



CITY OF BOSSIER CITY

Department of Public Utilities – Water Treatment Division – LA1015004

Date: February 6, 2018

To: Sean Nolan
Safe Drinking Water Program
Louisiana Department of Health
P.O. Box 4489
Baton Rouge, LA 70821-4489

Re: Lead and Copper Rule
Improving Transparency and Public Information

Dear Mr. Nolan,

A letter was sent from your department on July 13, 2016 to the City of Bossier City on the topic of the above subject matter. Listed below is a status update of your request.

The following statement was posted on the Bossier City's Website, under the Department of Public Utilities, Water Treatment section. It can be accessed directly at <http://bossiercity.org/214/Water-Treatment-Division> in compliance with your request.

"Based on data obtained during a materials inventory investigation and sample site certification of Bossier City's distribution system water line composition that was concluded in 2004 after collecting and testing water samples for the presence of lead in our drinking water, as well as conducting surveys with area plumbers and local regulatory agencies, the City of Bossier has no records or results indicating that there are any lines within our water system containing lead."

The attachment to this correspondence verifies the validity of the above statement. If you should have any questions or need further information on the aforementioned subject, do not hesitate to contact me at (318) 741-8370.

Sincerely,

Jeremiah Williams,
Water Plant Superintendent
City of Bossier Public Utilities Department

Attachments

SAMPLE SITE IDENTIFICATION AND CERTIFICATIONSystem's Name: City of Bossier City Water Plant Type: ☒ CWS ☐ NTNCWS

Address:

Bossier Water Plant
PO Box 5337
Bossier City LA 71171

Size:

- ☐ >100,000
☒ 10,001 to 100,000
☐ 3,301 to 10,000
☐ 501 to 3,300
☐ 101 to 500
☐ ≤100

Telephone number: 318 741 8370System ID #: LA 1015004Contact Person: Jim Barnett Superintendent**CERTIFICATION OF SAMPLING SITES****LEAD SOLDER SITES**

of single-family structures with copper pipes with lead solder installed after 1982 or lead pipes and/or lead service lines (Tier 1)

307SRF82

of multi-family structures with copper pipes with lead solder installed after 1982 or lead pipes and/or lead service lines (Tier 1)

of buildings containing copper pipes with lead solder installed after 1982 or lead pipes and/or lead service lines (Tier 2)

of sites that contain copper pipes with lead solder installed before 1983 (to be used only if first condition has been exhausted) (Tier 3)

TOTAL

307SRF82

The following sources have been explored to determine the number of structures which have interior lead pipe or copper pipe with lead solder.

- ☒ Plumbing and/or building codes
☒ Plumbing and/or building permits
☒ Contacts within the building department, municipal clerk's office, or state regulatory agencies for historical documentation of the service area development
☒ Water Quality Data

Other Resources Which PWS May Utilize

- ☒ Interviews with building inspectors
☒ Survey of service area plumbers about when and where lead solder was used from 1982 to present
☒ Survey residents in sections of the service area where lead pipe and/or copper pipe with lead solder is suspected to exist
☐ Interviews with local contractors and developers

Explanation of Tier 2 and Tier 3 sites (attach additional pages if necessary)

SAMPLE SITE IDENTIFICATION AND CERTIFICATION**CERTIFICATION OF SAMPLING SITES****LEAD SERVICE LINE SITES**

of samples required to be drawn from lead service line sites

15

of samples actually drawn from lead service line sites

0

Difference (explain differences other than zero)

15

The following sources have been explored to determine the number of lead service lines in the distribution system.

- ☒ Distribution system maps and record drawings
- ☒ Information collected for the presence of lead and copper as required under §141.42 of the Code of Federal Regulations
- ☒ Capital improvement plans and/or master plans for distribution system development
- ☒ Current and historical standard operating procedures and/or operation and maintenance (O&M) manuals for the type of materials used for service connections
- ☒ Utility records including meter installation records, customer complaint investigations and all historical documentation which indicate and/or confirm the location of lead service connections
- ☒ Existing water quality data for indications of 'troubled areas'

Other Sources Which PWS Utilized

- ☒ Interviews with senior personnel
- ☒ Conduct service line sampling where lead service lines are suspected to exist but their presence is not confirmed
- ☒ Review of permit files
- ☒ Community survey
- ☒ Review of USGS maps and records
- ☒ Interviews with pipe suppliers, contractors, and/or developers

Explanation of fewer than 50% LSL sites identified (attach additional pages if necessary):

ALL LSL HAVE BEEN REPLACED WITH COMPLETION OF AUD PROJECT #B89MC-22-0009

CERTIFICATION OF COLLECTION METHODS

I certify that:

Each first draw tap sample for lead and copper is one liter in volume and has stood motionless in the plumbing system of each sampling site for at least six hours.

Each first draw sample collected from a single-family residence has been collected from the cold water kitchen tap or bathroom sink tap.

Each first draw sample collected from a non-residential building has been collected at an interior tap from which water is typically drawn for consumption.

Each first-draw sample collected during an annual or triennial monitoring period has been collected in the months of June, July, August or September.

Each resident who volunteered to collect tap water samples from his or her home has been properly instructed by [insert water system's name] CITY OF BOSSIER CITY WATER PLANT in the proper methods for collecting lead and copper samples. I do not challenge the accuracy of those sampling results. Enclosed is a copy of the material distributed to residents explaining the proper collection methods, and a list of the residents who performed sampling.

SAMPLE SITE IDENTIFICATION AND CERTIFICATION

RESULTS OF MONITORING

THE RESULTS OF LEAD AND COPPER TAP WATER SAMPLES MUST BE ATTACHED TO THIS DOCUMENT

of samples required 30 # of samples submitted 30 90th Percentile Pb _____
90th Percentile Cu _____

THE RESULTS OF WATER QUALITY PARAMETER SAMPLES MUST BE ATTACHED TO THIS DOCUMENT

of samples required 7 # of tap samples submitted 7
of entry point samples required 1 # of entry point samples submitted 1

CHANGE OF SAMPLING SITES

Original site address:

New site address:

Distance between sites (approximately):

Targeting Criteria: NEW:

OLD:

Reason for change (attach additional pages if necessary):

SIGNATURE

Jim Bennett

NAME

Jim Bennett

TITLE

Superintendent

DATE

12 Sept 04

PWS FRDS NUMBER LA 1015004POPULATION SERVED 57000MONITORING PERIOD Aug 30 TO Sept 3 20047 SAMPLES REQUIRED PER MONITORING PERIOD

SOURCE WATER FOR WATER QUALITY PARAMETERS

CITY OF BOSSIER CITY
LOUISIANA8 SAMPLES SENT
THIS DATE _____

C'

SAMPLE ID. #	DATE	TIME	COLLECTOR	ADDRESS	LOCATION	TEMP	PH	CONDUCTIVITY	CALCIUM	ALKALINITY	ORTHOPHOSPHATE	CL2
R1 WQ1	8-02-04	9:10	NORTH	1503	JAMES	26.0	7.0	360	166	85	.79	3.9
R1 WQ2	8-4-04	10:15	NORTH	209	BEVOIST	25.6	7.0	364	168	86	.76	3.9
R2 WQ3	8-9-04	8:21	NORTH	1814	BOWN	26.2	7.0	394	133	78	.88	3.9
R2 WQ4	8-12-04	9:15	NORTH	3216	GAY	26.4	7.0	397	116	73	.83	3.7
R3 WQ5	8-16-04	11:00	NORTH	4733	HAZEL JONES	26.1	7.0	425	127	75	.75	3.5
R3 WQ6	8-19-04	8:24	NORTH	1309	MEADOWVIEW	26.3	7.0	441	137	75	.79	3.9
R4 WQ7	8-23-04	9:13	NORTH	BANKS DR	RR WITT	26.1	7.0	444	146	79	.79	3.6
POE	8-16-04	10:15	NORTH	1401	HAMILTON RD	25.4	7.0	425	127	75	.75	3.5

Sample ID. Code.

R1 - Region 1

R2 - Region 2

R3 - Region 3

R4 - Region 4

R5 - Region 5

R6 - Region 6

WQ - Sample for water quality parameters

WQPOE - Water quality point of entry

A - Alternate sample site