



State of Louisiana
Louisiana Department of Health
Office of Public Health

December 28, 2018

The Honorable Fred H. Mills, Jr., Chairman
Senate Health and Welfare Committee
P.O. Box 94183, Capitol Station
Baton Rouge, LA 70804

The Honorable Frank A. Hoffmann, Chairman
House Health and Welfare Committee
P.O. Box 94062, Capitol Station
Baton Rouge, LA 70804

RE: Act 632 - Results of School Drinking Water Testing

Dear Honorable Chairs,

Act 632 of the 2018 Regular Session required the Louisiana Department of Health (LDH) to establish a pilot program for drinking water testing at 12 public elementary schools that were constructed prior to 1986 or which may otherwise be susceptible to drinking water contamination.

During the fall of 2018, 12 schools were tested for lead and copper in accordance with Act 632. A total of 264 samples from 131 sites were taken from schools throughout the State of Louisiana. All samples were collected with guidance provided in the Environmental Protection Agency (EPA) - *3Ts for Reducing Lead in Drinking Water in Schools Manual* (2006) along with additional LDH requirements. The EPA-3Ts Manual was developed to assist schools with lead in drinking water prevention programs. This guidance is intended for use by school officials responsible for the maintenance and/or safety of school's drinking water. The document along with other helpful information is available on EPA's website at:

<https://www.epa.gov/dwreginfo/3ts-reducing-lead-drinking-water-schools-and-child-care-facilities>

The test results were sent to each school that participated along with any LDH recommendations, including the guidance provided in the EPA-3Ts Manual to safeguard against lead in the drinking water. LDH reviewed the results to determine if the test results were above the EPA's Action Levels for Lead (0.015 mg/L) and Copper (1.3 mg/L).

Attached is a summary of the results. A full detail of all sample results and associated school information is available on the following website:

<http://ldh.la.gov/schooldrinkingwater>

Please feel free to contact me regarding any of the enclosed information.

Sincerely,

A handwritten signature in blue ink that reads "Amanda Ames".

Amanda Ames, P.E.
LDH/OPH Chief Engineer and Safe Drinking Water Administrator

Attachments

CC: Jimmy Guidry, M.D., State Health Officer and Medical Director

This table lists the results of the water testing conducted at 12 elementary schools per Act 632. The columns labeled *Max Lead Level (mg/L)* and *Max Copper Level (mg/L)* contains the maximum level of the test results for lead and copper, respectively. The Action Level (AL) in drinking water for Lead is 0.015 mg/L and Copper is 1.3 mg/L. All 12 schools tested at or below the Lead Action Level.

#	School Name	Parish	School Built Date	Total Students	# Samples ¹	# Sample Sites	Max Lead Level (mg/L)	Fixture Type	Max Copper Level (mg/L)	Fixture Type
1	Dwight D. Eisenhower Academy of Global Studies	Orleans	1968	686	18	9	0.015 ²	Kitchen Pot Filler	0.1	Drinking Fountain
2	Harahan Elementary School	Jefferson	1926	498	20	10	0.007	Drinking Fountain	0.4	Drinking Fountain
3	Bernard Terrace Elementary School	East Baton Rouge	1927	401	18	9	0.002	Drinking Fountains and Kitchen Sinks	ND ³	Drinking Fountains and Kitchen sinks
4	Bayou Blue Elementary School	Lafourche	1968	738	16	8	0.001	Kitchen Pot Filler	0.3	Drinking Fountain
5	Prairie Elementary School	Lafayette	1968	750	26	13	0.005	Drinking Fountain	ND ³	Drinking Fountains and Kitchen sinks
6	Prien Lake Elementary school	Calcasieu	1956	764	24	12	0.003	Kitchen Sink	0.2	Drinking Fountain and Kitchen Sink
7	Cherokee Elementary School	Rapides	1953	569	26	12	0.004	Kitchen Pot Filler	1.4 ⁴	Drinking Fountain
8	Creswell Elementary School	Caddo	1920	420	20	10	0.003	Kitchen Prep Sink and Pot Filler	ND ³	Drinking Fountains and Kitchen sinks
9	Barkdull Faulk Elementary School	Ouachita	1920	265	12	6	ND ³	Drinking Fountains and Kitchen sinks	ND ³	Drinking Fountains and Kitchen sinks
10	Drew Elementary School	Ouachita	1948	468	28	14	0.006	Drinking Fountain	0.4	Drinking Fountain
11	Covington Elementary School	St Tammany	1956	597	24	12	0.012	Kitchen Pot Filler	0.1	Drinking Fountain
12	Loranger Elementary School	Tangipahoa	1958	785	32	16	0.003	Kitchen Pot Filler	ND ³	Drinking Fountains and Kitchen sinks
				6941	264	131				

Notes:

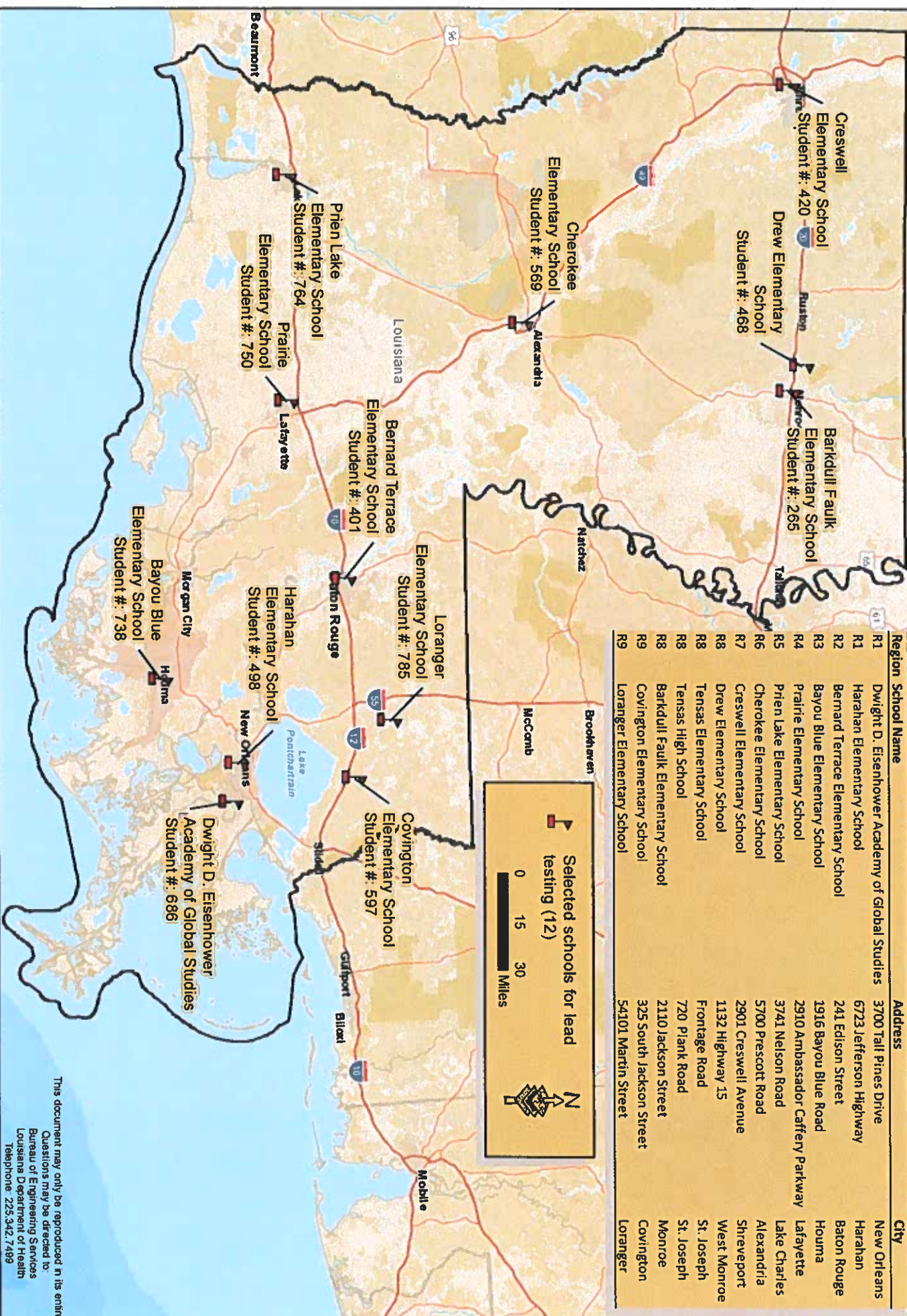
- Two water samples were collected from each fixture (a first draw and a flush sample). All unique water outlets (fixtures) used for consumption and/or cooking were sampled.
- First Draw Sample at a drinking fountain was at the Lead Action Level of 0.015 mg/L. The subsequent Flush Sample was below the AL at 0.001 mg/L for lead. School was provided with recommended control measures to reduce exposure.
- NID = None Detected
- First Draw Sample at a drinking fountain was above the Copper Action Level of 1.3 mg/L. The subsequent Flush Sample for the fixture was well below action level at 0.4 mg/L. School was provided with recommended control measures to reduce exposure.

Sample Types:

- First Draw Sample = Sample collected after fixture is not used for a minimum of 6 hours. Used to get representative sample of the fixture.
- Flush Sample = Water is flushed through fixture prior to sampling. Used to get a representative sample of the premise plumbing/piping.

Act 632 School Lead Testing Pilot Program, 2018 Selected Schools

Region	School Name	Address	City
R1	Dwight D. Eisenhower Academy of Global Studies	3700 Tall Pines Drive	New Orleans
R1	Harahan Elementary School	6723 Jefferson Highway	Harahan
R2	Bernard Terrace Elementary School	241 Edison Street	Baton Rouge
R3	Bayou Blue Elementary School	1916 Bayou Blue Road	Houma
R4	Prairie Elementary School	2910 Ambassador Caffery Parkway	Lafayette
R5	Prien Lake Elementary School	3741 Nelson Road	Lake Charles
R6	Cherokee Elementary School	5700 Prescott Road	Alexandria
R7	Creswell Elementary School	2901 Creswell Avenue	Shreveport
R8	Drew Elementary School	1132 Highway 15	West Monroe
R8	Tensas Elementary School	Frontage Road	St. Joseph
R8	Tensas High School	720 Plank Road	St. Joseph
R8	Barkdull Faulk Elementary School	2110 Jackson Street	Monroe
R9	Covington Elementary School	325 South Jackson Street	Covington
R9	Loranger Elementary School	54101 Martin Street	Loranger



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