John Bel Edwards
GOVERNOR

Dr. Courtney N. Phillips
SECRETARY

State of Louisiana

Louisiana Department of Health
Office of Public Health

December 11, 2020

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

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

RE: Act 632 – 2020 Results of School Drinking Water Testing

Dear Gentlemen,

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 2020-21 school season, 12 schools were tested for lead and copper in accordance with Act 632. A total of 348 samples from 173 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 2020 results. A full detail of all sample results and associated school information for 2018, 2019 and 2020 are available on the following website:
http://ldh.la.gov/schooldrinkingwater

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

Sincerely,

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

2020 School Lead Testing Pilot

This table lists the results of the water testing conducted at 12 elementary schools in 2020 for Act 632. The columns labeled *Max Lead Level (mg/L)* and *Max Copper Level (mg/L)* contain 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. For each school sampling event, two water samples (a first draw and a flush sample) were collected from each water outlet that is used for consumption or cooking. Four of the 12 schools tested had at least one result above the Lead Action Level. Those schools are noted below. In all cases where sample results were above the ALs, the school was provided with recommended control or remediation measures.

No	School Name	Parish	School Built Date	Total Students	Total Samples	Total Sample Sites	Max Lead Level (mg/L)	Fixture Type	Max Copper Level (mg/L)	Fixture Type
1	Boothville-Venice Elementary School	PLAQUEMINES	1971	350	28	14	**0.027**[1]	Cafeteria Handwash Sink	**2.2**[2]	Kitchen Pot Filler
2	Delcambre Elementary School	IBERIA	1965	488	28	14	0.012	Kitchen Pot Filler	1.1	Drinking Fountain
3	Slaughter Elementary School	EAST FELICIANA	1967	494	12	6	0.004	Drinking Fountain	0.4	Drinking Fountain
4	Frost School	LIVINGSTON	1954	350	22	11	0.002	Drinking Fountain	0.9	Drinking Fountain
5	Olla-Standard Elementary School	LASALLE	1958	380	24	12	0.001	Drinking Fountain	1.2	Drinking Fountain
6	John L. Ory Communications Magnet Elem	ST JOHN	1935	319	46	23	0.006	Classroom Sink Drinking Spout	0.3	Drinking Fountain
7	Rayville Elementary School	RICHLAND	1950	370	18	9	ND[3]	All	0.9	Drinking Fountain
8	W.P. Foster Elementary School	ST MARY	1958	780	42	21	**0.044**[1]	Classroom Sink Faucet	**3.7**[2]	Classroom Sink Faucet
9	Rougon Elementary School	POINTE COUPEE	1940	389	32	16	ND[3]	All	0.2	Drinking Fountain
10	Bossier Elementary School	BOSSIER	1923	295	38	19	**0.038**[4]	Kitchen Pot Filler	**3.3**[2]	Drinking Fountain
11	Cypress Grove Montessori	ST JAMES	1956	162	26	13	0.007	Kitchen Sink	0.7	Drinking Fountain
12	J. A. Phillips Elementary School	WEBSTER	1972	500	32	15	**0.327**[5]	Drinking Fountain	**10.4**[2]	Drinking Fountain
			Totals	**4877**	**348**	**173**				

Notes:

[1] Sample result is above the Lead Action Level. Recommended action was a **Do Not Drink** sign for the fixture since flushing the fixture did not reduce the Lead level enough.

[2] Sample result is above the Copper Action Level. Recommended action was to flush fixture prior to use.

[3] ND = Non-Detect; results for all fixtures sampled were non-detect.

[4] Sample result is above the Lead Action Level. Recommended action was to replace fixture and flush prior to use.

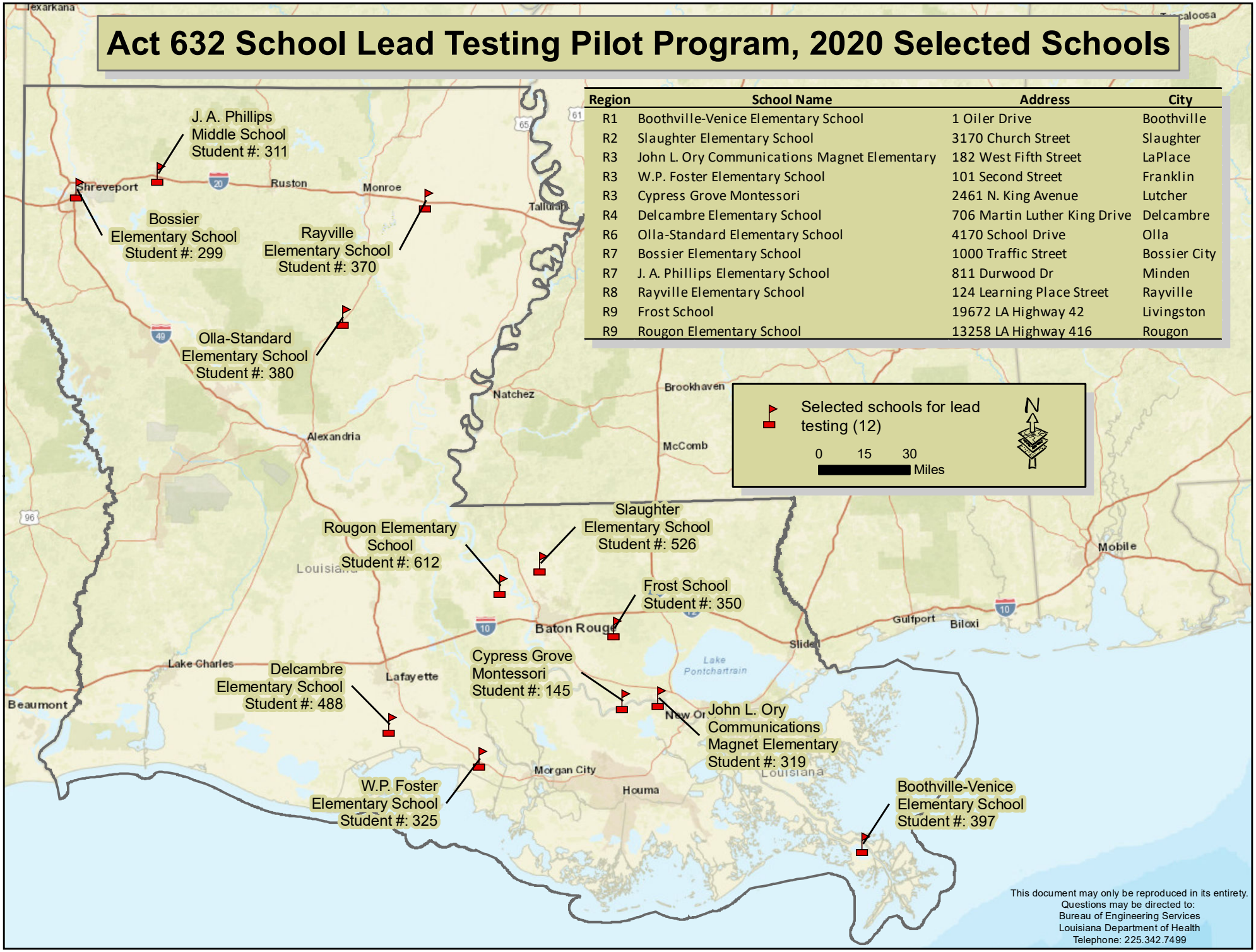
[5] Initial sample result is above the Lead Action Level. Flush and follow-up samples are ND. Based on the high turbidity level of the initial sample, LDH attributes the high lead level to stagnation. Recommended action was to implement a flushing program at the school.

Sample Types:

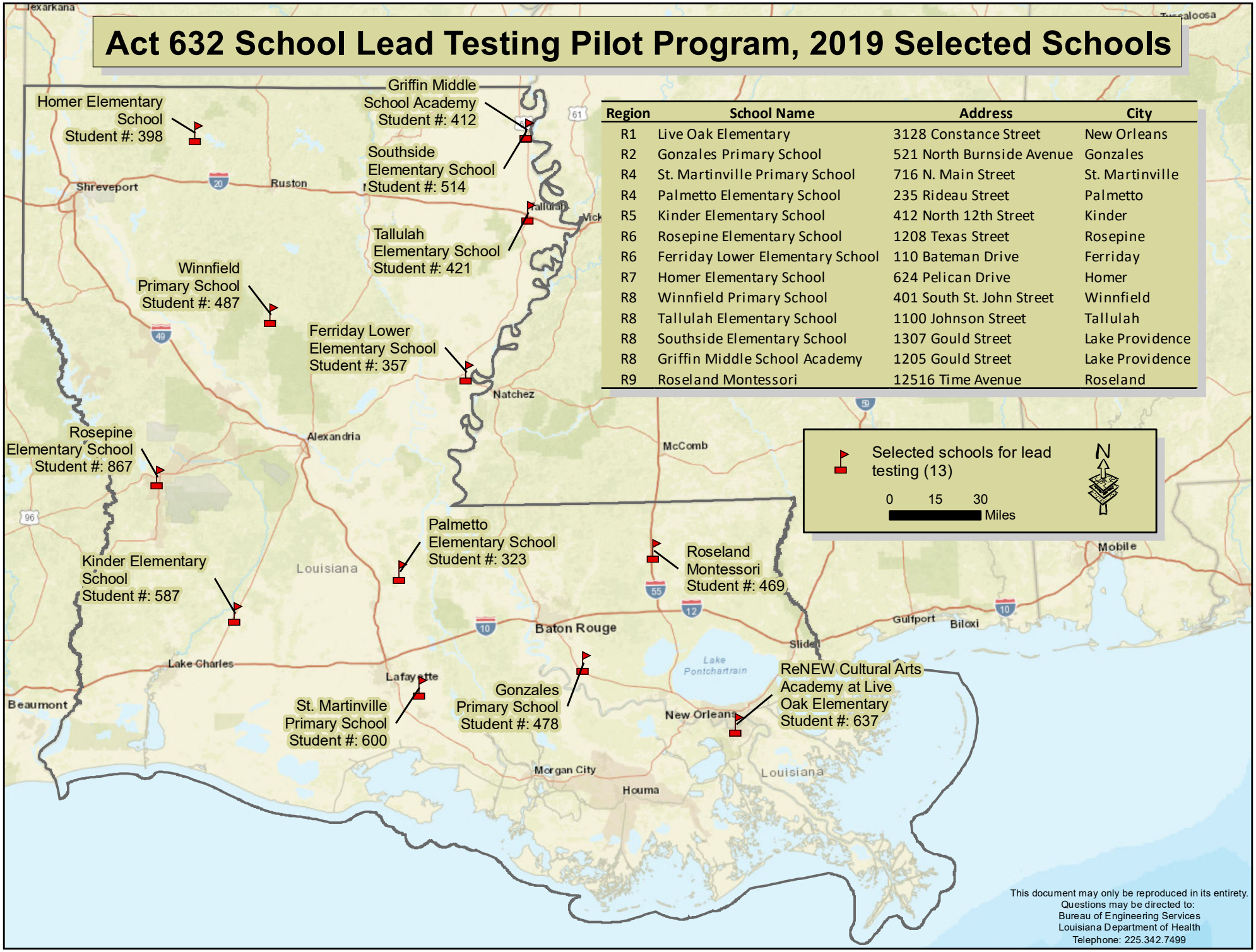
- First Draw Sample = Sample collected after fixture has not been used for a minimum of 6 hours. This is a representative sample of the water in the fixture.
- Flush Sample = Water is flushed through fixture prior to sampling. This is a representative sample of the water in the premise plumbing/piping.

Act 632 School Lead Testing Pilot Program, 2020 Selected Schools

Region	School Name	Address	City
R1	Boothville-Venice Elementary School	1 Oiler Drive	Boothville
R2	Slaughter Elementary School	3170 Church Street	Slaughter
R3	John L. Ory Communications Magnet Elementary	182 West Fifth Street	LaPlace
R3	W.P. Foster Elementary School	101 Second Street	Franklin
R3	Cypress Grove Montessori	2461 N. King Avenue	Lutcher
R4	Delcambre Elementary School	706 Martin Luther King Drive	Delcambre
R6	Olla-Standard Elementary School	4170 School Drive	Olla
R7	Bossier Elementary School	1000 Traffic Street	Bossier City
R7	J. A. Phillips Elementary School	811 Durwood Dr	Minden
R8	Rayville Elementary School	124 Learning Place Street	Rayville
R9	Frost School	19672 LA Highway 42	Livingston
R9	Rougon Elementary School	13258 LA Highway 416	Rougon



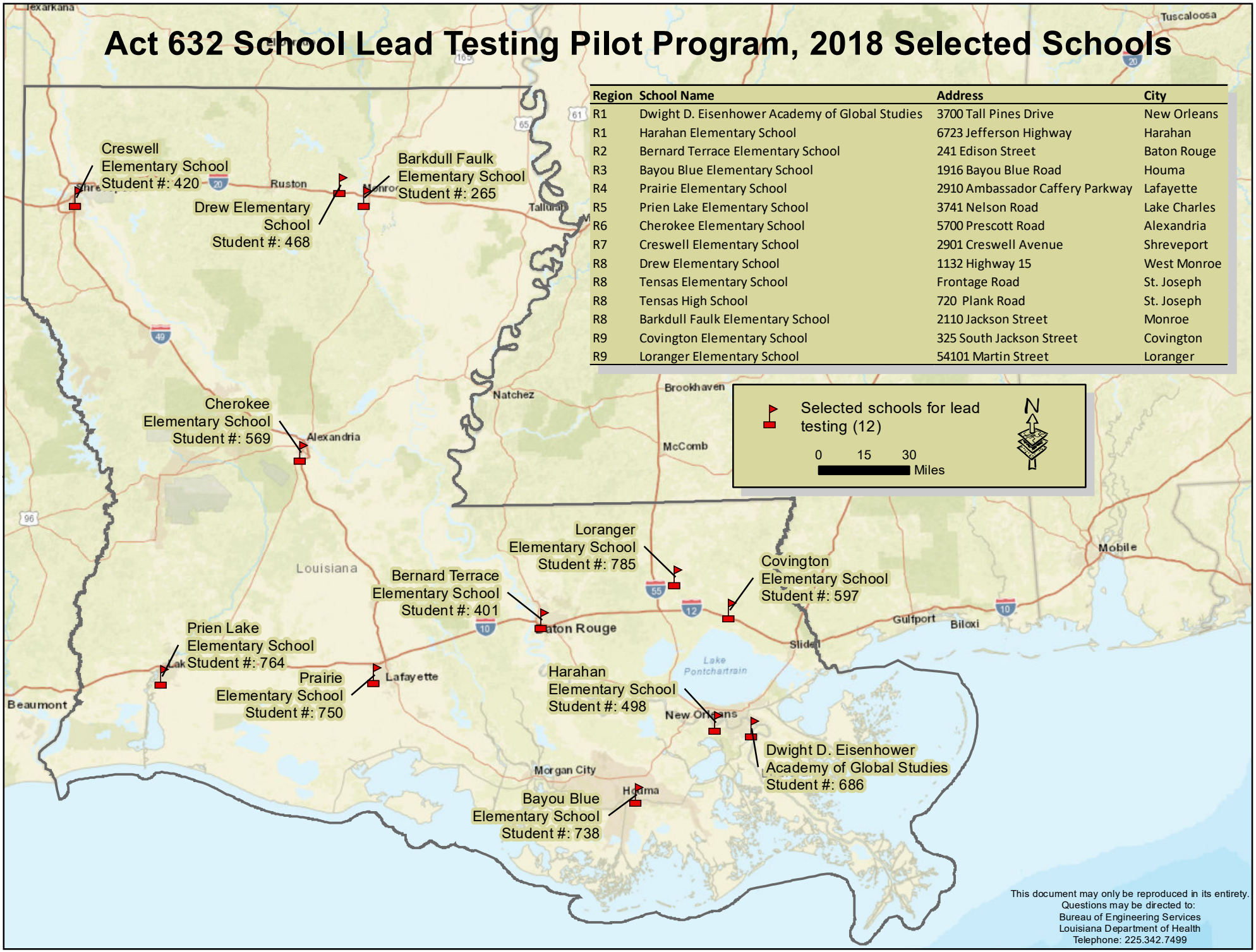
Act 632 School Lead Testing Pilot Program, 2019 Selected Schools



Region	School Name	Address	City
R1	Live Oak Elementary	3128 Constance Street	New Orleans
R2	Gonzales Primary School	521 North Burnside Avenue	Gonzales
R4	St. Martinville Primary School	716 N. Main Street	St. Martinville
R4	Palmetto Elementary School	235 Rideau Street	Palmetto
R5	Kinder Elementary School	412 North 12th Street	Kinder
R6	Rosepine Elementary School	1208 Texas Street	Rosepine
R6	Ferriday Lower Elementary School	110 Bateman Drive	Ferriday
R7	Homer Elementary School	624 Pelican Drive	Homer
R8	Winnfield Primary School	401 South St. John Street	Winnfield
R8	Tallulah Elementary School	1100 Johnson Street	Tallulah
R8	Southside Elementary School	1307 Gould Street	Lake Providence
R8	Griffin Middle School Academy	1205 Gould Street	Lake Providence
R9	Roseland Montessori	12516 Time Avenue	Roseland

Questions may be directed to:
Bureau of Engineering Services
Louisiana Department of Health
Telephone: 225.342.7499

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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