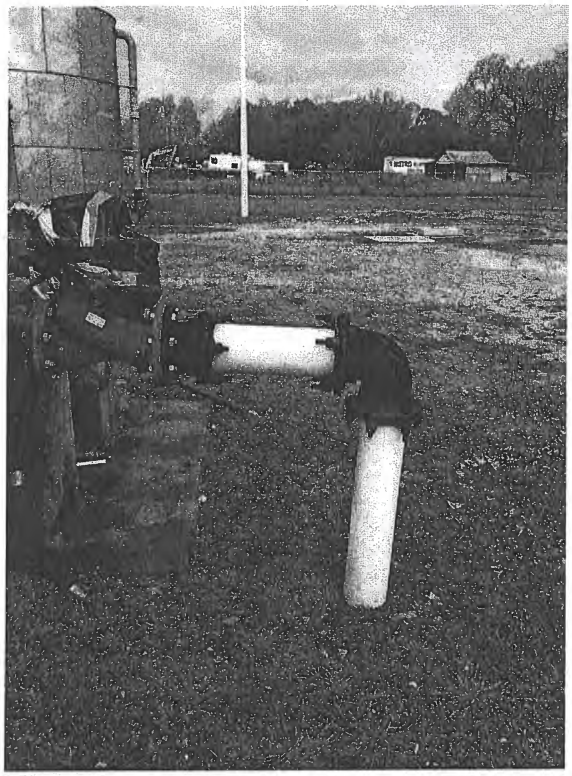
John Bel Edwards
GOVERNOR

Attachments

Rebekah E. Gee MD, MPH
SECRETARY

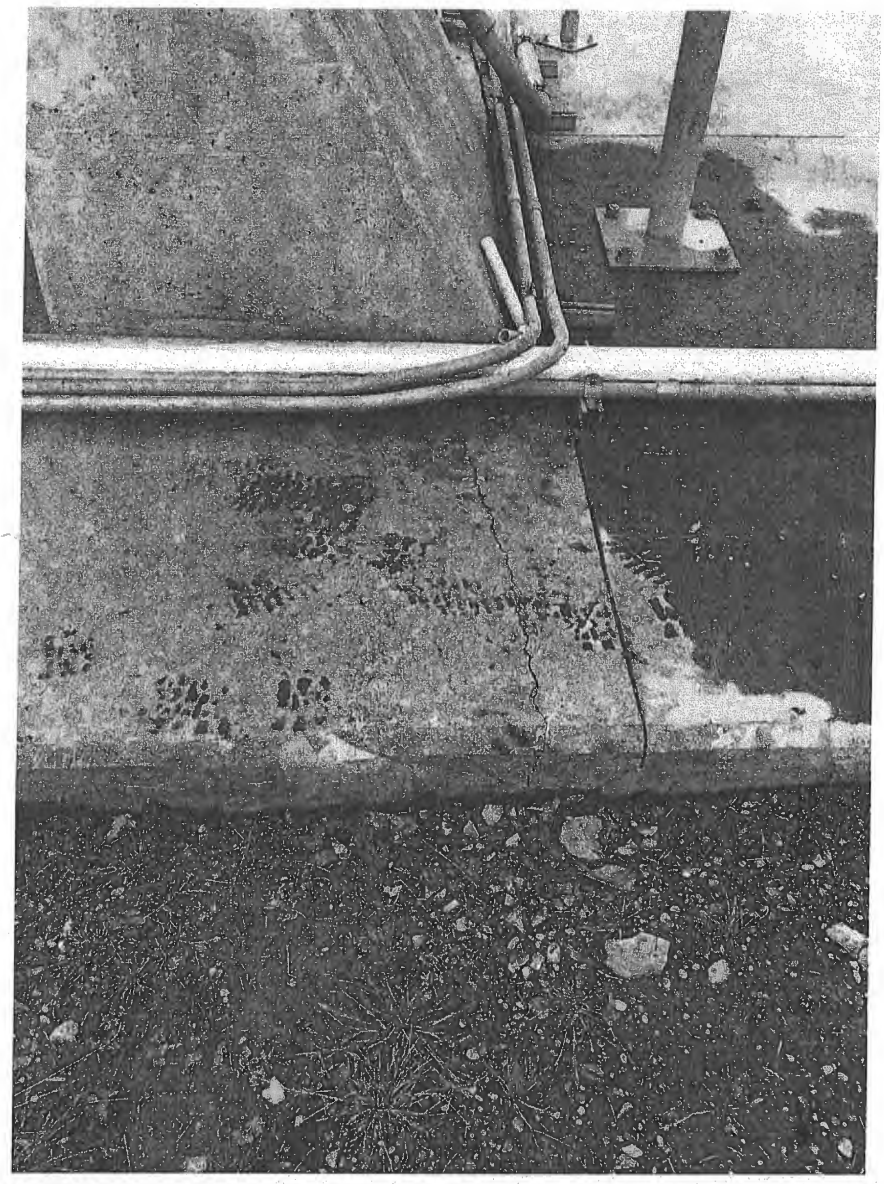
State of Louisiana

Department of Health
Office of Public Health

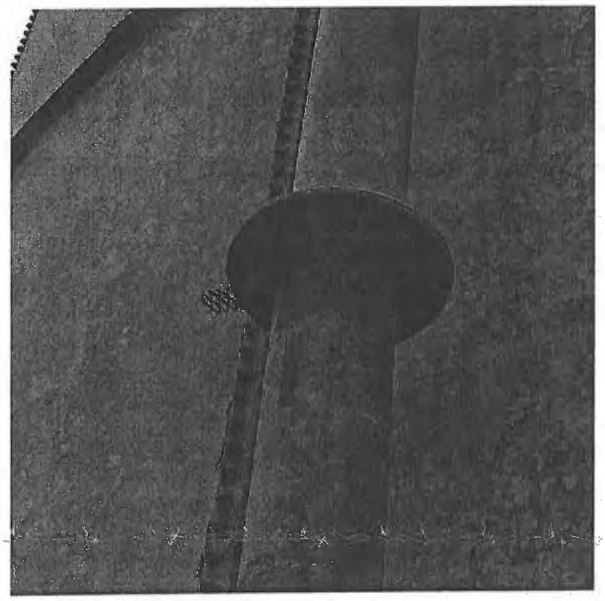


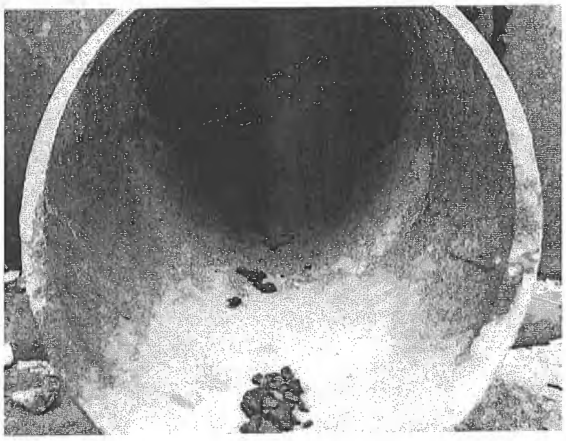


Attachment #1	Attachment #2
Facility ID: WELL #1	**Facility ID:** WELL #2
Category: Source	**Category:** Source



Attachment #3
Facility ID: WELL #4
Category: Source





Attachment #4	Attachment #5
Facility ID: Ground Storage Tank	**Facility ID:** Ground Storage Tank
Category: Finished Water Storage	**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 2870 0001 8149 4664

March 20, 2019

Bill Neef
LPWDN Purchase West Scott
307 Rue Scholastique
Lafayette, LA 70507

Re: Class I Sanitary Survey
LPWDN Purchase West Scott
PWS ID LA1055172
Lafayette Parish

Dear Mr. Neef:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the March 8, 2019 sanitary survey inspection of the public water supply system for LPWDN Purchase West Scott (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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 Engineering Services
Dillan Crawford	LDH/OPH Engineering Services
Mary Dwyer	LPDWN
Greg Richard	LPDWN

NOTICE OF VIOLATIONS

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

The following list 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 opted to use software for maintaining records related to the Cross Connection Control Program (CCCP). Please demonstrate that the water system has the ability to do the following: 1. Provide a list of all customers that require a testable backflow prevention device. 2. Provide a list of all customers that did not test their device in the last two years. 3. Describe what action was done by the water system to get customers back in compliance.

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: 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.
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 2429

April 4, 2019

Flora Howell
Habersham Subdivision Water System
Howell Environmental Companies
211 Hulco Drive
P.O. Box 430
Scott, LA 70583

Re: Class I Sanitary Survey
Habersham Subdivision Water System
PWS ID #: LA 1055174
Lafayette Parish

Dear Ms. Howell:

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 Habersham 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
Hayden K. Keigley	LDH/OPH Region 4 Engineering
Dillan Crawford	LDH/OPH Region 4 Engineering
Randy Savoy	Howell Environmental Companies
Heather Cornner	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 – 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

Sample ID	Type	Date	Comment	Chlori Res dual	
				Free	T t
A1811618-001	Routine	10/9/2018		1.20 mg/L	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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
Randy Savoy, Designated Operator, Howell Environmental Companies

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 2405

April 4, 2019

Flora Howell
Pinnacle Place Subdivision Water System
Howell Environmental Companies
211 Hulco Drive
P.O. Box 430
Scott, LA 70583

Re: Class I Sanitary Survey
Pinnacle Place Subdivision Water System
PWS ID #: LA 1055175
Lafayette Parish

Dear Ms. Howell:

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 Pinnacle Place 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
Hayden K. Keigley	LDH/OPH Region 4 Engineering
Dillan Crawford	LDH/OPH Region 4 Engineering
Randy Savoy	Howell Environmental Companies
Heather Cornner	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 – 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
Randy Savoy, Designated Operator, Howell Environmental Companies

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 3696

August 20, 2019

Bill Neef
LPWDN HOLIDAY MOBILE ESTATES WS
307 Rue Scholastique
Lafayette, LA 70507

Re: Class I Sanitary Survey
LPWDN HOLIDAY MOBILE ESTATES WS
PWS ID#: LA1055179
LAFAYETTE Parish

Dear Mr. Neef:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 6, 2019 sanitary survey inspection of the public water supply system for LPWDN HOLIDAY MOBILE ESTATES 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
Brent Bouy	LDH/OPH Region IV Engineering
Greg Richard	LPWD 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
DS0950 - DISTRIBUTION SYSTEM	Distribution System	The carwash that is not currently open on this water system was using a hose connection that did not have 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 hose voids this protection. The hose, with or without a control valve, should be removed and stored when not being used. Please make sure, if the carwash opens, that the proper backflow preventer is installed, added it to the water system list, and is properly tested. **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 – 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.
Engineer V

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

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

RECEIVED
AUG 28 2019
ENGINEERING SERVICES

State of Louisiana

Department of Health
Office of Public Health

Attachments



Attachment #1

Facility ID: DISTRIBUTION SYSTEM

Category: Distribution System

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 3665

August 20, 2019

Bill Neef
LPWDN Township WS
307 Rue Scholastique
Lafayette, LA 70507

Re: Class I Sanitary Survey
LPWDN TOWNSHIP WS
PWS ID#: LA1055180
LAFAYETTE Parish

Dear Mr. Neef:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 6, 2019 sanitary survey inspection of the public water supply system for LPWDN TOWNSHIP 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
Brent Bouy	LDH/OPH Region IV Engineering
Greg Richard	LPWD 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

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

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"

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.
Regional 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: 7007 2560 0003 2846 3689

August 20, 2019

Bill Neef
LPWDN FAIRWAY VILLAGE WS
307 Rue Scholastique
Lafayette, LA 70507

Re: Class I Sanitary Survey
LPWDN FAIRWAY VILLAGE WS
PWS ID#: LA1055181
LAFAYETTE Parish

Dear Mr. Neef:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 6, 2019 sanitary survey inspection of the public water supply system for LPWDN FAIRWAY VILLAGE 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
Brent Bouy	LDH/OPH Region IV Engineering
Greg Richard	LPWD 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

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

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"

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.
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: 7007 2560 0003 2846 3702

August 20, 2019

Bill Neef
LPWDN LA NEUVILLE HOLIDAY SUBDIVISION WS
307 Rue Scholastique
Lafayette, LA 70507

Re: Class I Sanitary Survey
LPWDN LA NEUVILLE HOLIDAY SUBDIVISION WS
PWS ID#: LA1055186
LAFAYETTE Parish

Dear Mr. Neef:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 6, 2019 sanitary survey inspection of the public water supply system for LPWDN LA NEUVILLE HOLIDAY SUBDIVISION 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
Brent Bouy	LDH/OPH Region IV Engineering
Greg Richard	LPWD 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

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

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"

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.
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: 7019 1120 0000 1675 1726

November 13, 2019

Bill Neef
LPWDN NORTH REGION
307 Rue Scholastique
Lafayette, LA 70507

Re: Level 2 Assessment
- 2nd Level 1 – Triggered on November 9, 2019
LPWDN NORTH REGION WATER SYSTEM
PWS ID LA1055191
LAFAYETTE 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 November 12, 2019 RTCR Level 2 Assessment of the public water supply system for LPWDN North Region 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 (report)	OPH Region V Engineering
Brent Bouy (field)	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 November 9, 2019. The response is due on or before December 9, 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

Unresolved Observations

No unresolved observations were recorded in this category.

Sanitary Defects (Requiring corrective action and response on or before December 9, 2019)

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	Despite adequate chlorine residuals, samples from TCR-026 with respect to two compliance periods have tested TC+. The 2nd Level 1 Assessment was triggered by a TC+ routine and a TC+ repeat samples at TCR-026. Remediate sample location (TCR-026, 489 Malapart Road). Disinfect, flush, and submit investigative samples to support clear bacteriological presence after remediation. **See Attachment A.1.**

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
A1911540-003	Repeat	11/7/2019		1.320	
A1911217-007	Routine	11/5/2019		1.290	
A1911029-001	Repeat	10/25/2019		2.180	
A1910739-010	Routine	10/23/2019		1.180	
A1910475-007	Routine	10/17/2019		1.310	
A1905429-003	Routine	6/3/2019		1.210	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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.

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,

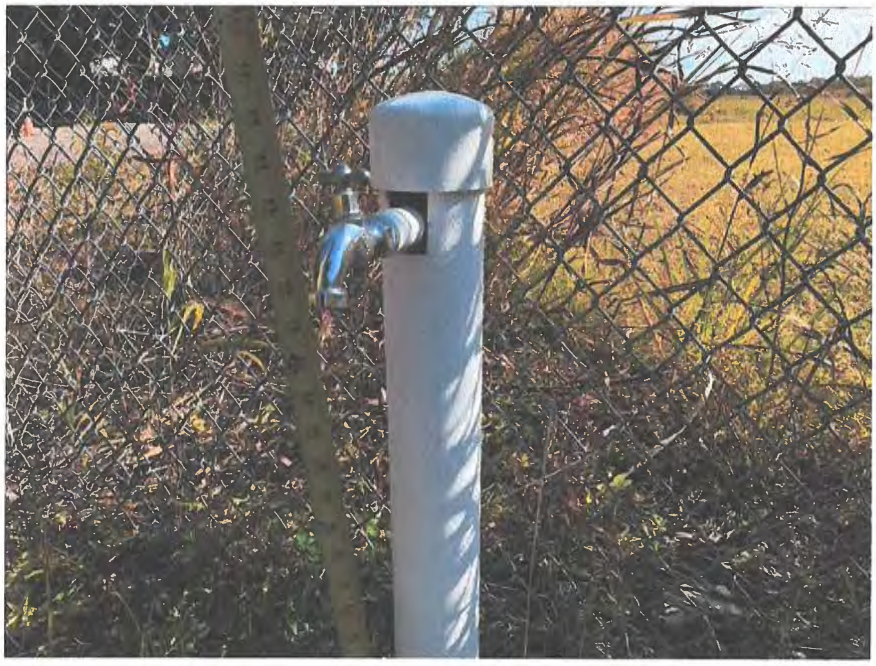
Steven R. Joubert, P.E.
District III Engineer

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

Attachments:

Attachment A.1. **TCR, Excessive TC+ Samples**
Facility ID: **DS0950 - DISTRIBUTION SYSTEM**
Category: **Distribution System**





Louisiana Department of Health, Office of Public Health

Engineering Services – Safe Drinking Water Program

RTCR Level 2 Assessment Form

I. General Information

PWS Name: LPWDN North Region			PWS ID#: 1055191
Contact Name: Bill Neef			Phone #: 1-337-896-8683
PWS Address: 307 Rue Scholastique, Lafayette, LA			E-mail: bneef@lpwdn.com
Name of Lead Assessor: Steven R. Joubert			Date Completed: 11/12/2019
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: 10/26/2019	

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

Positive Sample #1:	Sample POC#: TCR-026	Sample POC Name: 489 Malapart Road	
Sample Date: 11/5/2019	Name of Sample Collector: Lynette Abshire		
Chlorine Residual:	Free X Total ☐	Not Measured ☐	1.29 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-026	Sample POC Name: 489 Malapart Road	
Sample Date: 11/7/2019	Name of Sample Collector: Lynette Abshire		
Chlorine Residual:	Free X Total ☐	Not Measured ☐	1.32 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 ☐	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#:	Sample POC Name:	
Sample Date:	Name of Sample Collector:		
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 (Related to Groundwater Seller)

**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 (Related to Groundwater Seller)

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.* **X

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

Assessor Name: Steven R. Joubert, P.E.

F. Water Quality Data Table

Parameter	Number of Each Sample Type Collected		
	Raw (0)	Entry Point (0)	Distribution (1)
Chlorine Residual (mg/L)			TCR-026, 1.35 ppm 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 #) D.14	Corrective Action
Despite adequate chlorine residuals, samples from TCR-026 with respect to two compliance periods have tested TC+. The 2nd Level 1 Assessment was triggered by a TC+ routine and a TC+ repeat samples at TCR-026.	Remediate sample location (TCR-026, 489 Malapart Road). Disinfect, flush, and submit investigative samples to support clear bacteriological presence after remediation.

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:** 11/12/2019

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: 7014 2870 0001 8149 3568

April 29, 2019

Ray Bourque
City Of Broussard Purchase Water System
310 E. Main St
Broussard, LA 70518

Re: Class I Sanitary Survey
CITY of BROUSSARD PURCHASE WATER SYSTEM
PWS ID LA1055193
LAFAYETTE Parish

Dear Mr. Bourque:

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 CITY of BROUSSARD PURCHASE 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
Kern Meyers	City Of Broussard Water System
Dennis Pitre	City Of Broussard 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
04/06/2017	04/07/2017	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: An ordinance for a Cross Connection Control Program (CCCP) was adopted by the water system on February 27, 2008. 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.					

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.

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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1809256-001	Routine	8/14/2018		1.020	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

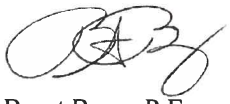
No maximum contaminant level violations were reported in the past year.

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 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: 7014 2870 0001 8149 3582

April 29, 2019

Ray Bourque
City of Broussard Hwy 90 Water System
310 E. Main St
Broussard, LA 70518

Re: Class I Sanitary Survey
CITY of BROUSSARD HWY 90 WATER SYSTEM
PWS ID LA1055194
LAFAYETTE Parish

Dear Mr. Bourque:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the April 10, 2019 sanitary survey inspection of the public water supply system for CITY of BROUSSARD HWY 90 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
Kern Meyers	City Of Broussard Water Systemv
Dennis Pitre	City Of Broussard 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
04/06/2017	04/07/2017	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: An ordinance for a Cross Connection Control Program (CCCP) was adopted by the water system on February 27, 2008. 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.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
04/06/2017	04/07/2017	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-ELEVATED TOWER - BERCEGEAY DRIVE
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. It appears that the bottom side of the elevated tower is experiencing severe signs of corrosion. It is strongly recommended that preventative maintenance be performed on the elevated tower to avoid further corrosion.					

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
TP002 - TREATEMENT PLANT - WELLS #3 & #4	Treatment	The water system currently uses Zinc Orthophosphate (TMB-439) as an inhibitor for corrosion control. All public water systems that use orthophosphates for treatment must have test equipment capable of monitoring and measuring total phosphate or have a contract with someone to monitor and measure the total phosphate. The total phosphate applied shall not exceed 10 mg/L. Testing is needed to insure that the total phosphate does not exceed this limit. Provide LDH with the next three (3) months (May 2019 to July 2019) of total Zinc Orthophosphate (TMB-439) test results for verification.

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

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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1809034-001	Routine	8/8/2018		0.990	1.010

Violation History

Monitoring Violations during the past year

Violation Number	Violation Date	Analyte	Compliance Period
16	01/23/2019	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
17	03/06/2019	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 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: 7018 1830 0000 4149 2732

April 23, 2019

Rudell Bruno
CHESTERS MOBILE HOME ESTATE WATER SYSTEM
110 Peltier Road Unit #1
Carencro, LA 70520

Re: Class I Sanitary Survey
CHESTERS MOBILE HOME ESTATE WATER SYSTEM Public Water System
PWS ID LA1055197
LAFAYETTE Parish

Dear Ms. Bruno:

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 CHESTERS MOBILE HOME ESTATE 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
Solomon Angwafo	OPH-Region V Engineering
Rudell Bruno	Chester's Mobile Home Estate
Dillan Crawford	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

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	12/05/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	HD002-WEST
Comments: Storage tanks shall have a water sight glass to measure the water level in the tank. A sight glass must be provided for the storage tank.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	12/05/2016	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. Please send the Region 5 office a copy of the next three (3) months of properly recorded, chlorine residual forms.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	12/05/2016	Sanitary Survey, Finished	Minor	Source	1055197-001-WELL #1-WEST WELL
Comments: The well is not equipped with a pressure gauge, a means of measuring flow, and a suitable smooth nosed sampling tap located at a point where positive pressure is maintained. A pressure gauge, a means of measuring flow, and suitable smooth nosed sampling tap must be provided. ***(Attachment A.2)***					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	12/05/2016	Sanitary Survey, Finished	Minor	Source	1055197-001-WELL #1-WEST WELL
Comments: The well is not equipped with a casing vent. The well must be equipped with a downturned casing vent screened with an appropriate non-corrodible 24 mesh screening, at a minimum height of 12 above grade or floor, and a minimum diameter of 1/2 inch.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	12/05/2016	Sanitary Survey, Finished	Minor	Source	1055197-002-WELL #2-EAST WELL
Comments: The well is not equipped with a pressure gauge, a means of measuring flow, and a suitable smooth nosed sampling tap located at a point where positive pressure is maintained. A pressure gauge, a means of measuring flow, and suitable smooth nosed sampling tap must be provided. ***(Attachment A.3)***					

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	12/05/2016	Sanitary Survey, Finished	Minor	Source	1055197-002-WELL #2-EAST WELL
Comments: 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 1/2 inch.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	12/05/2016	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT PLANT #1
Comments: 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. ***(Attachment A.1)***					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/28/2016	12/05/2016	Sanitary Survey, Finished	Minor	Treatment	TP001-TREATMENT PLANT #1
Comments: The chemical feed tank is not labeled. The chemical feed tank must be labeled with the name of the chemical being injected for water disinfection.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1055197-002 - WELL #2-EAST	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 must be provided. Currently, there is another existing well on-site that may be connected to the distribution system and used as a secondary source or emergency well. This well is currently inactive. 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 new sources of water must be approved by the LA Dept. of Health. Chester's Mobile Home Estate has the ability to connect to an existing public water system (LPWD North 337-896-8683). Please provide written evidence to support that a connection to this water system is not possible. If capability exist and your property is legally entitled to service, then all citations can be disregarded by making a connection to the existing water system with water main and hydrant at Hwy 1252 and Peltier St junction.

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.

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	The water system was not able to retrieve records or provide evidence of sufficient maintenance of record. A public 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, 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 (example: lab reports, correspondences, etc.) into separately maintained files and in chronological order for the following categories: Daily Operating Reports, LDH-Approved Chlorine Residual Reports, Bacteriological Sampling Results, Chemical Sampling Results, Complaint Logs, Miscellaneous. Feel free to contact this office at (337) 475-3232 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 – 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
10	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 337-475-3232.

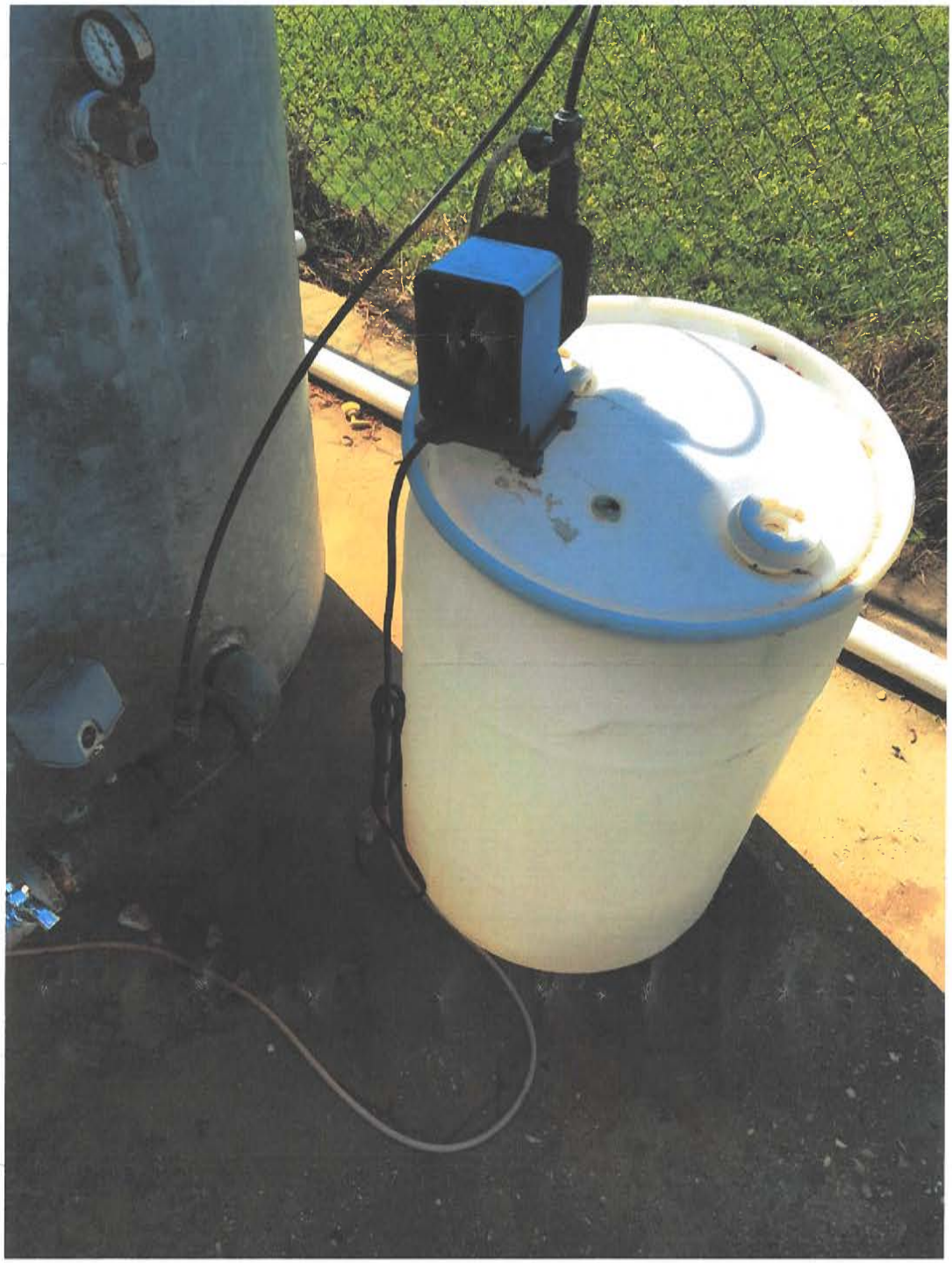
Respectfully,



Solomon Angwafo, E.I.
Engineer Intern

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

Attachment A.1 **TP001 – Container needs label of chemical it carries + shed**
Facility ID: Treatment Plant
Category: Treatment



Attachment A.2 **Well #1 – Requires a pressure gauge and casing vent**
Facility ID: Well #1
Category: Source



Attachment A.2 **Well #2 – Requires a pressure gauge and casing vent**
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 3672

August 20, 2019

Bill Neef
LPWDN CARMEL DRIVE
307 Rue Scholastique
Lafayette, LA 70507

Re: Class I Sanitary Survey
LPWDN CARMEL DRIVE
PWS ID#: LA1055198
LAFAYETTE Parish

Dear Mr. Neef:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 13, 2019 sanitary survey inspection of the public water supply system for LPWDN CARMEL DRIVE. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Greg Richard	LPWD 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

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

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"

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.
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: 7007 2560 0003 2846 3726

August 20, 2019

Bill Neef
LPWDN WILDERNESS TRAIL
307 Rue Scholastique
Lafayette, LA 70507

Re: Class I Sanitary Survey
LPWDN WILDERNESS TRAIL
PWS ID#: LA1055199
LAFAYETTE Parish

Dear Mr. Neef:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 13, 2019 sanitary survey inspection of the public water supply system for LPWDN WILDERNESS TRAIL. The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Greg Richard	LPWD 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

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

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"

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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1906151-002	Routine	6/17/2019		1.310	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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.
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: 7007 2560 0003 2846 3719

August 20, 2019

Bill Neef
LPWDN SOUTH PARK
307 Rue Scholastique
Lafayette, LA 70507

Re: Class I Sanitary Survey
LPWDN SOUTH PARK
PWS ID#: LA1055200
LAFAYETTE Parish

Dear Mr. Neef:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 13, 2019 sanitary survey inspection of the public water supply system for LPWDN SOUTH 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
Brent Bouy	LDH/OPH Region IV Engineering
Greg Richard	LPWD 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

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

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"

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.
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: 7007 2560 0003 2846 3634

November 22, 2019

Fred Arsement
Ile Des Cannes Water System
P.O. Box 700
Maurice, LA 70555

Re: Class I Sanitary Survey
Ile Des Cannes Water System
PWS ID #: LA1055201
Lafayette Parish

Dear Mr. Arsement:

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 Ile Des Cannes 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
Arlene Choate	LPWD South

NOTICE OF VIOLATIONS

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

The following list 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	A total coliform monitoring plan has not been completed. A total coliform Monitoring Plan must be completed. The OPH Region 4 Engineering staff can be reached by phone at (337) 262-5316 about the review and approval of the plan. The water system can complete the required plan by logging into the Monitoring Plan Portal on LDHs website using the following link: https://www.ldhh-mpp.org/

Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	M&R and Data Verification	There are no taps in the distribution system for sample collection. At least five (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 LDH Region 4 Engineering staff for assistance.

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

September 20, 2019

Wayne Gautreaux
LAFOURCHE WATER DISTRICT 1
PO Box 399
Lockport, LA 70374

Re: Class I Sanitary Survey
LAFOURCHE WATER DISTRICT 1 Public Water System
PWS ID LA1057001
LAFOURCHE Parish

Dear Mr. Gautreaux:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the August 21, 2019 sanitary survey inspection of the public water supply system for LAFOURCHE WATER 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
David Boggs	LDH Engineering Region 3
Jared Allemand	Lafourche Water District# 1
Wayne Gautreaux	Lafourche Parish Water Dist #1
Addis Landry	Lafourche 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

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL009 - CHOUPIC TOWER	Finished Water Storage	The overflow pipe appears to have larger than 4 mesh screen. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
EL010 - EAST CHACKBAY TOWER	Finished Water Storage	The overflow screen has a gap that is not properly attached. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT FOR NORTH PLANT	Treatment	The Sodium Hypochlorite tank at the Bayou Blue Booster Pump Station does not have spill containment. **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.

Written Response Required

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
B1903822-027	Routine	9/3/2019			3.960
B1903090-013	Routine	7/22/2019			3.600
B1902775-036	Routine	7/1/2019			2.800

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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.

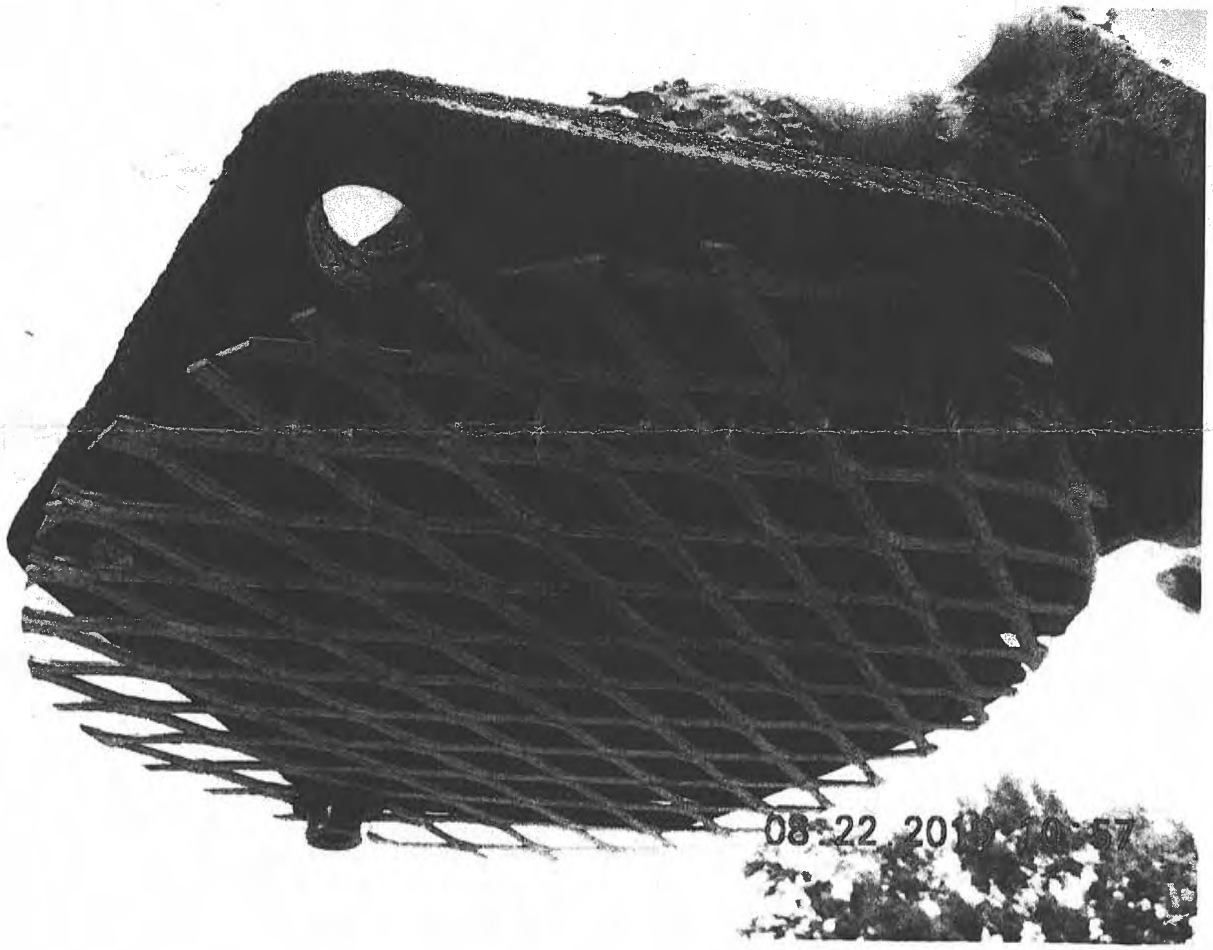
Respectfully,

David Boggs

David Boggs,
Engineer Intern
OPH – Region 3

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

Attachments



Attachment #1

Severity: Minor

Facility ID: CHOUPIC TOWER

Category: Finished Water Storage

Attachment Comments: The overflow screen appears to be larger than 4 mesh.



Attachment #2

Severity: Minor

Facility ID: EAST CHACKBAY TOWER

Category: Finished Water Storage

Attachment Comments: The overflow pipe screen is not properly attached.



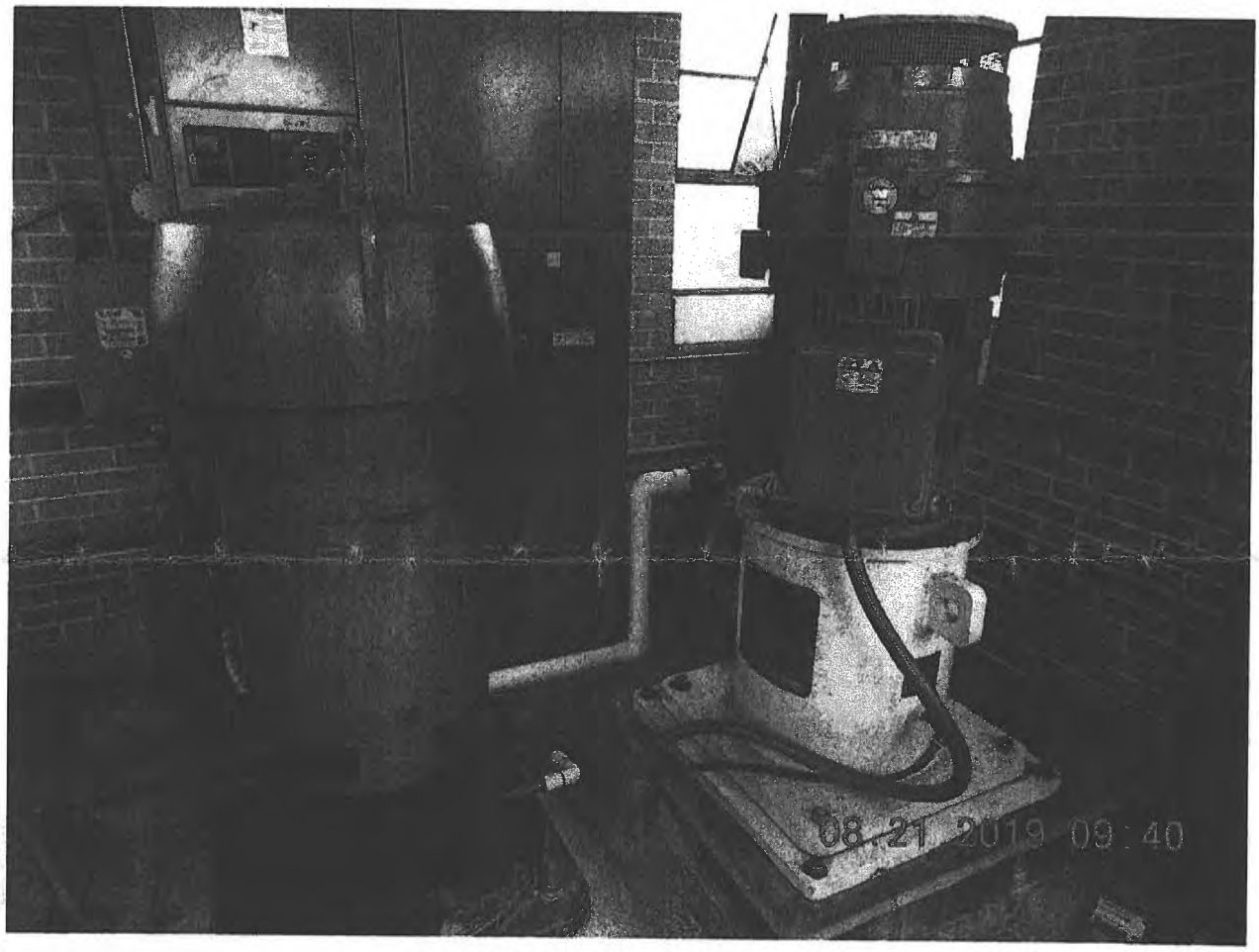
Attachment #3

Severity: Minor

Facility ID: TREATMENT FOR NORTH PLANT

Category: Treatment

Attachment Comments: The Sodium Hypochlorite Tank at the Bayou Blue Booster Pump Station does not have spill containment.

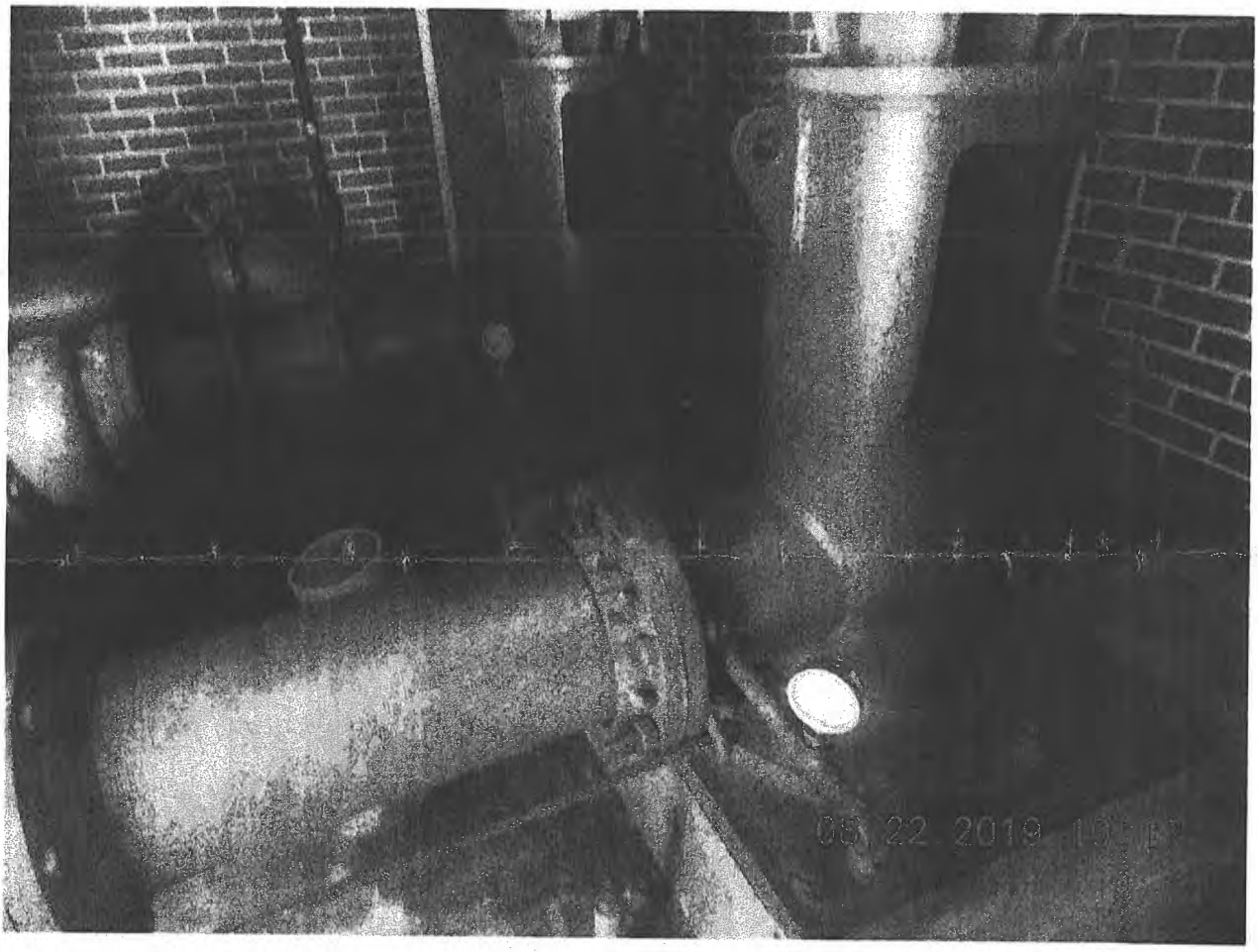


Attachment #4

Severity: None

Category: M&R and Data Verification

Attachment Comments: The raw water intake pumps do not have cages.



Attachment #5

Severity: None

Category: M&R and Data Verification

Attachment Comments: The North Lafourche Tower pumps do not have cages.



Attachment #6

Severity: None

Category: M&R and Data Verification

Attachment Comments: The North Raceland Pump Station pumps do not have cages.

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 0928- Return Receipt Requested

November 4, 2019

Mr. Bill Sanderson
Choudrant Water System
P O Box 288
Choudrant, LA 71227

Re: Class I Sanitary Survey
Choudrant Water System
PWS ID LA1061002
Lincoln Parish

Dear Mr. Sanderson:

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 Choudrant 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
James Frasier	Village Of Choudrant

NOTICE OF VIOLATIONS

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

The following list 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	11/12/2017	Sanitary Survey, Finished	Minor	M&R and Data Verification	Management
Comments: During the review of the chlorine residual monthly operating reports, there were some months where the chlorine residuals were not collected every day at the POE and MRT locations. There were one or two days in some months where the chlorine residual was not collected at either the POE or the MRT. The water system shall measure the chlorine residual at the POE and MRT locations at least once per day.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/13/2014	11/18/2014	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: At the time of inspection the water system had not yet adopted a formal cross connection control program. 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.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/13/2014	11/18/2014	Sanitary Survey, Finished	Minor	Source	1061002-003-WELL #3
Comments: At the time of inspection the sample tap was not located upstream of the flow meter and check valve. The tap must be located upstream of these devices to prevent contamination of raw water samples. 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
11/13/2014	11/18/2014	Sanitary Survey, Finished	Minor	Source	1061002-004-WELL #4
Comments: At the time of the inspection there was no sample tap located on the well. A sample tap must be provided for the collection of raw water samples. 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
11/13/2014	11/18/2014	Sanitary Survey, Finished	Minor	Treatment	TP003-TP @ WELL #3
Comments: At the time of inspection the fan in the chlorine building was not functioning. 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. As of 10/15/19, the fan is still not working at the chlorine building.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/13/2014	11/18/2014	Sanitary Survey, Finished	Minor	Treatment	TP005-TP @ WELL #5
Comments: At the time of inspection the chlorine building did not have power available to run a ventilation fan or a light. A light and fan should be installed for operator safety. Adequate housing must be provided for the chlorination equipment and for storing the chlorine (See Part 5). As of 10/15/19, There is still no fan or light at the chlorine building.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	There was a pit forming next to the riser on the elevated tank. The pit shall be filled in to preserve the structural integrity of the elevated storage tank. **(See Attachment #1)**
FACILITY	CATEGORY	FINDINGS
Management	Security	At the Squire Creek Treatment Plant Site, a tree had fallen over and destroyed part of the fence, making the site unsecure. The fence shall be repaired to prevent unauthorized access into the water system facilities. **(See Attachment #2)**
FACILITY	CATEGORY	FINDINGS
GR003 - GST #3 (PIPES STREET)	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, insects or other contaminants into the ground storage tank.
FACILITY	CATEGORY	FINDINGS
1061002-003 - WELL #3	Source	The screen on the well vent was torn and there was a rubber tube coming out of the well casing that did not look to be sealed from the atmosphere. The well vent shall be replaced and the tube shall either be removed or sealed to prevent the entrance of contaminants into the well casing. **(See Attachment #3 and #4)**
FACILITY	CATEGORY	FINDINGS
GR002 - GST #2 (JONES STREET)	Finished Water Storage	There was no screen on the overflow piping at the time of the inspection. A screen shall be added to the overflow piping to prevent the entrance of birds, insects or other contaminants into the ground storage tank. **(See Attachment #5)**
FACILITY	CATEGORY	FINDINGS
1061002-005 - WELL #5	Source	There was no screen on the air release valve at the time of the inspection. This could allow for contaminants to enter into the well discharge piping. A screen shall be added. **(See Attachment #6)**

Deficiencies

FACILITY	CATEGORY	FINDINGS
GR002 - GST #2 (JONES STREET)	Finished Water Storage	The overflow was directly connected to the storm drain. The overflow piping shall be disconnected from the storm drain immediately and shall be brought to 12 to 24 inches from the ground level. It shall then discharge into the drainage. **(See Attachment # 5)**

FACILITY	CATEGORY	FINDINGS
1061002-003 - WELL #3	Source	The electrical box and the well casing were showing moderate signs of corrosion. The electrical box and well casing shall be cleaned and repainted to protect the discharge piping from contamination.
FACILITY	CATEGORY	FINDINGS
1061002-003 - WELL #3	Source	There was no pressure gauge or flow meter on the discharge piping at the time of the inspection. A pressure gauge and a flow meter shall be added to the well discharge 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
Management	System Management and Operation	There was excessive vegetation at the Pipes Site. The trees were growing over the fence and were touching the Ground Storage Tank. The trees should be trimmed back.
FACILITY	CATEGORY	FINDINGS
TP003 - TP @ WELL #3	Treatment	The chlorine gas cylinders were not individually chained at the time of the inspection. The cylinders should be individually chained to the wall to prevent upset.
FACILITY	CATEGORY	FINDINGS
TP003 - TP @ WELL #3	Treatment	There were no weighing scales for chlorine gas available at the time of the inspection. Weighing scales should be provided to be able to determine the level of chlorine gas in the cylinders at a glance.
FACILITY	CATEGORY	FINDINGS
TP004 - TP @ WELL #4	Treatment	There were no weighing scales for chlorine gas available at the time of the inspection. Weighing scales should be provided to be able to determine the level of chlorine gas in the cylinders at a glance.
FACILITY	CATEGORY	FINDINGS
TP005 - TP @ WELL #5	Treatment	There were no weighing scales for chlorine gas available at the time of the inspection. Weighing scales should be provided to be able to determine the level of chlorine gas in the cylinders at a glance.

Written Response Required

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
8005216	06/10/2019	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 318-676-5422.

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

Attachment #1



Severity: Significant

Category: Other

Attachment Comments: The foundation around the elevated tank appeared eroded

Attachment #2



Severity: Significant

Category: Security

Attachment Comments: A tree has fallen through the fence.

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 #3



Severity: Significant

Category: Well #3

Attachment Comments: The well vent screen was torn.

Attachment #4



Severity: Significant

Category: Well #3

Attachment Comments: Rubber tube that is not sealed to the atmosphere.

Attachment #5



Severity: Significant & Minor

Category: GST @ Jones Street

Attachment Comments: No screen on overflow, and overflow is connected directly to storm drain.

Attachment #6



Severity: Significant

Category: Well #5

Attachment Comments: No screen on air release valve.

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 9479
April 10, 2019

Mr. Willie Bissic, President
FELLOWSHIP WATER SYSTEM
P O Box 206
Simsboro, LA 71275

Re: Class I Sanitary Survey
FELLOWSHIP WATER SYSTEM Public Water System
PWS ID LA1061004
LINCOLN Parish

Dear Bissic:

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 FELLOWSHIP 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
Karl J Johnson	Fellowship Water System
Debbie Richards	Fellowship 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
04/28/2016	05/02/2016	Sanitary Survey, Finished	Minor	Source	1061004-001-WELL #1 (SOUTH)
Comments: At the time of inspection the paint of the well discharge piping was showing signs of rust and wear. Please have the discharge piping sandblasted and repainted.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of the inspection, it was noted the amount of water produced could not be accurately calculated because well 1 lacks a flow meter. Also there were no water loss records being generated. Install a flow meter at well 1 and track water loss and repair any leaks occurring in the system to control water loss in the system.
FACILITY	CATEGORY	FINDINGS
Management	Other	Remove vegetation and small trees from fence at well 3.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	At the time of the inspection, it was noted sodium hexametaphosphate, glassy "Hexaphos" was being added to the system. A review of our files could not locate a letter from the system's engineer where this chemical was approved. Suspend use of sodium hexametaphosphate glassy "Hexaphos" until a request from the system's engineer has been received, reviewed and approved by LDH Engineering Services.
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
1061004-002 - WELL #2 (NORTH)	Source	At the time of the inspection, the sample tap for raw water sampling at well 2 was noted to be corroded and missing the handle. Replace the sample tap at well 2 with another smooth nozzle type tap.
FACILITY	CATEGORY	FINDINGS
1061004-001 - WELL #1 (SOUTH)	Source	At the time of the inspection, the sample tap for raw water sampling was noted to be corroded. Replace the sample tap with another smooth nozzle type tap. **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS

1061004-001 - WELL #1 (SOUTH)	Source	At the time of the inspection it was noted the air release valve was not constructed with the piping terminating in a down-turned position. Install the air release 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.
FACILITY	CATEGORY	FINDINGS
1061004-001 - WELL #1 (SOUTH)	Source	At the time of the inspection, it was noted well 1 does not have a flow meter. Install a flow meter at well 1. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1061004-002 - WELL #2 (NORTH)	Source	At the time of the inspection, the pipe stands supporting the above ground piping appeared to be in poor repair. Repair or replace the pipe stands as necessary.
FACILITY	CATEGORY	FINDINGS
1061004-001 - WELL #1 (SOUTH)	Source	At the time of the inspection, the pipe stands supporting the above ground piping appeared to be in poor repair. Repair or replace the pipe stands as necessary. . Rust was also observed on much of the above ground piping of well in the well house. Scrape and paint and if needed replace piping in well house. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1061004-001 - WELL #1 (SOUTH)	Source	At the time of the inspection, the well vent was not constructed with the vent facing in a downward position. Adjust the vent to where the opening is downward facing, parallel with the ground. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
1061004-002 - WELL #2 (NORTH)	Source	At the time of the inspection, the well vent was not constructed with the vent facing in a downward position. Adjust the vent to where the opening is downward facing, parallel with the ground. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
1061004-003 - WELL #3	Source	One of the bolts where the deck plate of the well did not have a nut to ensure the plate fit securely over the pipe. Replace the nut on the bolt to secure the 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.

At the time of the inspection, it was noted the stand pipe next to the office is no longer in service. System components that are no longer needed should be removed.

Written Response Required

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.

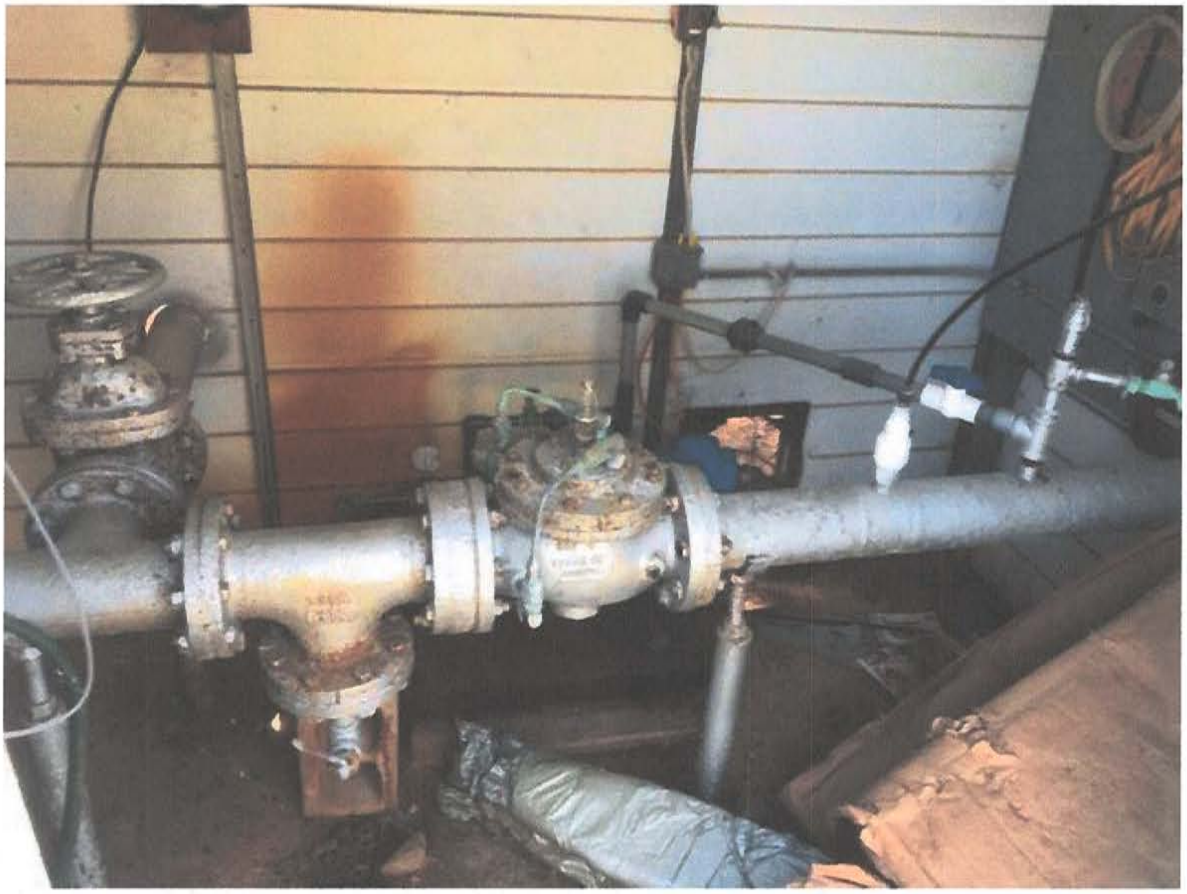
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7212.

Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

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

Attachments



Attachment #1

Severity: Minor

Facility ID: WELL #1 (SOUTH)

Category: Source

Attachment Comments: Replace sample tap, pipe stands, add flow meter and paint pipe.



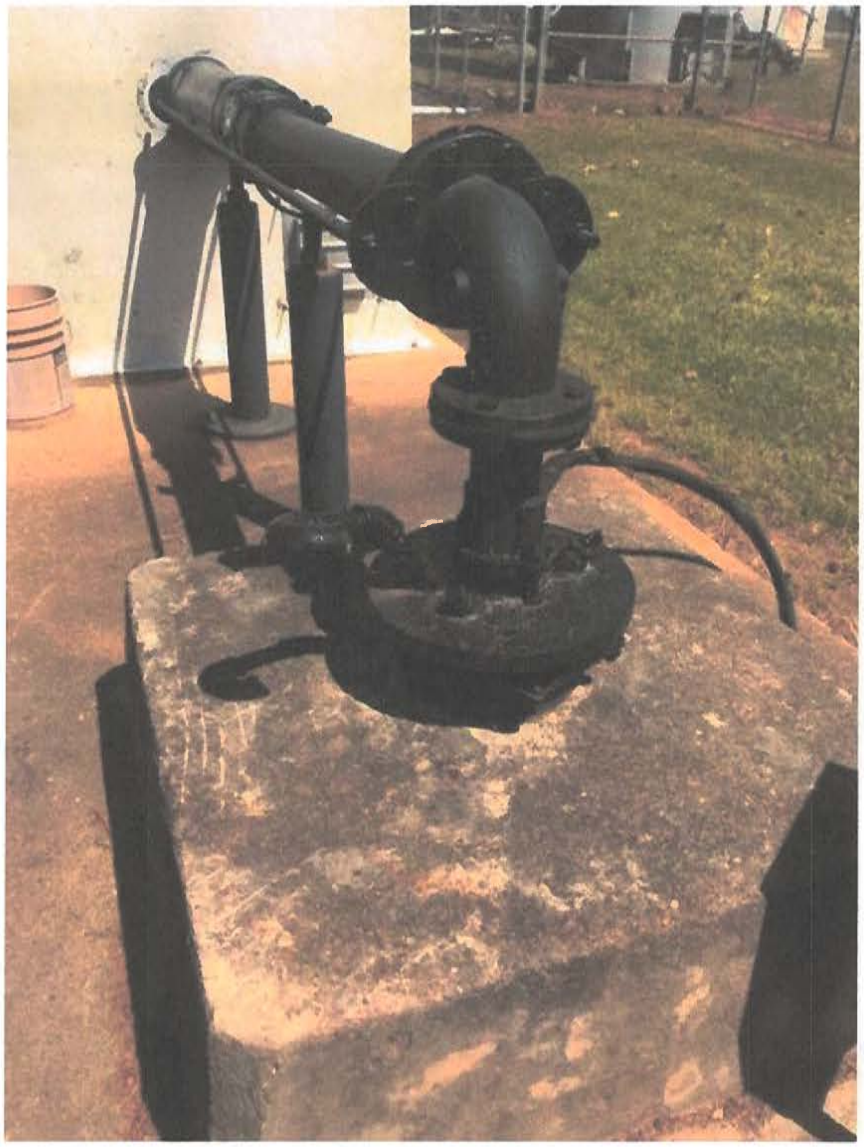
Attachment #2

Severity: Minor

Facility ID: WELL #1 (SOUTH)

Category: Source

Attachment Comments: Adjust well vent and add a downturn facing pipe that is screened to the air release valve.



Attachment #3

Severity: Minor

Facility ID: WELL #2 (NORTH)

Category: Source

Attachment Comments: Adjust the well vent to be downward facing

John Bel Edwards
GOVERNOR



Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL: 7014 1200 0002 2300 0976

August 5, 2019

Mr. Butler Hampton, President
GREATER WARD 1 WATERWORKS DISTRICT
P O Box 637
Ruston, LA 71273-0673

Re: Class I Sanitary Survey
GREATER WARD 1 WATERWORKS DISTRICT Public Water System
PWS ID LA1061007
LINCOLN Parish

Dear Mr. Hampton:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 22, 2019 sanitary survey inspection of the public water supply system for GREATER WARD 1 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
Stephen K Ray	OPH Region VIII Engineering
Butler Hampton	Greater Ward 1 Waterworks District
Rebecca Jennings	Greater Ward 1 Waterworks District
Cleo Reed	Greater Ward 1 Waterworks 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
08/08/2017	08/10/2017	Sanitary Survey, Finished	Minor	Source	1061007-004-WELL #4 @ DOUGLAS
Comments: There was some rust on the Well #4 piping. The rust shall be removed, and the well shall be repainted so that the well is protected against further corrosion.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	It appears that a significant leak is occurring in the well pump room at the Douglas well site occurring at the check valve. Have the check valve inspected by a qualified individual and repair or replace to stop the leak. Also the pipe stands in the well house room at the Douglas Well appear to be in poor repair. Repair or replace the pipe stands at the Douglas well site. The piping in the well house of the Douglas well site also appeared to be rusting and in need of scraping and painting. Scrape and paint rusted piping in the well house area of the Douglas well site.
FACILITY	CATEGORY	FINDINGS
Management	Other	The sample station for the point of entry samples for wells 3 & 4 at the Douglas well site was noted to be in poor repair. Repair or replace the sample station for the point of entry sample station located at the road at the Douglas well site.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	At the time of the inspection, it was noted there were no generators available to operate the system in the event of a power outage. Obtain and install generators sufficient to operate the water systems in the event of a power outage.
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the inspection it was noted that Greater Ward 1 Waterworks District had adopted a cross connection control program, however the plan is not be fully implemented. The system must maintain a file of each of the customer meters found to have a back-flow device and maintain file showing the device has been inspected and repaired if need be by a qualified individual.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and

include all required documentation to support those actions. If additional time is required to correct 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 6018
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

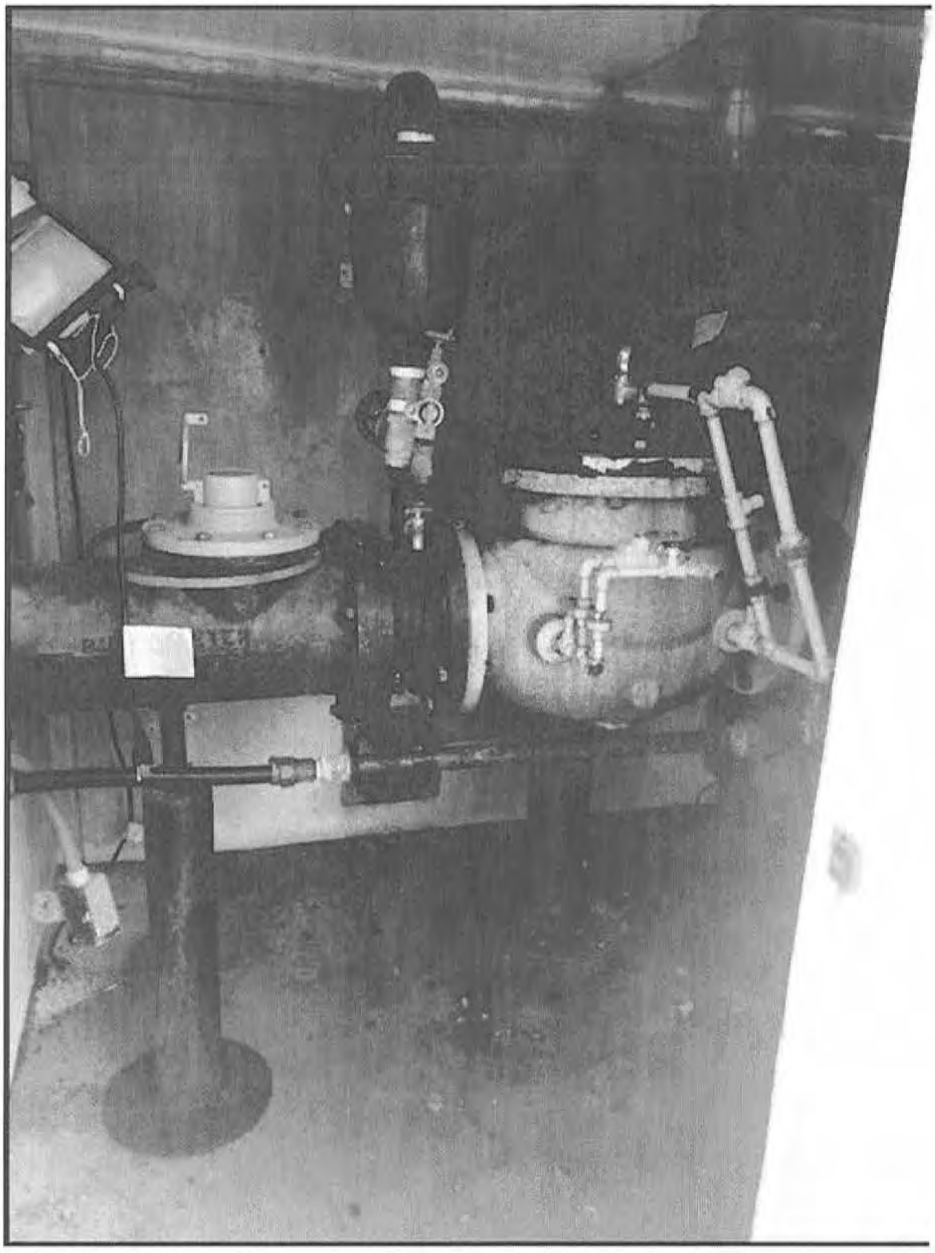
No other violations were reported in the past year.

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

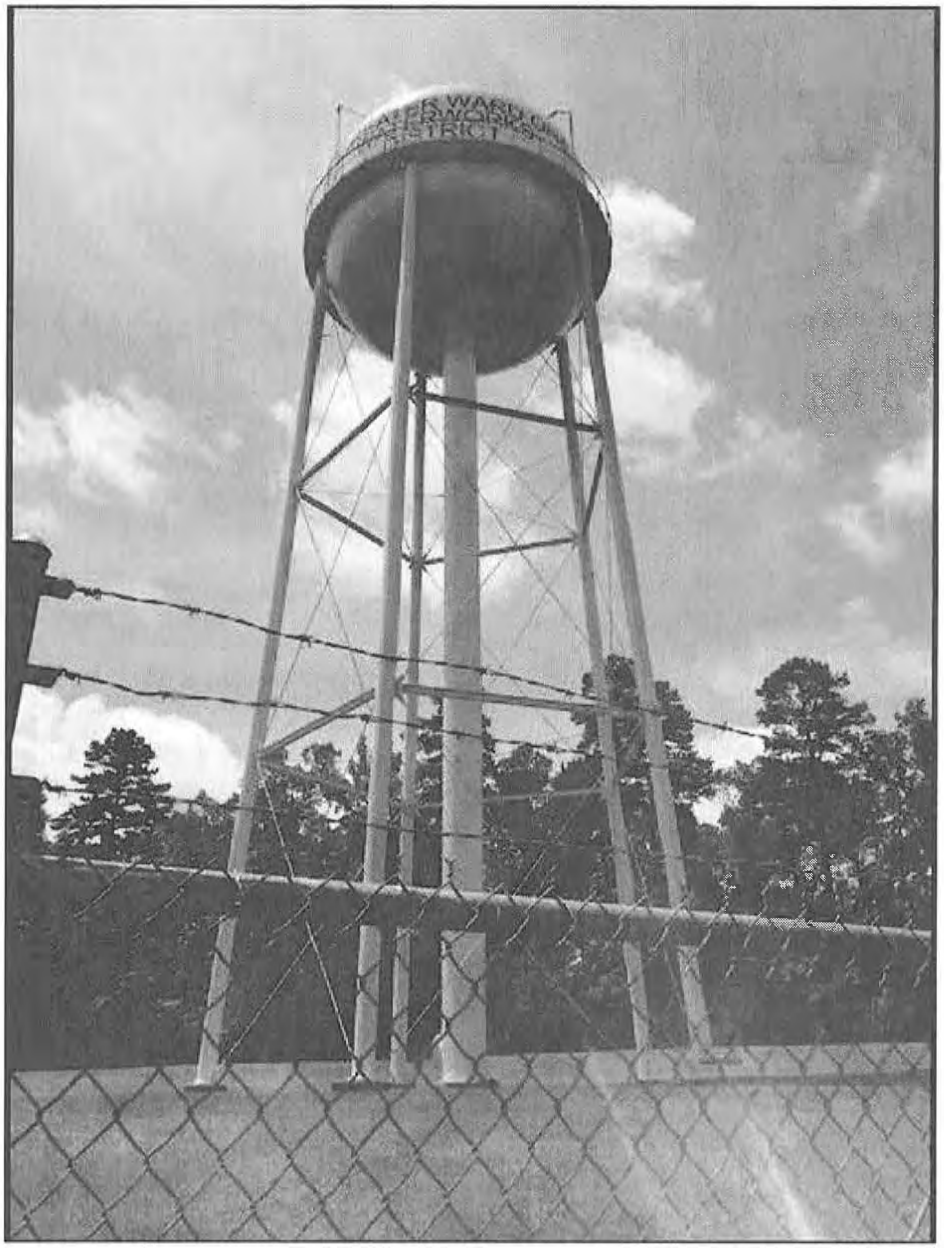


Attachment #1

Severity: Significant

Category: Other

Attachment Comments: Leaking check valve and pipe stand and piping rusted.



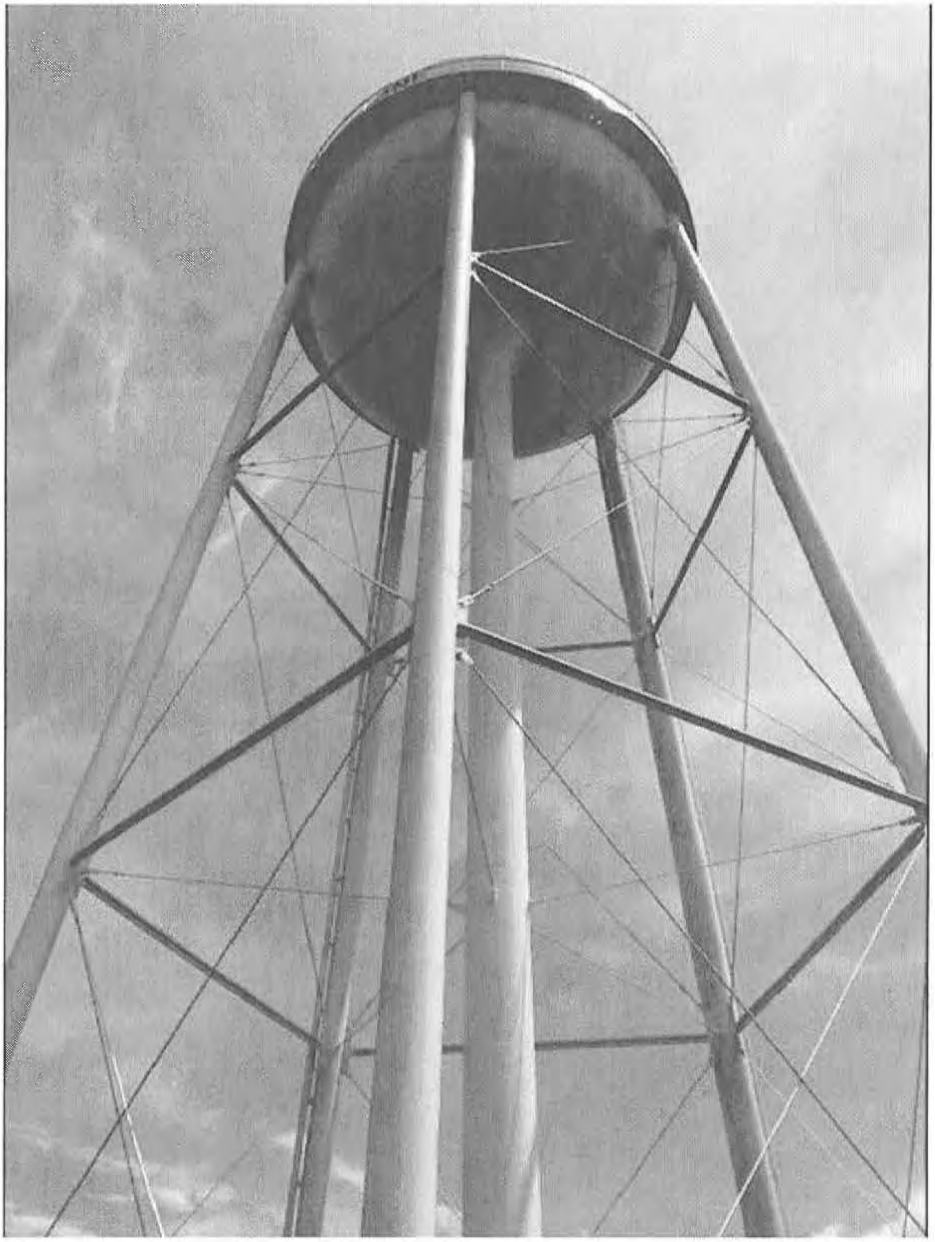
Attachment #2

Severity: None

Facility ID: EST #3 @ GOODGOIN

Category: Finished Water Storage

Attachment Comments: Elevated tank at Goodgoin site



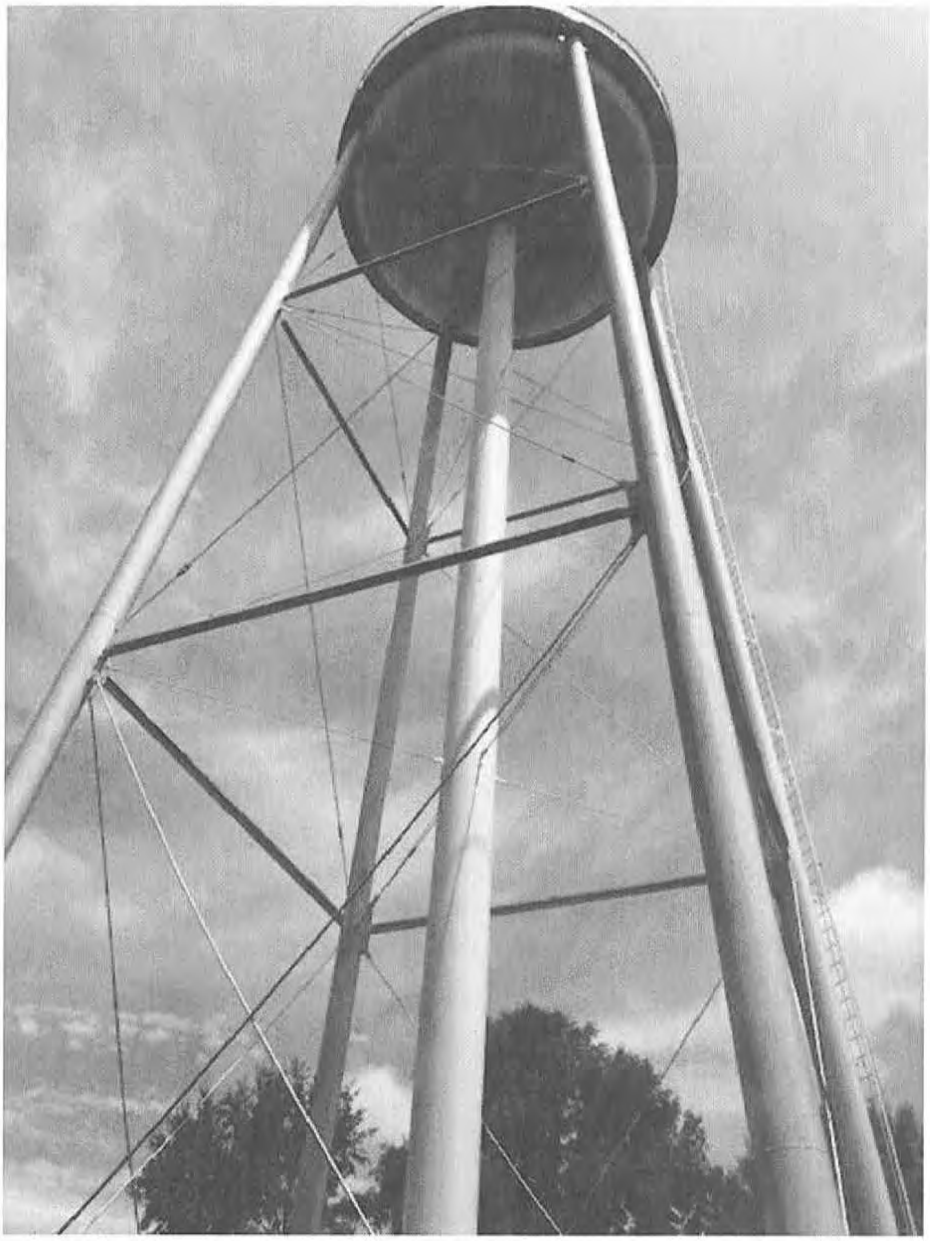
Attachment #3

Severity: None

Facility ID: EST #2 @ DOUGLAS

Category: Finished Water Storage

Attachment Comments: Elevated tank at Douglas site



Attachment #4

Severity: None

Facility ID: EST #1 @ BAXTER

Category: Finished Water Storage

Attachment Comments: Elevated tank at Baxter site

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 0983

August 6, 2019

Mr. Doug Stewart, President
LINCOLN PARISH WATERWORKS DISTRICT #1
141 Barham Road
Dubach, LA 71235

Re: Class I Sanitary Survey
LINCOLN PARISH WATERWORKS DISTRICT #1 Public Water System
PWS ID LA1061009
LINCOLN 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 July 22, 2019 sanitary survey inspection of the public water supply system for LINCOLN PARISH 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
Stephen K Ray	OPH Region VIII Engineering
Joan Jacks	Lincoln Parish WW District #1
Carl Johnson	Lincoln Parish WW 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

No unresolved observations were recorded in this category.

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 - PRESSURE TANK	Finished Water Storage	At the time of the inspection, it was noted the hydro pneumatic tank had rust occurring on the exterior. Have the tank evaluated by a tank painter and take appropriate action to prevent the tank from rusting. **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 – 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: GST #1

Category: Finished Water Storage

Attachment Comments: Ground Storage Tank 1



Attachment #2

Severity: None

Facility ID: GST #2

Category: Finished Water Storage

Attachment Comments: Ground Storage Tank 2



Attachment #3

Severity: Minor

Facility ID: PRESSURE TANK

Category: Finished Water Storage

Attachment Comments: View of rust on exterior of the Hydro Pneumatic Tank

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL: 7018 0680 0001 2492 3382
February 19, 2019

Mr. Randy Snow, President
LINCOLN PARISH WATERWORKS DISTRICT #3
P O Box 366
Ruston, LA 71273

Re: Class I Sanitary Survey
LINCOLN PARISH WATERWORKS DISTRICT #3 Public Water System
PWS ID LA1061010
LINCOLN Parish

Dear Mr. Snow:

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 LINCOLN 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
Stephen K Ray	OPH Region VIII Engineering
Chris Harris	Lincoln Waterworks District 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.

Unresolved Observations

Visit Date	Notify Date	Reason	Severity	Category	Facility
02/25/2016	03/01/2016	Sanitary Survey, Finished	Significant	Distribution System	DS0950-DISTRIBUTION SYSTEM
Comments: Upon the adoption of a cross connection control program, the water system must have a "qualified individual" perform a cross connection control survey to identify customers who pose a cross connection with the system and their property.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
02/25/2016	03/01/2016	Sanitary Survey, Finished	Minor	Finished Water Storage	EL002-ELEVATED
Comments: At the time of the inspection, rust was forming on the tank. The tank should be inspected by a tank painter and appropriate action should be taken to protect the tank from corrosion (inside and out).					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	At the time of the inspection, it was noted the chlorine house and all components were not working and the building appeared to be in poor condition. The operator stated the local airport was relocating the road and runway and the well may have to be removed. Should the well location remain in service, please provide a proper chlorine building with viewing glass in the door, lights, vent fans, scales to weight the chlorine bottles and automatic switch over for continuous chlorine feeding. **See Attachment #3**
FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the inspection, it was noted the water system has adopted a cross connection control program, however the program has not been fully implemented. Implement the cross connection control program by maintaining a book with the document that was adopted by the board, a list of all customers with back-flow devices and the annual tests performed by qualified Louisiana back-flow testers.
FACILITY	CATEGORY	FINDINGS
1061010-002 - WELL NO. 2	Source	At the time of the inspection, it was noted that well #1 was not being operated, The operator stated the local airport was relocating the road and runway and the well may have to be removed. If the well location is to be moved, have the well properly abandoned by a licensed well driller. If the well is to remain in service, then scrape and paint the above ground piping and casing, install a new screen on the well vent, install a hose bib vacuum breaker on the threaded spigot in the well house, and coordinate with Region 8 personnel to have the Phase 2 & 5 samples collected and analyzed and the system take a clear bacteriological sample all to be done before the well is brought on line again. **See Attachment #4, #6 and #5**

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.
FACILITY	CATEGORY	FINDINGS
EL001 - ELEVATED	Finished Water Storage	At the time of the inspection, rust was noted on the legs of the elevated storage tank located on Frazier Road. Have a tank painter evaluate the areas and take appropriate action to correct the rusting areas. **See Attachment #2 and #1**
FACILITY	CATEGORY	FINDINGS
1061010-004 - WELL NO. 4	Source	Rust observed at above ground piping at well 4. Scrape and paint rusting piping at 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.

It is recommended to install air conditioning units in all of the well pump house buildings. It was noted the pump house buildings lacked any air conditioning to assist in the removal of humidity to help keep electrical components from excessive heat and moisture.

Written Response Required

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
8002707	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.

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

Attachments



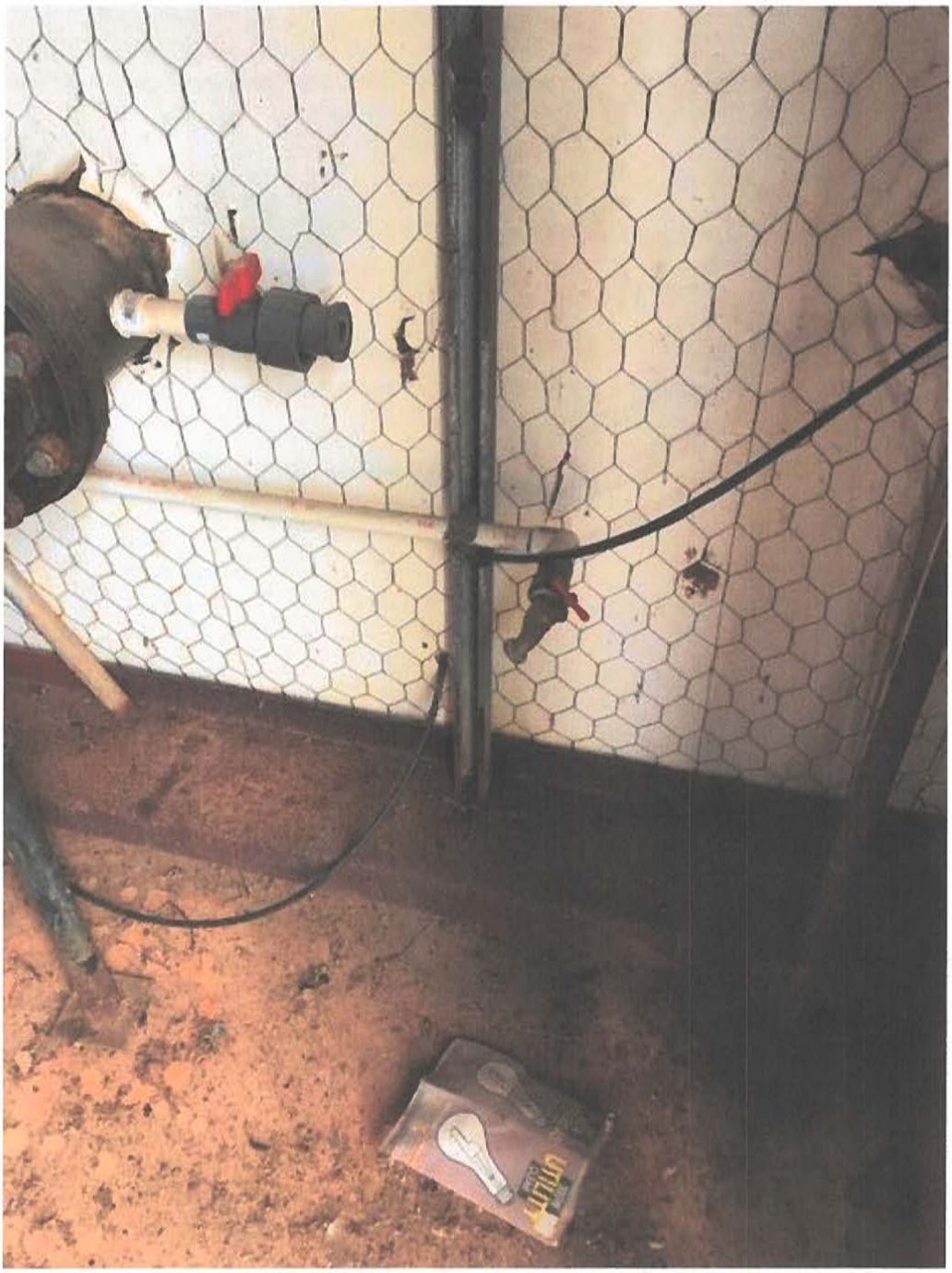
Attachment #1
Severity: Minor
Facility ID: ELEVATED
Category: Finished Water Storage
Attachment Comments: Elevate tank showing signs of rust on legs after only 3.5 years of a paint job.



Attachment #3
Severity: Significant
Category: Other
Attachment Comments: View of chlorine building in poor repair and is currently not in service.



Attachment #4
Severity: Significant
Facility ID: WELL NO. 2
Category: Source
Attachment Comments: Well vent screen at well 2



Attachment #5
Severity: Significant
Facility ID: WELL NO. 2
Category: Source
Attachment Comments: View of threaded hose bib in well house lacking a hose bib vacuum breaker



Attachment #6
Severity: Significant
Facility ID: WELL NO. 2
Category: Source
Attachment Comments: Views of rust occurring at piping components inside well house at well 2

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 1003

August 6, 2019

Mr. Ferrell Martin, President
MINERAL SPRINGS WATER SYSTEM
P.O. Box 218
Dubach, LA 71235

Re: Class I Sanitary Survey
MINERAL SPRINGS WATER SYSTEM Public Water System
PWS ID LA1061013
LINCOLN Parish

Dear Mr. Martin:

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 MINERAL 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
Stephen K Ray	OPH Region VIII Engineering
Clyde Aycock	Representative
Ferrell Martin	Mineral 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).

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
DS0950 - DISTRIBUTION SYSTEM	Distribution System	At the time of the inspection, it was noted the Mineral Springs Water System had adopted a cross connection control program, however the program has not yet been fully implemented. Continue the implementation of the cross connection control 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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to 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.

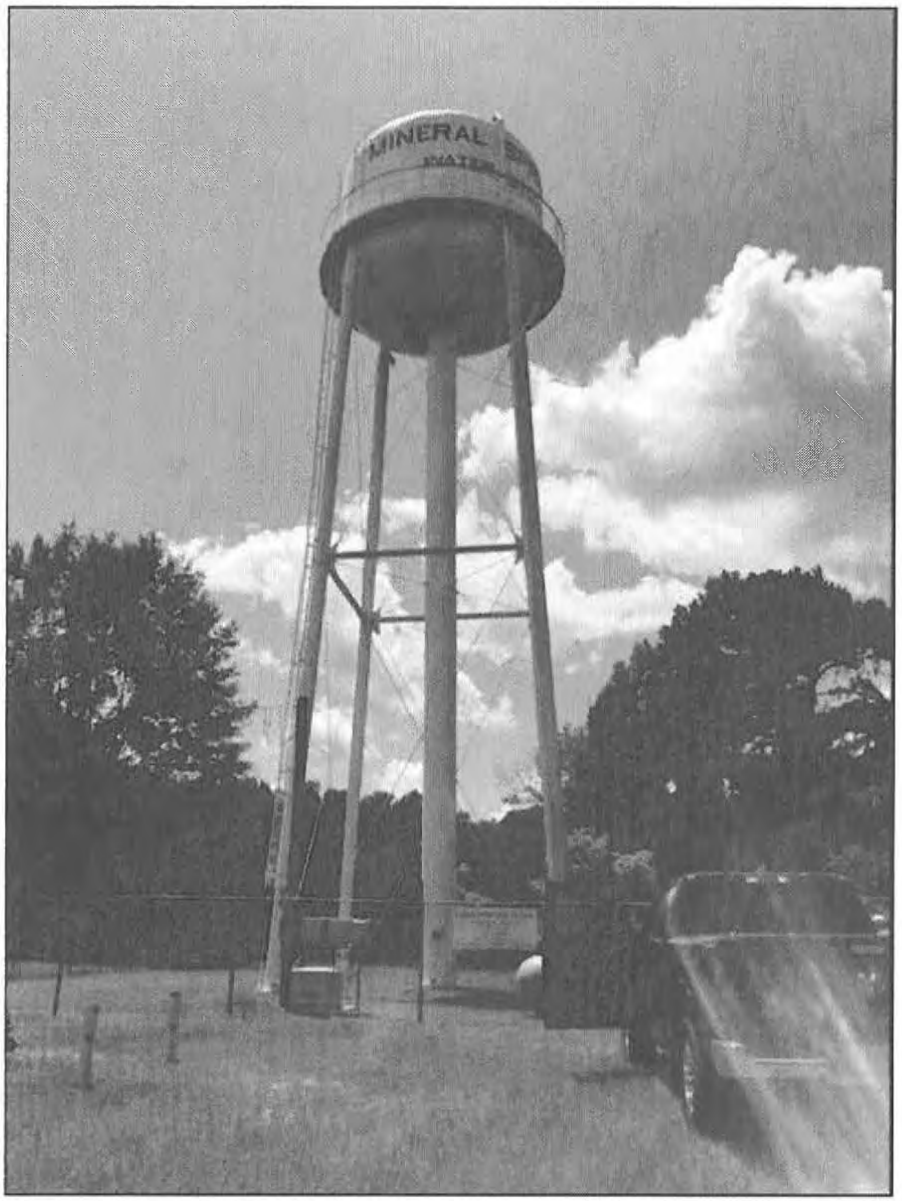
Respectfully,

Stephen K Ray, R.S.
Region 8 Sanitarian

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

Attachments

Attachments



Attachment #1

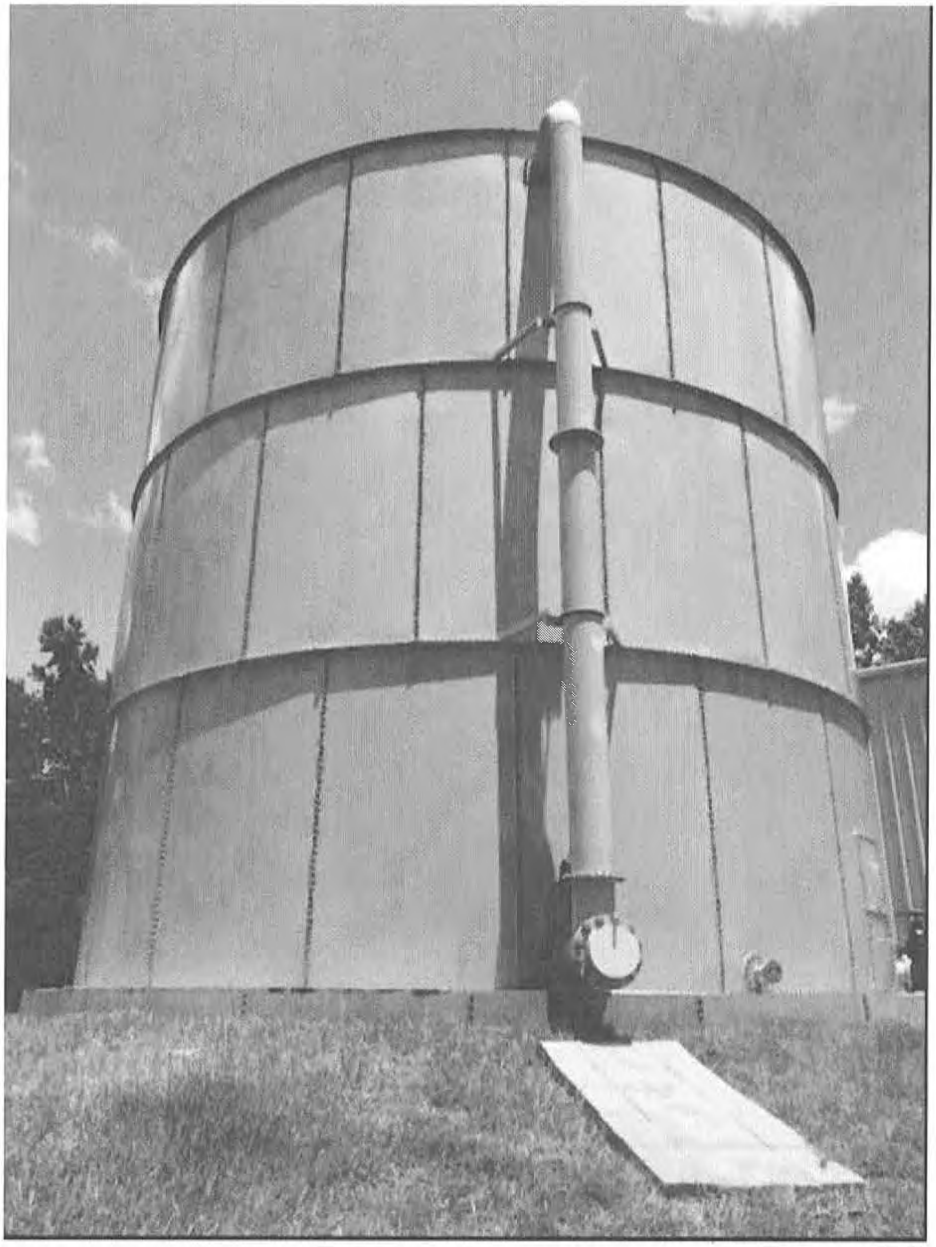
Severity: None

Facility ID: ELEVATED TANK

Category: Finished Water Storage

Attachment Comments: Elevated Storage Tank

Attachment #2



Severity: None

Facility ID: GROUND TANK

Category: Finished Water Storage

Attachment Comments: Ground Storage Tank



Attachment #3

Severity: None

Facility ID: WELL #3

Category: Source

Attachment Comments: Well 3



Attachment #4

Severity: None

Facility ID: WELLS 2 & 3 BLEND AT TANK

Category: Treatment

Attachment Comments: Chlorine Building

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

CERTIFIED MAIL: **7014 1820 0002 2150 9462**
April 8, 2019

Mr. Samuel Spearman, President
MT OLIVE WATERWORKS DISTRICT
P O Box 585
Grambling, LA 71245

Re: Class I Sanitary Survey
MT OLIVE WATERWORKS DISTRICT Public Water System
PWS ID LA1061014
LINCOLN Parish

Dear Mr. Spearman:

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 MT OLIVE 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
Stephen K Ray	OPH Region VIII Engineering
John Frazier	Mt Olive 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

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 is in receipt of the letter from the Mt Olive Water System that states the water system has acquired the services of a qualified person to perform a survey of the system identifying any potential customer(s) who may have the need of a back-flow prevention device or of any potential cross connection issues occurring in the system.

A log of the identified customers and the devices must be complied and maintained by the water system documenting the back-flow devices have been installed and inspected by qualified individuals on a schedule as the water system's cross connection control program requires.

Written Response Required

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.

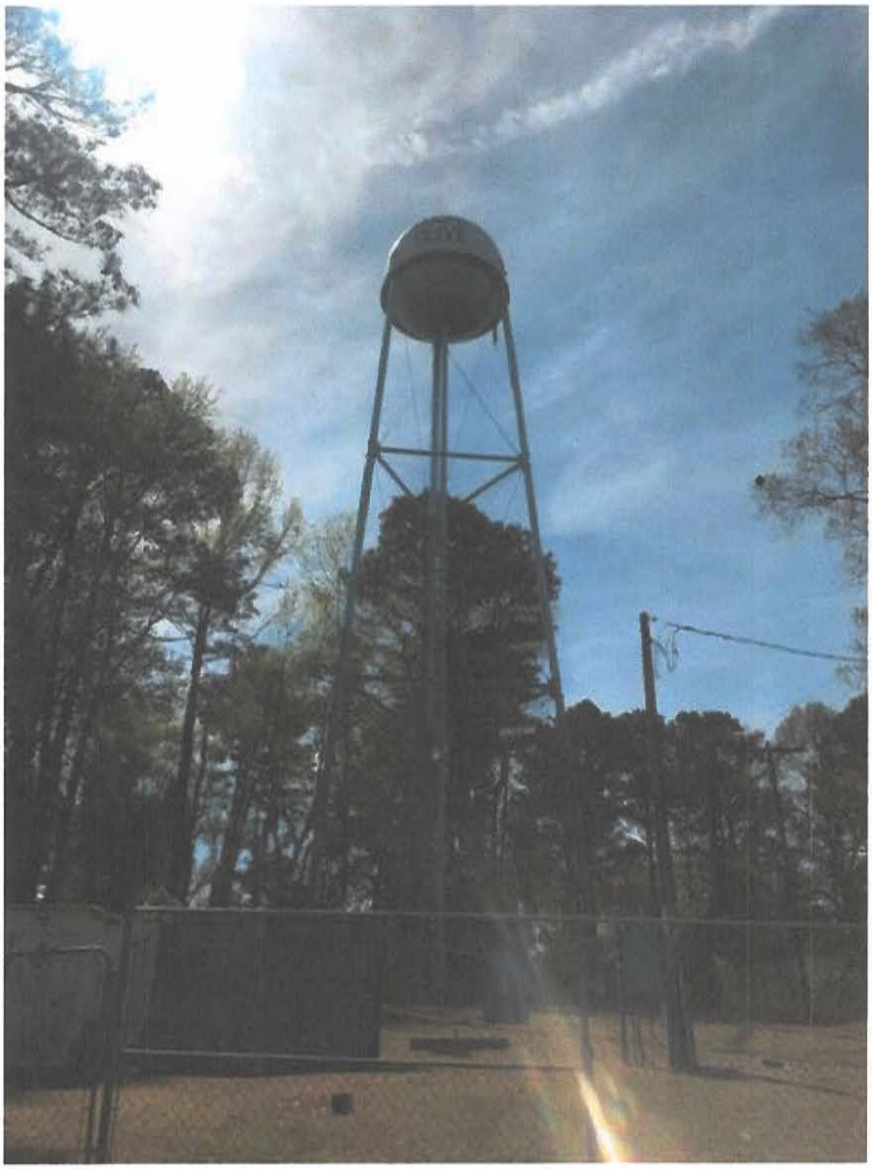
Respectfully,



Stephen K Ray, R.S.
Region 8 Sanitarian

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

Attachments



No violation were noted at the time of the inspection.

Attachment #1

Severity: None

Facility ID: ELEVATED TANK

Category: Finished Water Storage

Attachment Comments: No violation were noted at the time of the inspection.



Attachment #2

Severity: None

Facility ID: WELL #2

Category: Source

Attachment Comments: No violation were noted 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: 7018 1830 0001 0572 3215

October 11, 2019

Mike Martin
Mt Zion Water System
P O Box 283
Simsboro, LA 71275

Re: Class I Sanitary Survey
Mt Zion Water System Public Water System
PWS ID LA1061015
Lincoln Parish

Dear Mr. Martin:

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 Mt Zion 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	LDH-OPH Engineering Services
Chris Harris	Contract Operator
Jessica Walker	Secretary

NOTICE OF VIOLATIONS

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

The following list 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 is natural spring that runs at the rear of the property that has caused a gap in the fencing. The fence shall be modified to prevent the entrance of animals at this area (Photo No.1).
FACILITY	CATEGORY	FINDINGS
1061015-001 - WELL #1, MAY RD (NORTH)	Source	There is a leak present at the well casing that shall be repaired to prevent contamination (Photo No. 2).


Photo No. 1


Photo No. 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 must be corrected to avoid possible enforcement action by the U.S. EPA Region 6 and/or the LDH-OPH Enforcement Unit. Interim corrective actions shall be performed as necessary to prevent health hazards and nuisances. As stated above, written confirmation must be provided within 90 days of receipt of this letter of your actions with regard to this matter. Be advised that the GWR requires you to notify LDH within 30 days of completion of the corrective action.

Recommendations

The following observations made at the time of the inspection have the potential to 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 - HWY 544	Treatment	The chlorine cylinders are to be chained individually.



Photo No. 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 – 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 318-676-7837.

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: **7018 1830 0000 9275 2120**

October 30, 2019

Mayor Ronny Walker
RUSTON WATER SYSTEM
P.O. Box 2069
Ruston, LA 71273

Re: Class I Sanitary Survey
RUSTON WATER SYSTEM Public Water System
PWS ID LA1061017
LINCOLN Parish

Dear Mayor Walker:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 23, 2019 sanitary survey inspection of the public water supply system for RUSTON 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
Kirk Doss	City Of Ruston

NOTICE OF VIOLATIONS

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

The following list 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
1061017-005 - WELL NO. 5	Source	The well discharge piping is cracked and 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.

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

Violation Number	Violation Date	Violation Type	Compliance Period
8004834	10/07/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	09/01/2019 - 09/30/2019

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 318-676-7477.

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 2280 0000 0912 1046

November 26, 2019

Mike Scammahorn
RISER ROAD WATER SYSTEM
P.O. Box 2466
Ruston, LA 71273

Re: Class I Sanitary Survey
RISER ROAD WATER SYSTEM Public Water System
PWS ID LA1061021
LINCOLN Parish

Dear Mr. Scammahorn:

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 RISER ROAD 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
Allen Hanna	Riser Road Water System
Mike Scammahorn	Riser 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

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.
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 0942- Return Receipt Requested

November 27, 2019

Victor R. Hollis
Culbertson Water System
2794 Hwy 820
Choudrant, LA 71227

Re: Class I Sanitary Survey
Culbertson Water System
PWS ID LA1061024
Lincoln Parish

Dear Mr. Hollis:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the November 12, 2019 sanitary survey inspection of the public water supply system for Culbertson 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
Jackie Coats	Culbertson 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
11/09/2017	11/11/2017	Sanitary Survey, Finished	Minor	Source	1061024-001-WELL #1 (DUGDALE ROAD NORTH)
Comments: There was some corrosion on the piping at Well #1 at Dugdale Road. The corrosion shall be removed, and the well shall be protected from further physical damage and corrosion.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
11/09/2017	11/11/2017	Sanitary Survey, Finished	Minor	Source	1061024-003-WELL #3 (DUGDALE ROAD SOUTH)
Comments: There was some corrosion on the piping at Well #3 at Dugdale Road. The corrosion shall be removed, and the well shall be protected from further physical damage and corrosion.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	Due to erosion there was a hole forming next to the well slab at Well #3. The hole shall be filled to ensure the structural integrity of the well slab is maintained. **Attachment #5**
FACILITY	CATEGORY	FINDINGS
Management	Security	At the time of the inspection, the entire length at the back of the property of the security fence at the elevated tank was removed. The security fence shall be restored to its permitted state to protect the elevated tank site from unauthorized access.
FACILITY	CATEGORY	FINDINGS
Management	System Management and Operation	The generator at the Dugdale site was not working properly at the time of the inspection. The generator shall be brought back to working order.
FACILITY	CATEGORY	FINDINGS
1061024-001 - WELL #1 (DUGDALE ROAD NORTH)	Source	There seemed to be an old drawdown tube protruding from the well casing at the time of the inspection. The drawdown tube shall be sealed to prevent the entrance of contaminants into the well casing. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
1061024-002 - WELL #2 (HIGHWAY 151)	Source	There was a hole in the back of the electrical box and the well discharge piping was leaking at the time of the inspection. The hole in the electrical box shall be sealed and the leak on the discharge piping shall be repaired. **See Attachment #3 and #4**

Deficiencies

FACILITY	CATEGORY	FINDINGS
1061024-003 - WELL #3 (DUGDALE ROAD SOUTH)	Source	The air release valve was not equipped with a 24-mesh screen. A 24-mesh corrosion resistant screen shall be added. **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
TP003 - TP @ WELL #3	Treatment	The spare chlorine cylinders being stored inside the chlorine building were not chained. The cylinders should be individually chained to the walls to prevent upset.
FACILITY	CATEGORY	FINDINGS
TP002 - TP @ WELL #2	Treatment	The spare chlorine cylinders being stored inside the chlorine building were not chained. The cylinders should be individually chained to the walls 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 – 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

Violation Date	Sample Result	Maximum Contaminant Level		Analyte	Compliance Period
06/07/2019	0.098 MG/L	0.080	MG/L	TTHM	04/01/2019 - 06/30/2019
03/26/2019	0.098 MG/L	0.080	MG/L	TTHM	01/01/2019 - 03/31/2019
11/30/2018	0.096 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 318-676-5422.

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 (DUGDALE ROAD NORTH)

Category: Source

Attachment Comments: Open Drawdown Tube



Attachment #2

Severity: Minor

Facility ID: WELL #3 (DUGDALE ROAD SOUTH)

Category: Source

Attachment Comments: Screen on ARV is too big



Attachment #3

Severity: Significant

Facility ID: WELL #2 (HIGHWAY 151)

Category: Source

Attachment Comments: Leaking discharge pipe



Attachment #4

Severity: Significant

Facility ID: WELL #2 (HIGHWAY 151)

Category: Source

Attachment Comments: Hole in the back of the electrical box



Attachment #5

Severity: Significant

Category: Other

Attachment Comments: Hole forming next to the well slab at Well #3.

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 8419** – Return Receipt Requested

August 2, 2019

Donna Belcher
Hilly-Greenwood Water System
P O Box 1212
Ruston, LA 71273

Re: Class I Sanitary Survey
Hilly-Greenwood Water System Public Water System
PWS ID LA1061027
Lincoln Parish

Dear Mrs. Belcher:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the July 31, 2019 sanitary survey inspection of the public water supply system for Hilly-Greenwood 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
Donna Belcher	Hilly-Greenwood Water System
Shelby Kelley	Hilly-Greenwood 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
EL001 - EST #1	Finished Water Storage	Due to the height at which the elevated tank overflow terminated, it was unclear at the time of inspection if the overflow was properly screened. The elevated tank overflow must be screened with a 4 mesh corrosion resistant screen, terminate between 12 and 24 inches above the ground, and discharge over a splash pad or drainage structure.

Deficiencies

FACILITY	CATEGORY	FINDINGS
EL001 - EST #1	Finished Water Storage	The elevated tank overflow did not terminate between 12 and 24 inches above the ground surface, and it was unclear if the overflow was screened at the time of inspection due to the height. The elevated tank overflow must be brought down to an elevation between 12 and 24 inches above the ground surface and discharge over a splash pad or drainage structure that does not connect directly to a sewer or storm drain.
FACILITY	CATEGORY	FINDINGS
GR001 - GST #1	Finished Water Storage	The ground storage tank overflow pipe was not screened at the time of inspection. 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 @ MITCHUM ORCHARD SITE	Treatment	The chlorine vent fans and lights in the two chlorine building compartments were not functioning at the time of inspection. Repair or replace the fans and lights in the chlorine building.
FACILITY	CATEGORY	FINDINGS
1061027-001 - WELL #1	Source	At the time of inspection, the paint on the casing of Well No. 1 exhibited some rust and corrosion in some areas. The casing must be cleaned and painted to prevent damage or pitting. Please clean and paint the well casing with NSF 61 approved paint.
FACILITY	CATEGORY	FINDINGS
1061027-002 - WELL #2	Source	At the time of inspection, the check valve on Well No. 2 appeared to be malfunctioning. The well discharge piping must be equipped with a properly working check valve to prevent finished water from back-flowing into the well. The check valve must be inspected and repaired or replaced.
FACILITY	CATEGORY	FINDINGS
1061027-003 - WELL #3	Source	At the time of inspection, the flow meter on the Well No. 3 discharge piping was not functioning properly. The well discharge piping must be equipped with a means of measuring flow. Repair or replace the flow meter on the discharge piping of Well 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
TP001 - TP @ HIGHWAY 146 SITE	Treatment	Empty chlorine cylinders were being stored outside, next to the chlorine building. 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. Please move the chlorine bottles out of the sun and restrain them in place.
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 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

Attachments



Attachment No. 1 – Well No. 1 Casing Paint

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 7019 2280 0000 0912 1053

November 26, 2019

Harold Parker
LINCOLN PARISH WATERWORKS DISTRICT #2
P O Box 1941
Ruston, LA 71273

Re: Class I Sanitary Survey
LINCOLN PARISH WATERWORKS DISTRICT #2 Public Water System
PWS ID LA1061029
LINCOLN 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 November 14, 2019 sanitary survey inspection of the public water supply system for LINCOLN PARISH WATERWORKS 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
Clyde Aycock	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

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 .

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 0680 0001 2488 9374 – Return Receipt Requested

February 20, 2019

Wayne McNabb
Tremont Water District
2585 Martha St
Simsboro, LA 71275

Re: Class I Sanitary Survey
Tremont Water District Public Water System
PWS ID LA1061031
Lincoln Parish

Dear Mr. McNabb:

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 TREMONT 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
Scott Green	LDH OPH Engineering Region 8
Chris Harris	Lincoln WWD3 Tremont Mt Calm
Carol Justus	LDH OPH Engineering Region 8
Hilda Lee	Tremont Water District
Autumn Permenter	LDH OPH Engineering District 4

NOTICE OF VIOLATIONS

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

The following list 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
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

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	Piping in booster pump station showed signs of corrosion. The booster pump and 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)**

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 complaint log form once it is finalized. Feel free to contact this Office for assistance with the form.

``Written Response Required

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

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
229	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 318-361-7228.

Respectfully,

Scott Green, R.S.

Scott Green,
Sanitarian

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

Attachments:



Attachment # 1 – Booster Station

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 7788 – Return Receipt Requested

October 28, 2019

Kyle Green
Dubach Deer Factory Water System
308 North Vienna Street
Ruston, LA 71270

Re: Class I Sanitary Survey
Dubach Deer Factory Water System
PWS ID LA2061010
Lincoln 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 October 23, 2019 sanitary survey inspection of the public water supply system for Dubach Deer Factory 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
Clyde Aycock	Dubach Deer Factory WS
Tyler Lollis	LDH/OPH Engineering Services Region VIII
Jennifer Wade	Dubach Deer Factory 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	Security	At the time of inspection, there was a fence around the property, but no way of protecting the well from vandalism during hours of operation. All public water supply wells must be located inside a six foot climb resistant fence that is capable of being locked.
Facility	Category	Findings
DS0950 - Distribution System	Distribution System	A threaded sample tap was present in the room containing the bladder tank. 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, or install an atmospheric vacuum breaker to remove the possibility of backsiphonage. See attachment 1.
Facility	Category	Findings
DS0950 - Distribution System	Distribution System	At the time of inspection, the water system did not have a cross connection control plan in place to protect the water supply from potential contamination. Please have the system surveyed for potential cross connections, document any potential cross connections and have proper backflow devices installed to protect the water supply from contamination. All documentation for annual testing of these devices must be kept by the water system for sanitary survey visits. Please forward a copy of the cross connection control plan, and any testing reports for backflow devices that are currently installed or will be installed.
Facility	Category	Findings
2061010-001 - Well No. 1	Source	At the time of inspection, Well #1 had two different pathways for contamination present. The bolt holes on top of the casing had openings that weren't sealed and there were indentations in the top of the casing pipe that could introduce contamination into the source. Please seal all of these openings to ensure that there is no pathway for contamination into the well. See attachments 2 & 3.

Deficiencies

Facility	Category	Findings
Management	M&R and Data Verification	At the time of inspection, the system had free chlorine residuals documented but the values maxed out at 2.2 mg/L. Upon further investigation it was shown that the system was not utilizing the high range feature on their colorimeter. Please follow the sampling procedure put forth by the manufacturer for both low and high range readings. Please forward the next three months of chlorine residual records to this office.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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	At the time of inspection, the pump used to feed the hypochlorite solution was not secured in place. Please secure the pump to keep it from falling and possibly interrupting the disinfection for the water supply. 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
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.

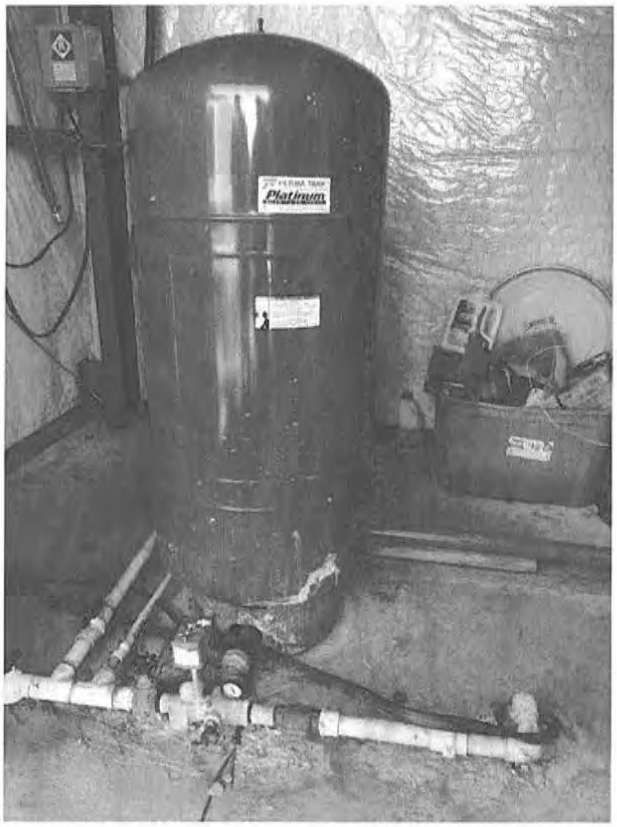
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 318-361-7246 or by email at Rory.Dobbs@LA.Gov.

Respectfully,

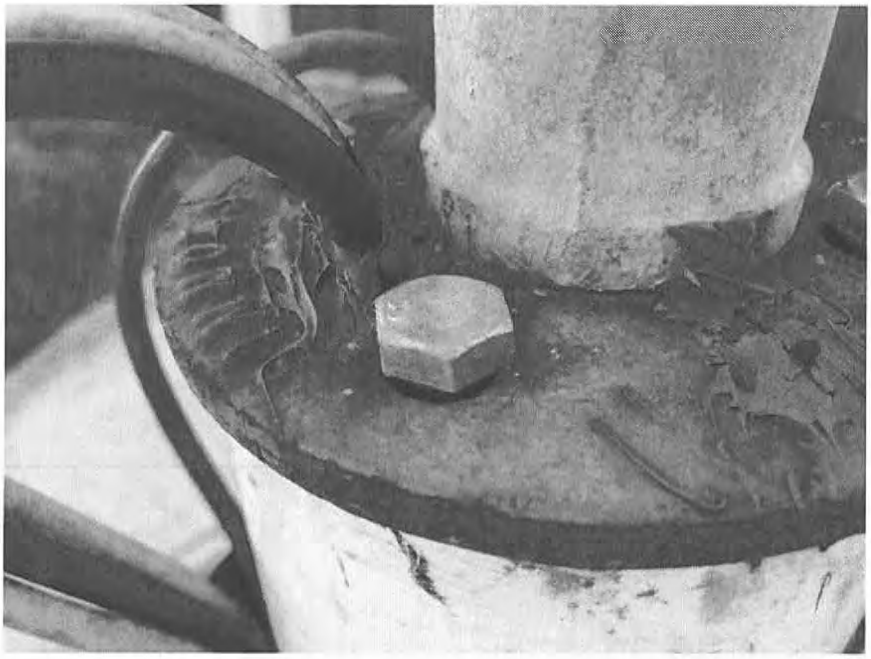
Rory Dobbs,
Engineer Intern II

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

Attachments:



Attachment 1: Threaded tap in bladder tank building.



Attachment 2: Bolt holes not sealed on Well #1.



Attachment 3: Casing pipe indentations on Well #1.



Attachment 4: Chemical feed pump not mounted.

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 1475

October 7, 2019

Sid Kinchen
FOURTH WARD WATER WORKS
P.O. Box 623
Albany, LA 70711

Re: Class I Sanitary Survey
FOURTH WARD WATER WORKS Public Water System
PWS ID LA1063005
LIVINGSTON Parish

Dear Mr. Kinchen:

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 FOURTH WARD 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
Derek Overland	Forth Ward 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

Visit Date	Notify Date	Reason	Severity	Category	Facility
11/03/2017	11/06/2017	Sanitary Survey, Finished	Minor	Source	1063005-001-NORTH WELL (4TH WARD WWKS)
Comments: It was noted algae was built up around wellhead area caused by the pump lubricant water. Please clean it up.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
Management	Other	The check valve at the north well was slightly leaking at the time of 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. The leak must be repaired as soon as possible. **See Attachment #1**
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.

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. At the time of the inspection, not all gaseous chlorine cylinders were equipped with automatic switchover and scales. It is recommended to install automatic switchover and provide weighing scales for all treatment plants utilizing chlorine gas.

2. 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.

3. The monitoring of phosphate was contracted to the chemical supplier and the system does not retain the record at the time of the inspection. It is recommended that the system operator be familiar with the dosage application of the chemicals and keep the operational data and monitoring data to ensure proper feed rate.

4. It was learned that the system was conducting well pumping test and tank inspection as recommended but not all the work was documented and some of the historical records were lost during the past floods. 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 in future.

Written Response Required

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 check valve at the north well was 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: 7005 1820 0002 1133 7084

October 30, 2019

David Mccreary
TOWN of LIVINGSTON WATER SYSTEM
P. O. Box 430
Livingston, LA 70754

Re: Class I Sanitary Survey
TOWN of LIVINGSTON WATER SYSTEM Public Water System
PWS ID LA1063013
LIVINGSTON Parish

Dear Mayor Mccreary:

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 LIVINGSTON 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 Region IX Engineering
Ronald Pope	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
11/29/2017	12/01/2017	Sanitary Survey, Finished	Minor	Source	1063013-003-WELL NO 3 (28809 DABNEY ST.)
Comments: A flow meter is required for the well discharge pipe.					

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 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 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.

4. Perform dosage calculation and set an appropriate chlorine feeding rate accordingly 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

Sample ID	Type	Date	Comment	Chlorine Residual	
				Free	Total
A1908535-004	Routine	9/23/2019		1.430	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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
9008258	10/08/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	09/01/2019 - 09/30/2019
9008257	09/17/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2019 - 08/31/2019
9008254	07/24/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	07/01/2019 - 07/31/2019
9008248	03/06/2019	LEAD CONSUMER NOTICE (LCR)	01/01/2016 - 12/31/2016
9008247	02/13/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	02/01/2019 - 02/28/2019
9008246	11/27/2018	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 985-543-4958.

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 7856

March 6, 2019

Eileen Mccarrol
TOWN of ALBANY WATER SYSTEM
P O Box 1000
Albany, LA 70711

Re: Class I Sanitary Survey
TOWN of ALBANY WATER SYSTEM Public Water System
PWS ID LA1063022
LIVINGSTON Parish

Dear Mccarrol:

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 TOWN of ALBANY 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 Region IX Engineering
Ben Thompson	Town Of Albany

NOTICE OF VIOLATIONS

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

The following list 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
05/21/2014	06/27/2014	Sanitary Survey, Finished	Minor	Finished Water Storage	EL001-ELEVATED TOWN HALL
Comments: The overflow is located at the top of the tank. The overflow which should be brought down to an elevation between 12 and 24 inches above the ground surface, should be screened, and discharge over a drainage inlet structure or a splash plate.					

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.

The water system did not perform pumping tests on all its wells routinely at the time of inspection. 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: 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
A1900398-003	Routine	1/10/2019		0.940	

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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 8389

May 3, 2019

Hobart Pardue
SPRINGFIELD MOBILE HOME PARK
PO Box 369
Springfield, LA 70462

Re: Class I Sanitary Survey
SPRINGFIELD MOBILE HOME PARK Public Water System
PWS ID LA1063035
LIVINGSTON Parish

Dear Mr. Pardue:

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 SPRINGFIELD 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 Engineering
Jennifer Dykes	LDH OPH Region IX Engineering
Angela Gomez	LDH OPH Region IX Engineering
Corey Harris	LDH OPH Region IX Engineering
Bill Mckinney	Springfield Mobile Home Park
Hobart Pardue	Springfield Mobile Home Park
Devan Pardue	Springfield 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	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
Management	Security	The well site was not located in a fenced area 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
Management	System Management and Operation	The existing well, disinfection system and storage tank were not approved by LDH at the time of inspection. 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. Please provide as built plans for the water system. The plans shall be signed, stamped and dated by a Louisiana professional engineer.
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	The system was not implementing a cross connection control program at the time of inspection. A cross-connection control program shall be developed and implemented by this system per LAC 51: XII.344.
FACILITY	CATEGORY	FINDINGS
TP001 - SPRINGFEILD MHP TP	Treatment	The disinfectant which was used for continuous disinfection of the water supply at the time of inspection was not an approved drinking water treatment 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. The system shall discontinue the use of the unapproved chemical and start to use disinfectant from an approved source. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
TP001 - SPRINGFEILD MHP TP	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 #3**
FACILITY	CATEGORY	FINDINGS
1063035-001 - SPRINGFIELD MHP WELL	Source	The shut off valve at the well site was leaking at the time of inspection, which shall be repaired as soon as possible. There shall be no pathway for contamination into the well casing and/or discharge piping per LAC 51: XII.319.7. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
1063035-001 - SPRINGFIELD MHP WELL	Source	The raw water tap at the well site was threaded 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.
FACILITY	CATEGORY	FINDINGS
1063035-001 - SPRINGFIELD TERRACE WELL	Source	The well head was located approximately 8 feet away from a parish ditch and 27 feet away from a parish lift station at the time of 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.
FACILITY	CATEGORY	FINDINGS
1063035-001 - SPRINGFIELD MHP WELL	Source	There was no secondary source of water at the time of inspection. 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	The system was not monitoring chlorine residual in the distribution. 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	There were not enough suitable taps provided for the total coliform routine compliance monitoring 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.
FACILITY	CATEGORY	FINDINGS
TP001 - SPRINGFEILD MHP TP	Treatment	A calibration tube or mass flow monitor was not installed at the time of inspection. Calibration tube shall be installed to monitor and adjust feeding rate per LAC 51: XII.209.D.2.d.
FACILITY	CATEGORY	FINDINGS
TP001 - SPRINGFEILD MHP TP	Treatment	The sodium hypochlorite tank was not stored out of the sunlight at the time of inspection. 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. **See Attachment #5**
FACILITY	CATEGORY	FINDINGS
TP001 - SPRINGFEILD MHP TP	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
1063035-001 - SPRINGFIELD MHP WELL	Source	One of the shut off valves at the well site was not capped at the time of inspection. Per LAC 51: XII.169.H.3.iii, the discharge piping shall be protected against entrance of contamination.

FACILITY	CATEGORY	FINDINGS
1063035-001 - SPRINGFIELD MHP WELL	Source	The well pump, discharge pipping and the storage tank were not properly supported at the time of inspection. The well construction shall be protected from physical damage as required by the state health officer per LAC 51:XII.169.E.8.d.
FACILITY	CATEGORY	FINDINGS
1063035-001 - SPRINGFIELD MHP 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.

FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC TANK	Finished Water Storage	It is recommended that the minimum storage capacity (or equivalent capacity) for systems not providing fire protection shall be equal to the average daily consumption per LAC 51:XII.225.C.2.
FACILITY	CATEGORY	FINDINGS
TP001 - SPRINGFEILD MHP TP	Treatment	It is recommended that the peristaltic feed pump operate at no lower than 20 percent of the feed range per LAC 51:XII.201.D.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 – 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: The well site was not located in a fenced area at the time of inspection.



Attachment #2

Severity: Significant

Facility ID: SPRINGFEILD MHP TP

Category: Treatment

Attachment Comments: The disinfectant in use was not approved type at the time of inspection.



Attachment #3

Severity: Significant

Facility ID: SPRINGFEILD MHP TP

Category: Treatment

Attachment Comments: The liquid disinfectant storage tank was not labeled to identifiy its contents at the time of inspection.



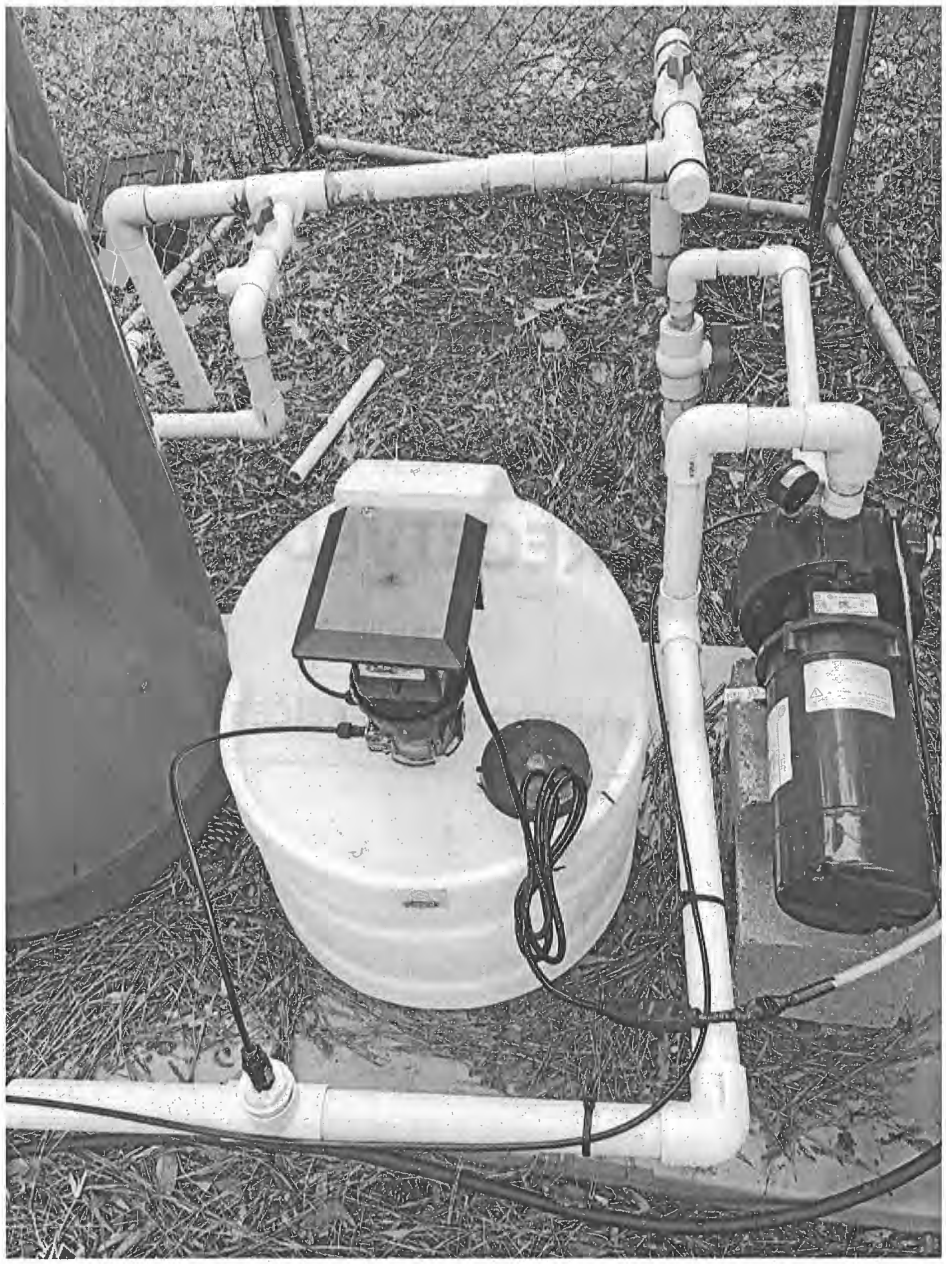
Attachment #4

Severity: Significant

Facility ID: SPRINGFIELD MHP WELL

Category: Source

Attachment Comments: The shut off valve was leaking at the time of inspection.



Attachment #5

Severity: Minor

Facility ID: SPRINGFEILD MHP TP

Category: Treatment

Attachment Comments: Disinfectant tank was not sited out of sunlight 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

March 29, 2019

Parrish Valega
DIVERSION WATER - TERRY HARBOR CAMPSITES
P.O. Box 569
Prairieville, LA 70769

Re: Class I Sanitary Survey
DIVERSION WATER - TERRY HARBOR CAMPSITES Public Water System
PWS ID LA1063036
LIVINGSTON Parish

Dear Mr. Valega:

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 DIVERSION WATER - TERRY HARBOR CAMPSITES (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Mike Koenig	Diversion Water Co, 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
12/30 /2014	12/30/ 2014	Sanitary Survey, Finished	Minor	Treatment	TP001-WELL 001 TREATMENT PLANT
Comments: No liquid level indicator exists at chemical storage tank. There is no overflow and receiving basin for the chemical storage tank. Liquid level indicator and receiving basin for the storage tank are required at the treatment plant.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP003 - WELL 003 TREATMENT PLANT	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.
FACILITY	CATEGORY	FINDINGS
TP001 - WELL 001 TREATMENT PLANT	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**
FACILITY	CATEGORY	FINDINGS
TP003 - WELL 003 TREATMENT PLANT	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**
FACILITY	CATEGORY	FINDINGS
TP001 - WELL 001 TREATMENT PLANT	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.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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: WELL 001 TREATMENT PLANT

Category: Treatment

Attachment Comments: The Sodium Hypochlorite tank must be properly labeled, be equipped with a scale on the side of the tank to measure the quantity of chemical being used and the chemical feed pump must be equipped with a calibration column.



Attachment #2

Severity: Minor

Facility ID: WELL 003 TREATMENT PLANT

Category: Treatment

Attachment Comments: The Sodium Hypochlorite tank must be properly labeled, equipped the a scale on the side of the tank to allow for the measurement of the quantity of chemical being used and the chemical feed pump must be equipped with a calibration column for direct physical checking of the actual feed rates.

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 8235

June 3, 2019

Janet Fletcher
JIMS TRAILER PARK
29906 La Hwy 22 #48
Springfield, LA 70462

Re: Class I Sanitary Survey
JIMS TRAILER PARK Public Water System
PWS ID LA1063076
LIVINGSTON Parish

Dear Ms. Fletcher:

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 JIMS 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
Eric Brown	LDH-OPH Region IX Engineer
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
HD001 - HYDROPNEUMATIC	Finished Water Storage	The hydropneumatic storage tank showed signs of moderate rusting at the time of inspection. Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both per LAC 51:XII.225.S. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
TP001 - TREATMENT PLANT	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:XII.203.I.4. **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: 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



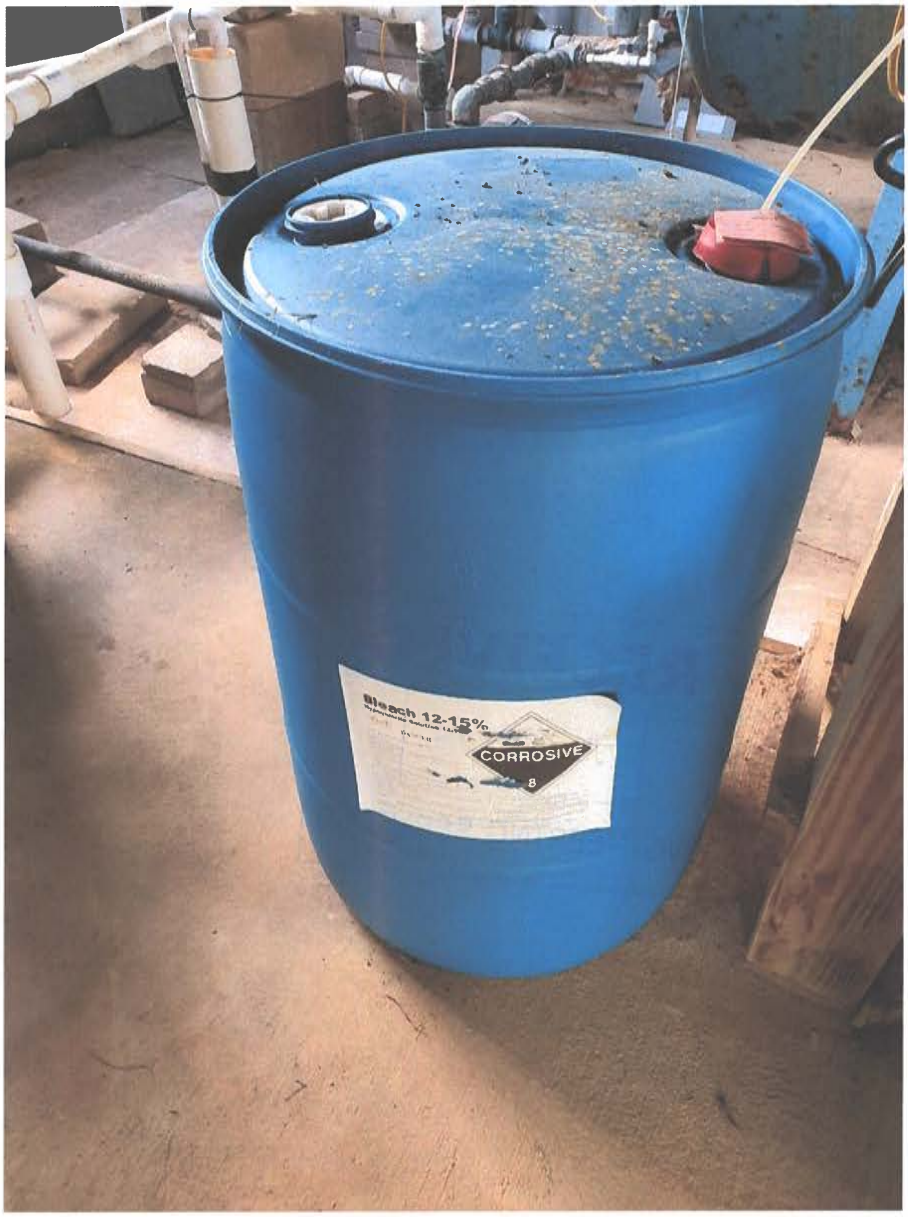
Attachment #1

Severity: Minor

Facility ID: HYDROPNEUMATIC

Category: Finished Water Storage

Attachment Comments: The hydropneumatic storage tank showed signs of moderate rusting at the time of inspection. Proper protection shall be given to metal surfaces by paints or other protective coatings, by cathodic protective devices, or by both per LAC 51:XII.225.S.



Attachment #2

Severity: Minor

Facility ID: TREATMENT PLANT

Category: Treatment

Attachment Comments: 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:XII.203.I.4.

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 7560

August 6, 2019

W. E. Edrington, III
FSWC – JUSTIN HEIGHTS
P O Box 66396
Baton Rouge, LA 70896

Re: Class I Sanitary Survey
FSWC – JUSTIN HEIGHTS Public Water System
PWS ID LA1063101
LIVINGSTON 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 July 24, 2019 sanitary survey inspection of the public water supply system for FSWC – JUSTIN 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
Eric Brown	LDH-OPH Region IX Engineer
John Mixon	French Settlement Water Company
Shameka Sampson	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
Management	Security	There was a hole in the fence 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.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.

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.

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
9002305	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: There was a hole in the fence 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: 7005 1820 0002 1133 7060

October 30, 2019

Parrish Valega
DIVERSION WATER - MONTROSE SUBDIVISION
P.O. Box 569
Prairieville, LA 70769

Re: Class I Sanitary Survey
DIVERSION WATER - MONTROSE SUBDIVISION Public Water System
PWS ID LA1063103
LIVINGSTON Parish

Dear Mr. Valega:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 23, 2019 sanitary survey inspection of the public water supply system for DIVERSION WATER - MONTROSE 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
Parrish Valega	Diversion 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

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 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. 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

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 7690

August 6, 2019

Parrish Valega
DIVERSION WATER- WATER FRONT WEST
P.O. Box 569
Prairieville, LA 70769

Re: Class I Sanitary Survey
DIVERSION WATER- WATER FRONT WEST Public Water System
PWS ID LA1063104
LIVINGSTON Parish

Dear Mr. Valega:

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 DIVERSION WATER- WATER FRONT WEST (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Parrish Valega	Diversion 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

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 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. Weekly monitoring of polyphosphate using Standard Methods 4500-P E/Hach Method 8190 (Acid Persulfate Digestion Method) is recommended at the POEs to ensure the chemical application (TMB 461) does not exceed the product's maximum usage limit or 10 mg/L as phosphate.

Written Response Required

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
A1813611-001	Routine	12/4/2018			1.000
A1810162-002	Routine	9/10/2018			1.740

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 985-543-4958.

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 317 58143

February 13, 2019

Daniel Lemoine
RIVERSCAPE @ CLIO SUBDIVISION
P O Box 790
Denham Springs, LA 70727

Re: Class I Sanitary Survey
RIVERSCAPE @ CLIO SUBDIVISION Public Water System
PWS ID LA1063106
LIVINGSTON Parish

Dear Mr. Lemoine:

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 RIVERSCAPE @ CLIO 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
Chad Fagan	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

Visit Date	Notify Date	Reason	Severity	Category	Facility
06/26/2014	07/03/2014	Sanitary Survey, Finished	Significant	Source	1063106-001-RIVERSCAPE @ CLIO WELL 001
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
06/26/2014	07/03/2014	Sanitary Survey, Finished	Significant	Source	1063106-001-RIVERSCAPE @ CLIO WELL 001
Comments: Improper support on well discharge line may lead to damage of the well discharge pipe and its appurtenances					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1063106-001 - RIVERSCAPE @ CLIO WELL 001	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
HD001 - RIVERSCAPE @ CLIO HYDROPNEUMTC TNK 001	Finished Water Storage	At the time of inspection, the sight glass installed on the hydropneumatic tank was not functioning. Please repair it. **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
TP001 - RIVERSCAPE @ CLIO SUBDIVISION	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:XII.203.I.4.b.

The significant deficiencies listed in the above table titled 'Significant Deficiencies' must be corrected and a written response submitted to the department within 90 days of the receipt of this letter. The response must summarize what actions you have taken to correct these items, and include all required documentation to support those actions. If additional time is required to correct 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 noticed during the survey that signs of corrosion were shown on the exterior surface of the hydropneumatic tank. LDH recommends the system inspect the interior of the hydropneumatic tank every five to ten years. The water system is practicing flushing activities on a need base; however, the flushing activities were not documented. It is strongly recommended that the water system develop a regular flushing program and implement accordingly.

Written Response Required

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
840	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.

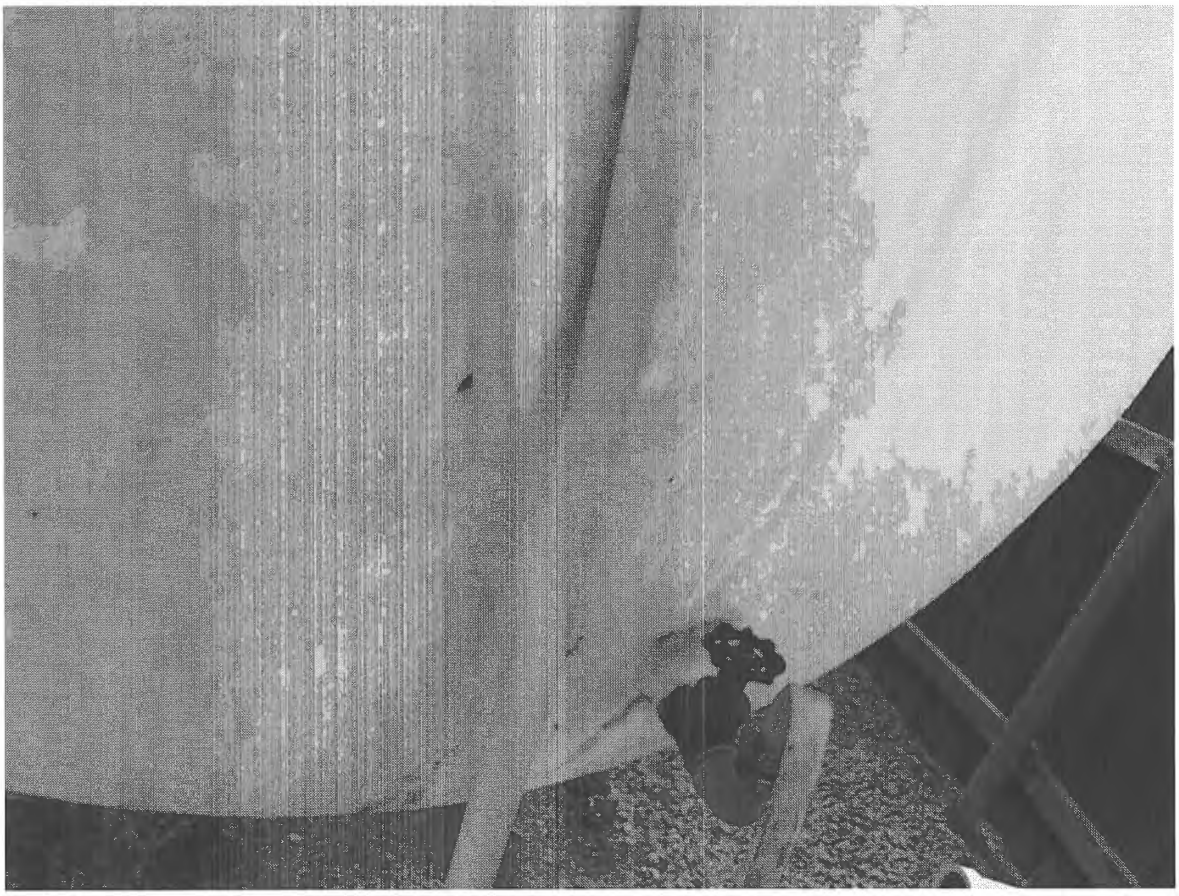
Respectfully,

Jie Gu

Jie Gu, P.E.
Region IX

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

Attachments



Attachment #1

Severity: Minor

Facility ID: RIVERSCAPE @ CLIO HYDROPNEUMTC TNK 001

Category: Finished Water Storage

Attachment Comments: Sight glass 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 1697

October 8, 2019

Daniel Lemoine
RIVERSCAPE @ CLIO SUBDIVISION
P O Box 790
Denham Springs, LA 70727

Re: Site Visit
RIVERSCAPE @ CLIO SUBDIVISION Public Water System
PWS ID LA1063106
LIVINGSTON Parish

Dear Mr. Lemoine:

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 inspection of the public water supply system for Riverscape @ Clio Subdivision (System). The intent of this visit was to investigate a recent complaint. This letter confirms and supplements items noted during the inspection.

Parties Present

Name	**Organization**
Eric Brown	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. Under the GWR and SWTR, significant deficiencies are defined to include a defect in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage or distribution system that LDH determines to be causing, or have potential for causing, the 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 peristaltic pump was vapor-locked and not delivering sodium hypochlorite at the time of inspection. Please ensure that the pump is operating as permitted. 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.

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

Written Response Required

Send written responses and confirmation regarding violations and recommendations to the office that conducted this inspection 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
846	09/30/2019	CHLORINE	

Maximum Contaminant 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	09/30/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	09/01/2019 - 09/30/2019
844	09/09/2019	FAILURE ADDRESS DEFICIENCY (GWR)	
843	08/28/2019	INADEQUATE MIN CHLORINE RESIDUAL(GW&SW)	08/01/2019 - 08/31/2019
842	08/15/2019	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

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 7706

August 6, 2019

Parrish Valega
DIVERSION WATER RIVER HIGHLANDS
P.O. Box 569
Prairieville, LA 70769

Re: Class I Sanitary Survey
DIVERSION WATER RIVER HIGHLANDS Public Water System
PWS ID LA1063109
LIVINGSTON Parish

Dear Mr. Valega:

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 DIVERSION WATER RIVER HIGHLANDS (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Parrish Valega	Diversion 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

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 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. Weekly monitoring of polyphosphate using Standard Methods 4500-P E/Hach Method 8190 (Acid Persulfate Digestion Method) is recommended at the POEs to ensure the chemical application (TMB 461) does not exceed the product's maximum usage limit or 10 mg/L as phosphate.

Written Response Required

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: 7015 3010 0000 4003 7546

August 6, 2019

W. E. Edrington, III
FSWC – SANDY RIDGE
P O Box 66396
Baton Rouge, LA 70896

Re: Class I Sanitary Survey
FSWC – SANDY RIDGE Public Water System
PWS ID LA1063110
LIVINGSTON 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 July 24, 2019 sanitary survey inspection of the public water supply system for FSWC – SANDY RIDGE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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 Mixon	French Settlement Water Company
Shameka Sampson	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
Management	Other	A valved-off, open pipe that was connected to the distribution system contained standing water at the time of inspection. The pipe shall be covered to prevent possible cross-contamination. 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.

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.

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

April 8, 2019

Parrish Valega
DIVERSION WATER - CHINQUAPIN
P.O. Box 569
Prairieville, LA 70769

Re: Class I Sanitary Survey
DIVERSION WATER - CHINQUAPIN Public Water System
PWS ID LA1063114
LIVINGSTON Parish

Dear Mr. Valega:

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 DIVERSION WATER - CHINQUAPIN (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Parrish Valega	Diversion 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

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - WELL 001 TREATMENT PLANT	Treatment	Title 51, Part XII, Chapter 1, Subchapter D, 187. A. 8. Testing equipment shall be provided for all plants. Where polyphosphate sequestration is practiced, appropriate phosphate testing equipment shall be provided that meets the requirements of 137.G of this Part. **See Attachment #2**
FACILITY	CATEGORY	FINDINGS
TP002 - WELL 002 TREATMENT PLANT	Treatment	Title 51, Part XII, Chapter 1, Subchapter D, 187. A. 8. Testing equipment shall be provided for all plants. Where polyphosphate sequestration is practiced, appropriate phosphate testing equipment shall be provided that meets the requirements of 137.G of this Part. **See Attachment #4**
FACILITY	CATEGORY	FINDINGS
TP001 - WELL 001 TREATMENT PLANT	Treatment	Title 51, Part XII, Chapter 2, Subchapter A. 203. I. 4. a. have a means to readily determine the volume of liquid retained in the storage tank
FACILITY	CATEGORY	FINDINGS
TP002 - WELL 002 TREATMENT PLANT	Treatment	Title 51, Part XII, Chapter 2, Subchapter A. 203. I. 4. a. in the storage tank; have a means to readily determine the volume of liquid retained.

FACILITY	CATEGORY	FINDINGS
TP001 - WELL 001 TREATMENT PLANT	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 #3**
FACILITY	CATEGORY	FINDINGS
TP002 - WELL 002 TREATMENT PLANT	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 #5**
FACILITY	CATEGORY	FINDINGS
1063114-002 - CHINQUAPIN NEW WELL-002	Source	Title 51, Part XII, Chapter 1, Subchapter C, 169. H. 3. a. iv. 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 #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.

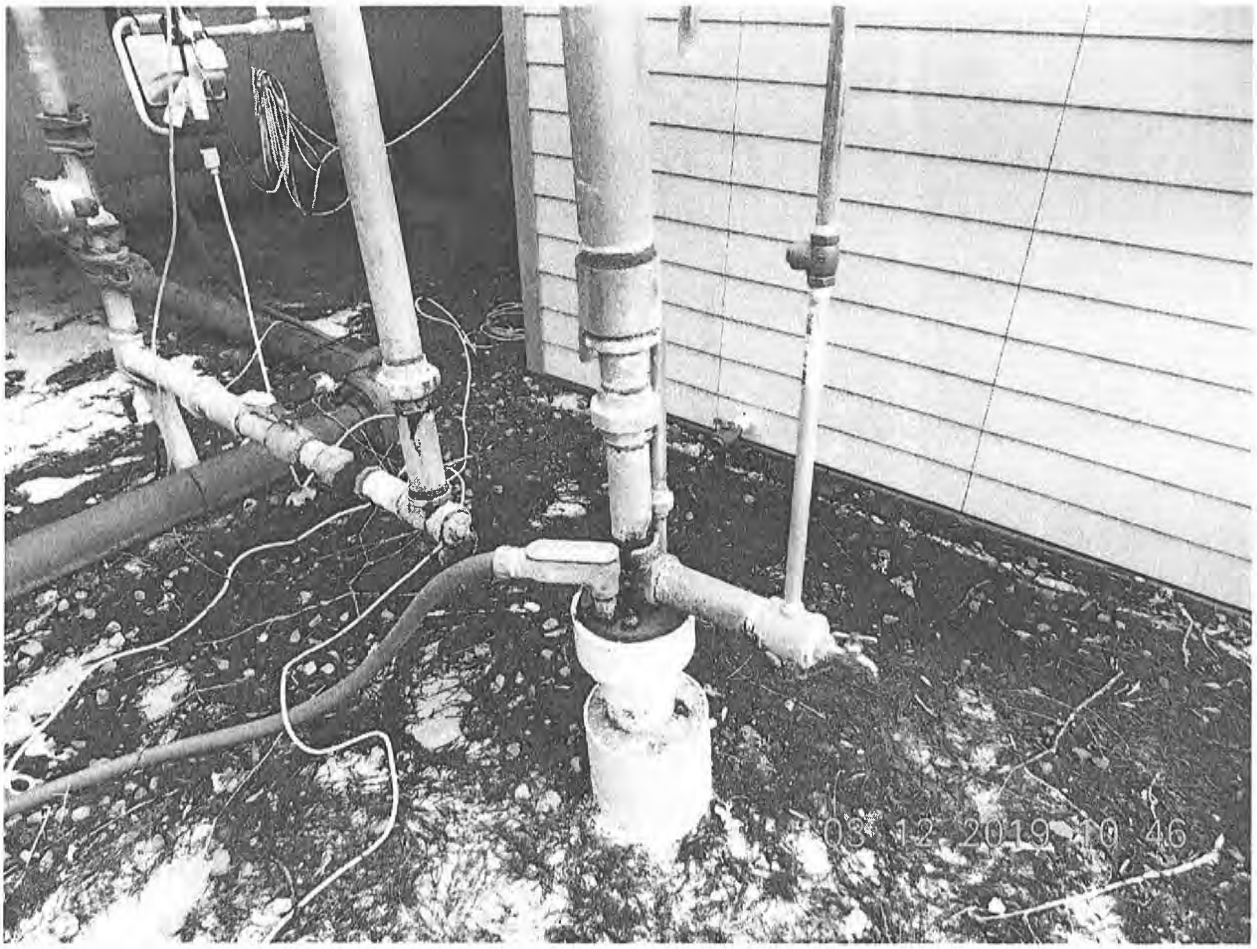
Your cooperation and prompt response is greatly appreciated. If you have any questions, or if we can be of further assistance, please contact me at 985-449-5007 ext. 345.

Respectfully,

David Boggs,
Engineer Intern
OPH – Region 3

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

Attachments



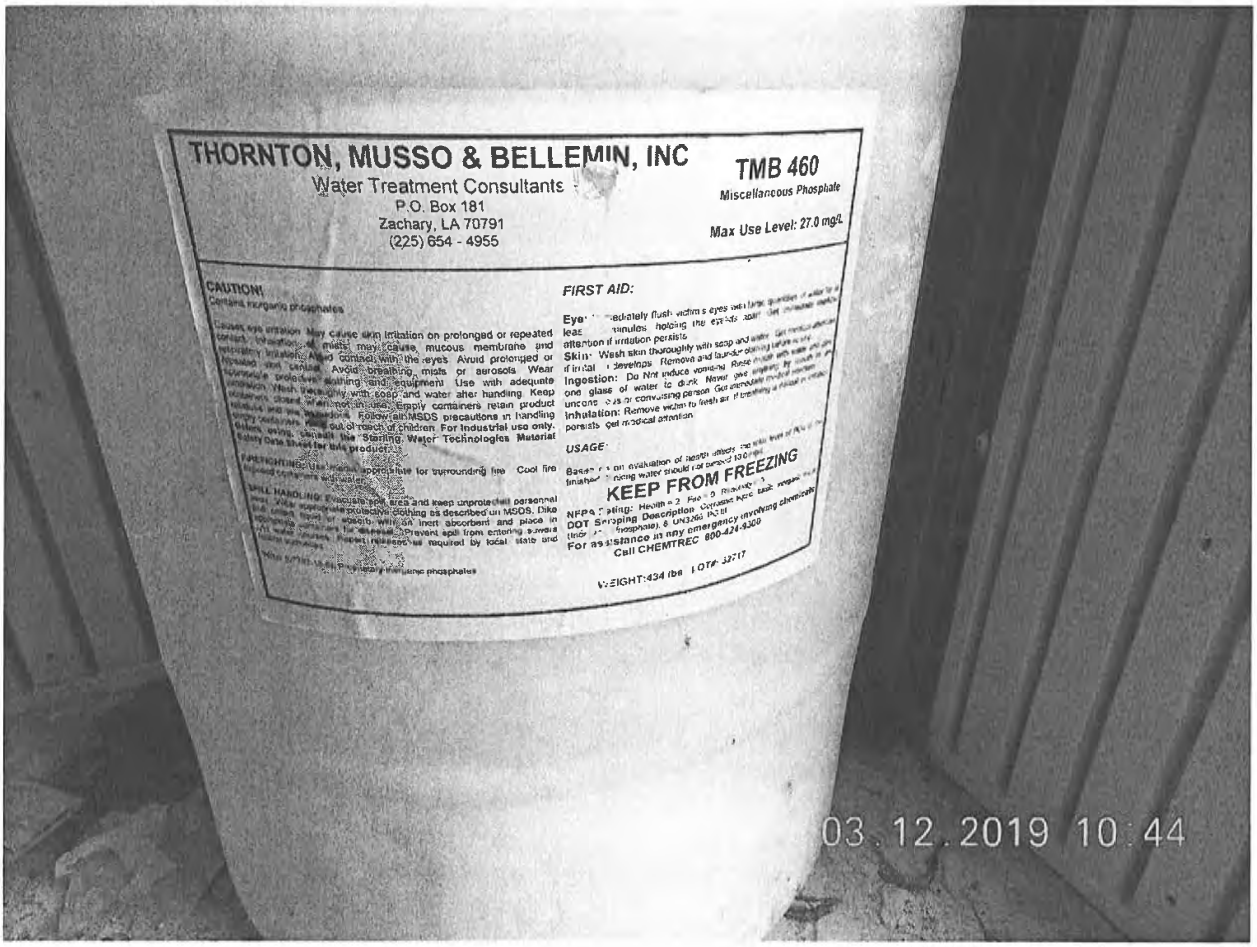
Attachment #1

Severity: Minor

Facility ID: CHINQUAPIN NEW WELL-002

Category: Source

Attachment Comments: The electric flowmeter was inoperable due to a dead battery.



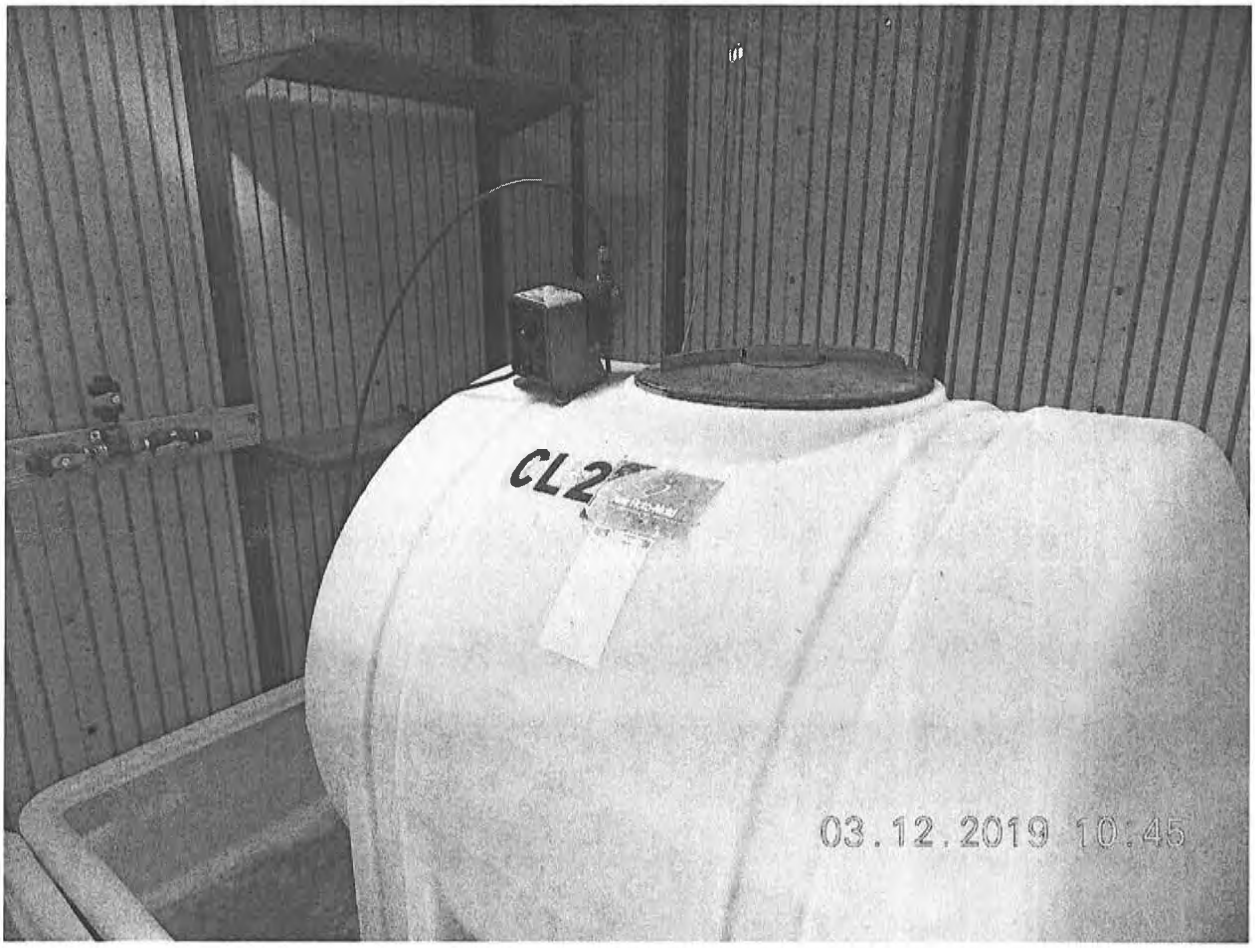
Attachment #2

Severity: Minor

Facility ID: WELL 001 TREATMENT PLANT

Category: Treatment

Attachment Comments: The use of polyphosphate for iron and manganese sequestration is a treatment process. There is no testing for phosphates.



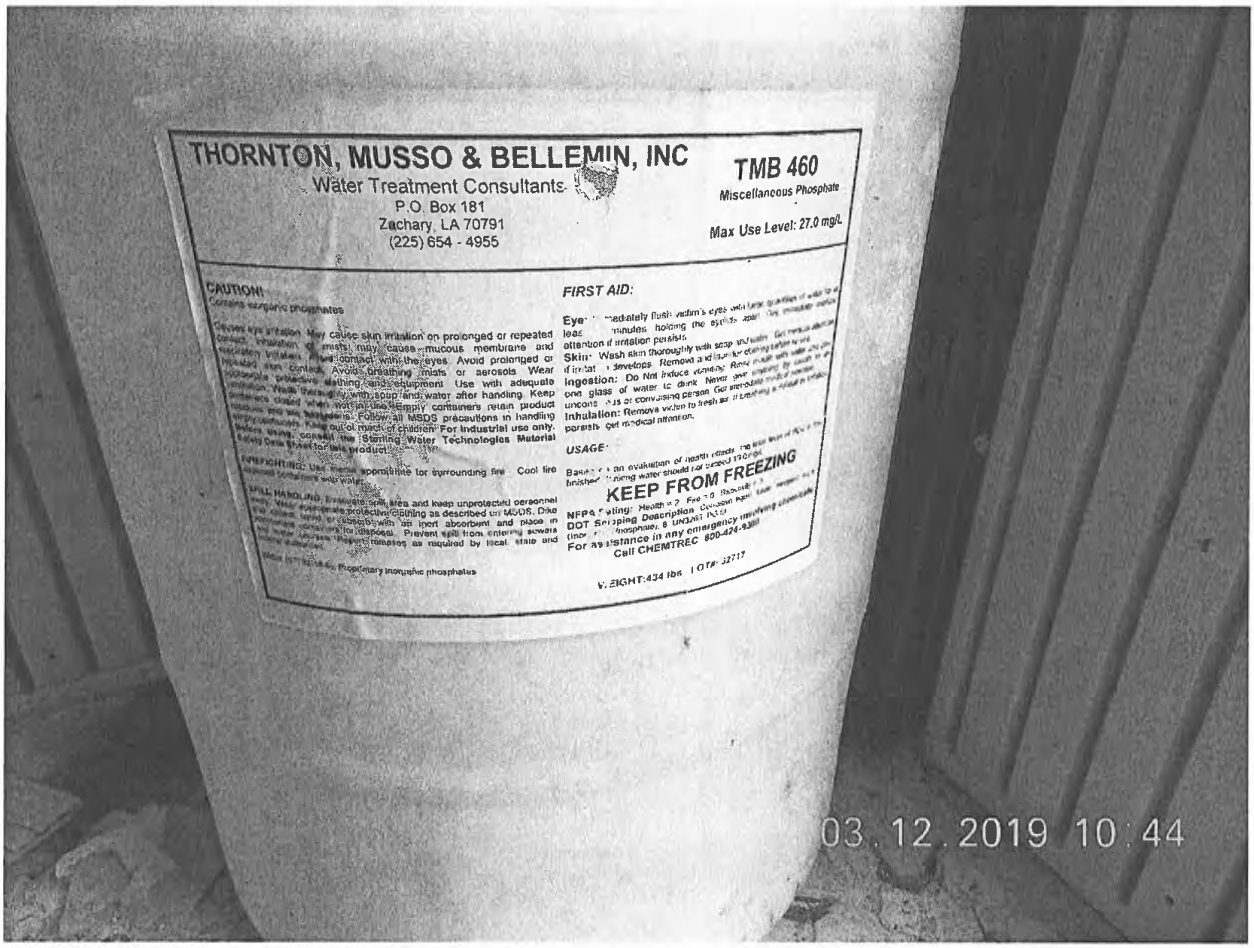
Attachment #3

Severity: Minor

Facility ID: WELL 001 TREATMENT PLANT

Category: Treatment

Attachment Comments: The Sodium Hypochlorite Tank does not have a calibration column for the chemical feed pump and the tank is not equipped with a scale on the side of the tank for measuring the daily chemical usage.



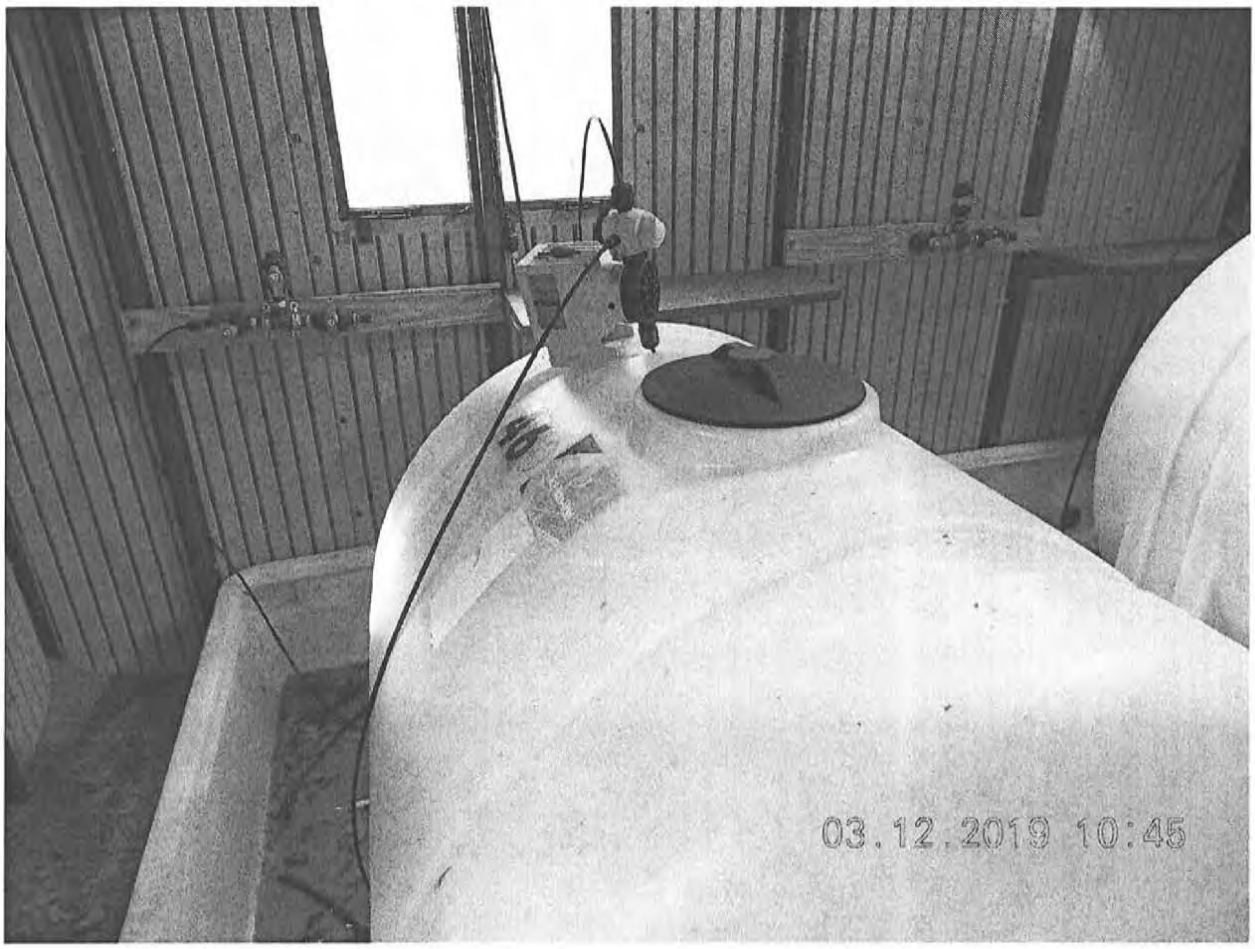
Attachment #4

Severity: Minor

Facility ID: WELL 002 TREATMENT PLANT

Category: Treatment

Attachment Comments: The sequestration of iron and manganese with polyphosphates must be monitored by testing for phosphates.



Attachment #5

Severity: Minor

Facility ID: WELL 002 TREATMENT PLANT

Category: Treatment

Attachment Comments: The Sodium Hypochlorite Tank does not have a calibration column on the chemical feed pump and the tank is not equipped with 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

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7015 3010 0000 4003 7713

August 6, 2019

Parrish Valega
DIVERSION WATER - OLD MILL SETTLEMENT
P.O. Box 569
Prairieville, LA 70769

Re: Class I Sanitary Survey
DIVERSION WATER - OLD MILL SETTLEMENT Public Water System
PWS ID LA1063115
LIVINGSTON Parish

Dear Mr. Valega:

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 DIVERSION WATER - OLD MILL SETTLEMENT (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Parrish Valega	Diversion 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

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 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. Weekly monitoring of polyphosphate using Standard Methods 4500-P E/Hach Method 8190 (Acid Persulfate Digestion Method) is recommended at the POEs to ensure the chemical application (TMB461) does not exceed the product's maximum usage limit or 10 mg/L as phosphate.

Written Response Required

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

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: 7005 1820 0002 1133 7077

October 30, 2019

Parrish Valega
DIVERSION WATER - CYPRESS POINT
P.O. Box 569
Prairieville, LA 70769

Re: Class I Sanitary Survey
DIVERSION WATER - CYPRESS POINT Public Water System
PWS ID LA1063118
LIVINGSTON Parish

Dear Mr. Valega:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the October 23, 2019 sanitary survey inspection of the public water supply system for DIVERSION WATER - CYPRESS POINT (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Parrish Valega	Diversion 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

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 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. 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

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 8273

February 18, 2019

Gillis Windham
CARTER PLANTATION
P O Box 1402
Springfield, LA 70462

Re: Class I Sanitary Survey
CARTER PLANTATION Public Water System
PWS ID LA1063119
LIVINGSTON Parish

Dear Mr. Windham:

The Department of Health would like to thank you and the site visit participants for the courtesy and assistance provided during the February 5, 2019 sanitary survey inspection of the public water supply system for CARTER PLANTATION (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Chad Fagan	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

Visit Date	Notify Date	Reason	Severity	Category	Facility
05/21/2014	05/29/2014	Sanitary Survey, Finished	Minor	Treatment	TP001-WELL 001 TREATMENT PLANT
Comments: The solution tanks of OP-179A and Hypochlorite did not have a liquid level indicator or a basin capable of receiving accidental spills or overflows. It is recommended that both be installed.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/21/2014	05/29/2014	Sanitary Survey, Finished	Minor	Treatment	TP001-WELL 001 TREATMENT PLANT
Comments: The solution tanks of OP-179A and Hypochlorite were not located within a protective curbing.					

Significant Deficiencies

FACILITY	CATEGORY	FINDINGS
1063119-001 - CARTER PLANTATION WELL 001	Source	At the time of inspection, there was algae growth around the wellhead. Per LAC 51:XII.319.D.7, all well appurtenances shall be maintained to prevent the introduction of contamination into the well casing. **See Attachment #1**

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - WELL 001 TREATMENT PLANT	Treatment	At time of inspection, POE sample tap was located on storage tank bypass piping. POE sample tap shall be located downstream of the storage tank prior to distribution. **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: 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.

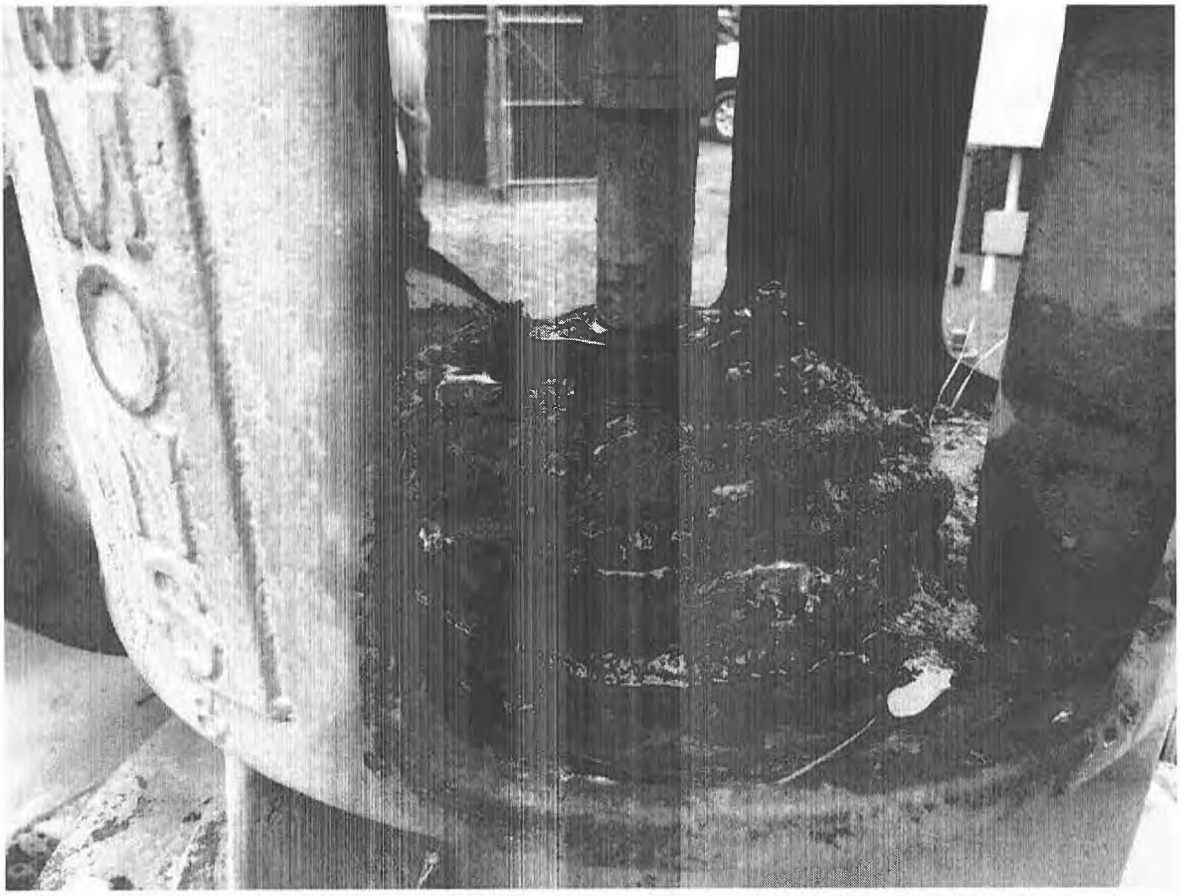
Respectfully,



Eric Brown,
Engineer Intern

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

Attachments



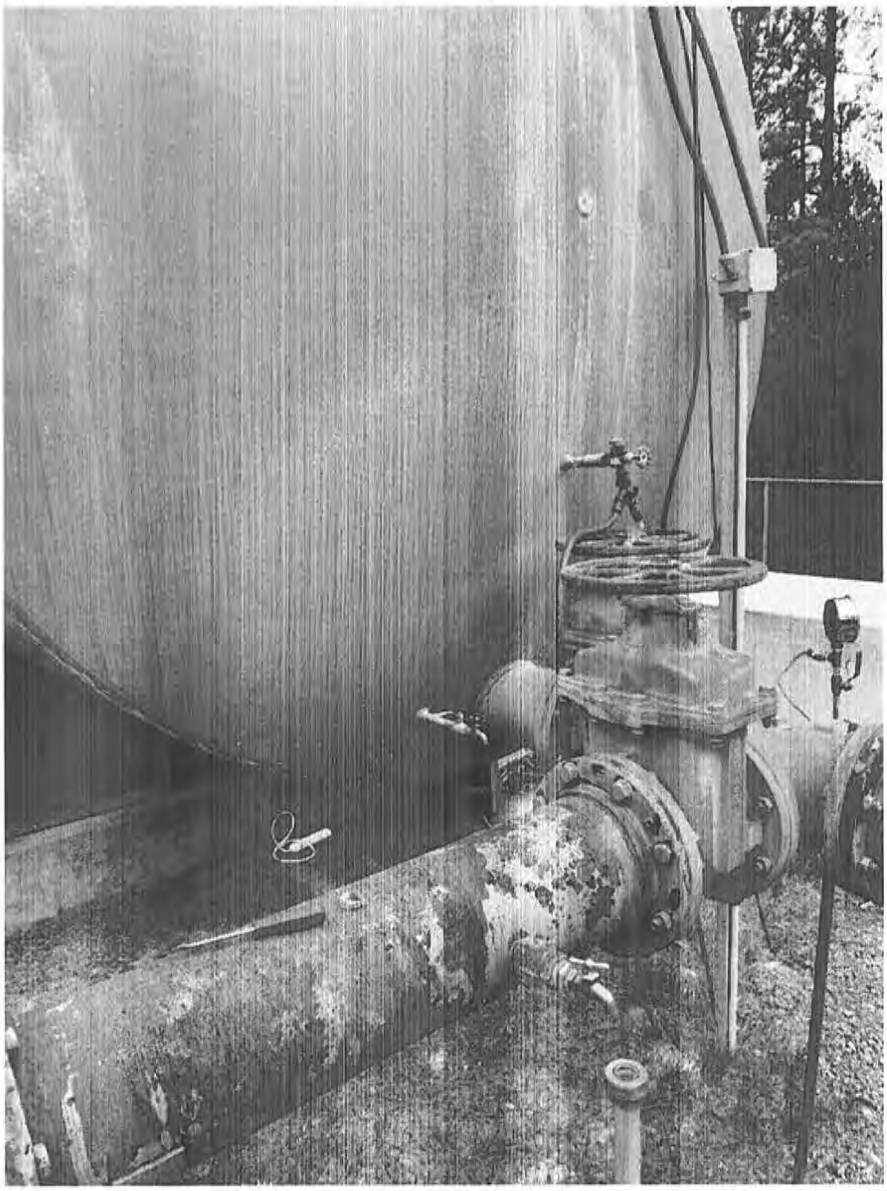
Attachment #1

Severity: Significant

Facility ID: CARTER PLANTATION WELL 001

Category: Source

Attachment Comments: Wellhead showed significant algae growth at time of inspection. Please clean to avoid possible source contamination.



Attachment #2

Severity: Minor

Facility ID: WELL 001 TREATMENT PLANT

Category: Treatment

Attachment Comments: At time of inspection, POE sample tap was located on storage tank bypass piping. POE sample tap shall be located downstream of the storage tank prior to distribution.

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 7553

August 6, 2019

W. E. Edrington, III
FSWC – STONEBRIDGE
P O Box 66396
Baton Rouge, LA 70896

Re: Class I Sanitary Survey
FSWC – STONEBRIDGE Public Water System
PWS ID LA1063121
LIVINGSTON 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 July 24, 2019 sanitary survey inspection of the public water supply system for FSWC – STONEBRIDGE (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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 Mixon	French Settlement Water Company
Shameka Sampson	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

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.

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: 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
23	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

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health
Office of Public Health

March 28, 2019

Parrish Valega
DIVERSION WATER - STONEHILL
P.O. Box 569
Prairieville, LA 70769

Re: Class I Sanitary Survey
DIVERSION WATER - STONEHILL Public Water System
PWS ID LA1063123
LIVINGSTON Parish

Dear Mr. Valega:

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 DIVERSION WATER - STONEHILL (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Mike Koenig	Diversion Water Co, 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
05/13/2013	05/21/2013	Sample collection	Minor	Treatment	TP001-STONEHILL SUBDIVISION WATER SUPPLY
Comments: A means which is consistent with the nature of the chemical stored shall be provided in a liquid storage tank to maintain the uniform chemical strength. Liquid storage tanks shall be kept covered. Large liquid tanks with access openings shall have such openings curbed and fitted with overhanging covers.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/13/2013	05/21/2013	Sanitary Survey, Finished	Minor	Treatment	TP001-STONEHILL SUBDIVISION WATER SUPPLY
Comments: A means which is consistent with the nature of the chemical stored shall be provided in a liquid storage tank to maintain the uniform chemical strength. Liquid storage tanks shall be kept covered. Large liquid tanks with access openings shall have such openings curbed and fitted with overhanging covers.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/13/2013	05/21/2013	Sample collection	Minor	Treatment	TP001-STONEHILL SUBDIVISION WATER SUPPLY
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.					
Visit Date	Notify Date	Reason	Severity	Category	Facility
05/13/2013	05/21/2013	Sanitary Survey, Finished	Minor	Treatment	TP001-STONEHILL SUBDIVISION WATER SUPPLY
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.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - STONEHILL SUBDIVISION WATER SUPPLY	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.
FACILITY	CATEGORY	FINDINGS
TP001 - STONEHILL SUBDIVISION WATER SUPPLY	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.
FACILITY	CATEGORY	FINDINGS
TP001 - STONEHILL SUBDIVISION WATER SUPPLY	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

No Positive Samples were reported in the past year.

Violation History

Monitoring Violations during the past year

No monitoring violations were reported in the past year.

Maximum Contaminant 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	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 985-449-5007 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: STONEHILL SUBDIVISION WATER SUPPLY

Category: Treatment

Attachment Comments: The Sodium Hypochlorite Tank must be properly labelled and equipped with calibration columns on the chemical feed pump and 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

Louisiana Department of Health

Office of Public Health

CERTIFIED MAIL: 7015 3010 0000 4003 7614

May 31, 2019

Randal Le Blanc
CARTHAGE BLUFF MARINA
P.O. Box 382
Livingston, LA 70754

Re: Class I Sanitary Survey
CARTHAGE BLUFF MARINA Public Water System
PWS ID LA1063125
LIVINGSTON Parish

Dear Mr. Le Blanc:

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 CARTHAGE BLUFF MARINA (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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
Wendy Montalbano	Independent 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
2063019-001 - CARTHAGE BLUFF 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.
FACILITY	CATEGORY	FINDINGS
2063019-001 - CARTHAGE BLUFF WELL	Source	There was a hole on the concrete slab around the wellhead at the time of the inspection. Per LAC 51: XII.319.7, 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
HD001 - STORAGE TANK	Finished Water Storage	At the time of the inspection, there was no sight glass, pressure gage, automated control to maintain the proper water to air ratio on the tank. 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.

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

Violation Number	Violation Date	Violation Type	Compliance Period
40	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 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: CARTHAGE BLUFF WELL

Category: Source

Attachment Comments: Damaged concrete slab

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 1702

February 14, 2019

Tim Welborn
CA INST of TECH - LIGO OBSERVATORY
P.O. Box 940
Livingston, LA 70754

Re: Class I Sanitary Survey
CA INST of TECH - LIGO OBSERVATORY Public Water System
PWS ID LA2063042
LIVINGSTON Parish

Dear Mr. Welborn:

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 CA INST of TECH - LIGO OBSERVATORY (System). The intent of these surveys are to evaluate the System's ability to produce and distribute safe drinking water in accordance with Safe Drinking Water Act (SDWA) requirements, including the SDWA's Ground Water Rule (GWR), 40 C.F.R. §§ 141.400-405 and Surface Water Treatment Rule (SWTR), 40 C.F.R. §§ 141.700-723 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	Gilbrides Aqua Services
Tim Welborn	Ca Inst. Of Tech-LIGO

NOTICE OF VIOLATIONS

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

The following list 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
04/23/2014	05/12/2014	Sanitary Survey, Finished	Minor	Treatment	TP001-LIGO WELL
Comments: The sodium hypochlorite storage container does not have a liquid level indicator or a receiving basin capable of receiving accidental spills or overflows. Both should be installed.					

Significant Deficiencies

No observations were recorded in this category.

Deficiencies

FACILITY	CATEGORY	FINDINGS
TP001 - LIGO WELL	Treatment	There is no secondary containment for chemical storage. **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.

FACILITY	CATEGORY	FINDINGS
2063042-002 - 2005 LIGO WELL	Source	The well vent is corroded and should be replaced. **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: 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 985-549-4953.

Respectfully,

Poppi W Crain, R.S.
Region 9 Sanitarian

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

Attachments



Attachment #1

Severity: Recommendations

Facility ID: 2005 LIGO WELL

Category: Source

Attachment Comments: LIGO Well Vent rusted



Attachment #2

Severity: Minor

Facility ID: LIGO WELL

Category: Treatment

Attachment Comments: LIGO - No secondary containment

John Bel Edwards
GOVERNOR

Rebekah E. Gee MD, MPH
SECRETARY

State of Louisiana

Department of Health

Office of Public Health

CERTIFIED MAIL: 70171000000031758303

April 11, 2019

Cody Westmoreland
TICKFAW STATE PARK
27225 Patterson Road
Springfield, LA 70462

Re: Class I Sanitary Survey
TICKFAW STATE PARK Public Water System
PWS ID LA2063043
LIVINGSTON Parish

Dear Mr. Westmoreland:

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 TICKFAW STATE 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
Jeffery Meadows	Tickfaw 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
MANAGEMENT	System Management and Operation	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. During the inspection a generator is 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.

Deficiencies

FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC 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 hydropneumatic tank showed signs of wear and mildew. The hydropneumatic tank shall be maintained to prevent any corrosion **See Attachment #1**
FACILITY	CATEGORY	FINDINGS
HD001 - HYDROPNEUMATIC TANK	Finished Water Storage	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. During the inspection the area around the tank site has high grass and weeds. The area around the tank shall be maintained. **See Attachment #2**

FACILITY	CATEGORY	FINDINGS
TP001 - TICKFAW ST. PK. 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 the max dosage of the applied chemical.

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

2. During the inspection the sample cells were stained. It is recommended that all sample cells be kept clean and free of scratches. Dirty or stained cells shall be cleaned in accordance with the user manual or 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 – 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

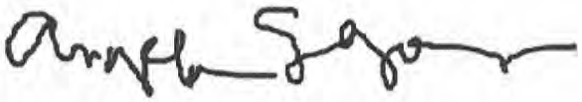
No maximum contaminant level violations were reported in the past year.

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: HYDROPNEUMATIC TANK

Category: Finished Water Storage

Attachment Comments: Signs of mildew has accumulated on the hydropneumatic tank.



Attachment #2

Severity: Minor

Facility ID: HYDROPNEUMATIC TANK

Category: Finished Water Storage

Attachment Comments: Grass and weeds are not maintained at the hydropneumatic tank.