



State of Louisiana
Louisiana Department of Health
Office of Public Health

November 4, 2020

Mr. Sheldon Jones
Superintendent of Schools
Richland Parish School Board
411 Foster St
Rayville, LA 71269

RE: Results of School Drinking Water Testing
Rayville Elementary School (SCH042010)
124 1 Learning Place, Rayville, LA 71269

Dear Mr. Jones,

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. Thank you for your participation and cooperation in this pilot program.

On October 30, 2020 a total of 18 water samples were collected from the above referenced school in accordance with guidance provided in the Environmental Protection Agency's (EPA's) - 3Ts for Reducing Lead in Drinking Water in Schools Manual. Attached are the lead and copper sample results. Please note that the sample result for sample point ID "TCR-006" is for a sample collected from the water system.

All sample results were evaluated against the state recommended Action Levels for Lead (0.015 mg/L) and Copper (1.3 mg/L) for drinking water. All sample results are below the state recommended Action Levels for Lead and Copper. Note that the "after flush" samples for the Ion bottle filler units were collected directly from the water service line to the units. These units have a filter*. LDH **recommends** replacing drinking water filters per the manufacturer schedule to ensure optimal filter performance. *It is important to use drinking water filters that meet NSF/ANSI 53 Standard for lead reduction.

Although these results indicate no exceedance of the lead action level (0.015 mg/L) in the school drinking water, LDH recommends that all schools follow the guidance provided in the EPA-3Ts manual to safeguard against lead in the drinking water. 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. This document along with other helpful information is available for on EPA's website at: <https://www.epa.gov/dwreginfo/3ts-reducing-lead-drinking-water-schools-and-child-care-facilities>.

November 4, 2020

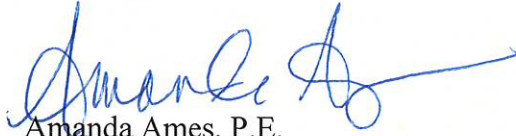
Page 2

RE: Results of School Drinking Water Testing
Rayville Elementary School (SCH042010)

Please notify this office of any control or remediation measures taken by the school. LDH will perform follow up sampling to confirm the corrective actions were effective.

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

Sincerely,



Amanda Ames, P.E.

Chief Engineer and Safe Drinking Water Administrator, LDH

Attachment

cc: Mrs. Elycia Hill, Principal, Rayville Elementary School

Sample Results Summary

| Rayville Elementary School (SCH042010) | | Lead (mg/L) AL = 0.015 mg/L | | Copper (mg/L) AL = 1.3 mg/L | |
|---|------|--------------------------------|--------------------|--------------------------------|--------------------|
| Sample Point Description and ID | | First Draw Sample | After Flush Sample | First Draw Sample | After Flush Sample |
| TANK FOUNTAIN, CAFETERIA | DF01 | ND | ND | 0.5 | 0.2 |
| BOTTLE FILLER (Ion), RM 55 | BF02 | ND | ND* | ND | 0.4* |
| TANK FOUNTAIN, RM 60, L | DF03 | ND | ND | 0.9 | 0.9 |
| BOTTLE FILLER, RM 21 | BF05 | ND | 0.001* | ND | 0.3* |
| BOTTLE FILLER, RM 3 | BF06 | ND | ND* | ND | 0.3* |
| BOTTLE FILLER, RM 42 | BF07 | ND | 0.006* | ND | 0.6* |
| TANK FOUNTAIN, GYM, R | DF08 | ND | ND | 0.5 | 0.4 |
| 2C, KITCHEN SINK | SK01 | ND | ND | 0.5 | 0.3 |
| POT FILLER, KETTLE, KITCHEN | PF01 | ND | ND | 0.6 | 0.2 |
| "ND" – None Detect – contaminant level is below the Laboratory Reporting Limit (<0.001 mg/L Lead or <0.1 mg/L Copper) | | | | | |
| "AL" – Action Level – state recommended action level | | | | | |
| *The After Flush samples were collected directly from the water service line to the Ion Bottle Filler Unit. | | | | | |



State of Louisiana
Louisiana Department of Health
Public Health Laboratories
1209 Leesville Avenue
Baton Rouge, LA 70802
225-219-5200
<http://www.dhh.la.gov/lab>



November 02, 2020

The following analytical results have been obtained for the indicated sample(s) which was submitted to this laboratory:

| | | | |
|--------------------------------|--------------------------|---------------------|----------------------|
| Sample Pt. Description: | TANK FOUNTAIN, CAFETERIA | Sample ID: | B2005849-001 |
| Sample Pt ID: | DF01 | Sample Type: | Special |
| PWS ID: | LA1083006 | Sample Collector: | Austin |
| Water System Name: | RAYVILLE WATER SYSTEM | Collection date: | 10/30/2020 7:10:00AM |
| Facility ID: | SCH042010 | Lab Submittal date: | 11/2/2020 7:00:00AM |
| Collection Address: | First Draw | | |

| Component Name | Results | Units | Rep. Limit | MCL | Qualifiers |
|--------------------------------|---------|-------|------------|-------|------------|
| Lead and Copper (200.8) | | | | | |
| Lead | <0.001 | mg/L | 0.001 | 0.015 | |
| Copper | 0.5 | mg/L | 0.1 | 1.3 | |

| | | | |
|--------------------------------|-----------------------|---------------------|----------------------|
| Sample Pt. Description: | BOTTLE FILLER, RM 55 | Sample ID: | B2005849-002 |
| Sample Pt ID: | BF02 | Sample Type: | Special |
| PWS ID: | LA1083006 | Sample Collector: | Austin |
| Water System Name: | RAYVILLE WATER SYSTEM | Collection date: | 10/30/2020 7:15:00AM |
| Facility ID: | SCH042010 | Lab Submittal date: | 11/2/2020 7:00:00AM |
| Collection Address: | First Draw | | |

| Component Name | Results | Units | Rep. Limit | MCL | Qualifiers |
|--------------------------------|---------|-------|------------|-------|------------|
| Lead and Copper (200.8) | | | | | |
| Lead | <0.001 | mg/L | 0.001 | 0.015 | |
| Copper | <0.1 | mg/L | 0.1 | 1.3 | |

| | | | |
|--------------------------------|-------------------------|---------------------|----------------------|
| Sample Pt. Description: | TANK FOUNTAIN, RM 60, L | Sample ID: | B2005849-003 |
| Sample Pt ID: | DF03 | Sample Type: | Special |
| PWS ID: | LA1083006 | Sample Collector: | Austin |
| Water System Name: | RAYVILLE WATER SYSTEM | Collection date: | 10/30/2020 7:20:00AM |
| Facility ID: | SCH042010 | Lab Submittal date: | 11/2/2020 7:00:00AM |
| Collection Address: | First Draw | | |

| Component Name | Results | Units | Rep. Limit | MCL | Qualifiers |
|--------------------------------|---------|-------|------------|-------|------------|
| Lead and Copper (200.8) | | | | | |
| Lead | <0.001 | mg/L | 0.001 | 0.015 | |
| Copper | 0.9 | mg/L | 0.1 | 1.3 | > 1/2 MCL |

| | | | |
|--------------------------------|-----------------------|---------------------|----------------------|
| Sample Pt. Description: | BOTTLE FILLER, RM 21 | Sample ID: | B2005849-004 |
| Sample Pt ID: | BF05 | Sample Type: | Special |
| PWS ID: | LA1083006 | Sample Collector: | Austin |
| Water System Name: | RAYVILLE WATER SYSTEM | Collection date: | 10/30/2020 7:22:00AM |
| Facility ID: | SCH042010 | Lab Submittal date: | 11/2/2020 7:00:00AM |
| Collection Address: | First Draw | | |

| Component Name | Results | Units | Rep. Limit | MCL | Qualifiers |
|--------------------------------|---------|-------|------------|-------|------------|
| Lead and Copper (200.8) | | | | | |
| Lead | <0.001 | mg/L | 0.001 | 0.015 | |
| Copper | <0.1 | mg/L | 0.1 | 1.3 | |

| | | | |
|--------------------------------|-----------------------|---------------------|----------------------|
| Sample Pt. Description: | BOTTLE FILLER, RM 3 | Sample ID: | B2005849-005 |
| Sample Pt ID: | BF06 | Sample Type: | Special |
| PWS ID: | LA1083006 | Sample Collector: | Austin |
| Water System Name: | RAYVILLE WATER SYSTEM | Collection date: | 10/30/2020 7:24:00AM |
| Facility ID: | SCH042010 | Lab Submittal date: | 11/2/2020 7:00:00AM |
| Collection Address: | First Draw | | |

| Component Name | Results | Units | Rep. Limit | MCL | Qualifiers |
|--------------------------------|---------|-------|------------|-------|------------|
| Lead and Copper (200.8) | | | | | |
| Lead | <0.001 | mg/L | 0.001 | 0.015 | |
| Copper | <0.1 | mg/L | 0.1 | 1.3 | |

| | | | |
|--------------------------------|-----------------------|---------------------|----------------------|
| Sample Pt. Description: | BOTTLE FILLER, RM 42 | Sample ID: | B2005849-006 |
| Sample Pt ID: | BF07 | Sample Type: | Special |
| PWS ID: | LA1083006 | Sample Collector: | Austin |
| Water System Name: | RAYVILLE WATER SYSTEM | Collection date: | 10/30/2020 7:26:00AM |
| Facility ID: | SCH042010 | Lab Submittal date: | 11/2/2020 7:00:00AM |
| Collection Address: | First Draw | | |

| Component Name | Results | Units | Rep. Limit | MCL | Qualifiers |
|--------------------------------|---------|-------|------------|-------|------------|
| Lead and Copper (200.8) | | | | | |
| Lead | <0.001 | mg/L | 0.001 | 0.015 | |
| Copper | <0.1 | mg/L | 0.1 | 1.3 | |

| | | | |
|--------------------------------|-----------------------|---------------------|----------------------|
| Sample Pt. Description: | TANK FOUNTAIN, GYM, R | Sample ID: | B2005849-007 |
| Sample Pt ID: | DF08 | Sample Type: | Special |
| PWS ID: | LA1083006 | Sample Collector: | Austin |
| Water System Name: | RAYVILLE WATER SYSTEM | Collection date: | 10/30/2020 7:30:00AM |
| Facility ID: | SCH042010 | Lab Submittal date: | 11/2/2020 7:00:00AM |
| Collection Address: | First Draw | | |

| Component Name | Results | Units | Rep. Limit | MCL | Qualifiers |
|--------------------------------|---------|-------|------------|-------|------------|
| Lead and Copper (200.8) | | | | | |
| Lead | <0.001 | mg/L | 0.001 | 0.015 | |
| Copper | 0.5 | mg/L | 0.1 | 1.3 | |

| | | | |
|--------------------------------|-----------------------|---------------------|----------------------|
| Sample Pt. Description: | 2C, KITCHEN SINK | Sample ID: | B2005849-008 |
| Sample Pt ID: | SK01 | Sample Type: | Special |
| PWS ID: | LA1083006 | Sample Collector: | Austin |
| Water System Name: | RAYVILLE WATER SYSTEM | Collection date: | 10/30/2020 7:05:00AM |
| Facility ID: | SCH042010 | Lab Submittal date: | 11/2/2020 7:00:00AM |
| Collection Address: | First Draw | | |

| Component Name | Results | Units | Rep. Limit | MCL | Qualifiers |
|--------------------------------|---------|-------|------------|-------|------------|
| Lead and Copper (200.8) | | | | | |
| Lead | <0.001 | mg/L | 0.001 | 0.015 | |
| Copper | 0.5 | mg/L | 0.1 | 1.3 | |

| | | | |
|--------------------------------|-----------------------------|---------------------|----------------------|
| Sample Pt. Description: | POT FILLER, KETTLE, KITCHEN | Sample ID: | B2005849-009 |
| Sample Pt ID: | PF01 | Sample Type: | Special |
| PWS ID: | LA1083006 | Sample Collector: | Austin |
| Water System Name: | RAYVILLE WATER SYSTEM | Collection date: | 10/30/2020 7:05:00AM |
| Facility ID: | SCH042010 | Lab Submittal date: | 11/2/2020 7:00:00AM |
| Collection Address: | First Draw | | |

| Component Name | Results | Units | Rep. Limit | MCL | Qualifiers |
|--------------------------------|---------|-------|------------|-------|------------|
| Lead and Copper (200.8) | | | | | |
| Lead | <0.001 | mg/L | 0.001 | 0.015 | |
| Copper | 0.6 | mg/L | 0.1 | 1.3 | |

| | | | |
|--------------------------------|--------------------------|---------------------|----------------------|
| Sample Pt. Description: | TANK FOUNTAIN, CAFETERIA | Sample ID: | B2005849-010 |
| Sample Pt ID: | DF01 | Sample Type: | Special |
| PWS ID: | LA1083006 | Sample Collector: | Austin |
| Water System Name: | RAYVILLE WATER SYSTEM | Collection date: | 10/30/2020 7:25:00AM |
| Facility ID: | SCH042010 | Lab Submittal date: | 11/2/2020 7:00:00AM |
| Collection Address: | After Flush | | |

| Component Name | Results | Units | Rep. Limit | MCL | Qualifiers |
|--------------------------------|---------|-------|------------|-------|------------|
| Lead and Copper (200.8) | | | | | |
| Lead | <0.001 | mg/L | 0.001 | 0.015 | |
| Copper | 0.2 | mg/L | 0.1 | 1.3 | |

| | | | |
|--------------------------------|-----------------------|---------------------|----------------------|
| Sample Pt. Description: | BOTTLE FILLER, RM 55 | Sample ID: | B2005849-011 |
| Sample Pt ID: | BF02 | Sample Type: | Special |
| PWS ID: | LA1083006 | Sample Collector: | Austin |
| Water System Name: | RAYVILLE WATER SYSTEM | Collection date: | 10/30/2020 7:49:00AM |
| Facility ID: | SCH042010 | Lab Submittal date: | 11/2/2020 7:00:00AM |
| Collection Address: | After Flush | | |

| Component Name | Results | Units | Rep. Limit | MCL | Qualifiers |
|--------------------------------|---------|-------|------------|-------|------------|
| Lead and Copper (200.8) | | | | | |
| Lead | <0.001 | mg/L | 0.001 | 0.015 | |
| Copper | 0.4 | mg/L | 0.1 | 1.3 | |

| | | | |
|--------------------------------|-------------------------|---------------------|----------------------|
| Sample Pt. Description: | TANK FOUNTAIN, RM 60, L | Sample ID: | B2005849-012 |
| Sample Pt ID: | DF03 | Sample Type: | Special |
| PWS ID: | LA1083006 | Sample Collector: | Austin |
| Water System Name: | RAYVILLE WATER SYSTEM | Collection date: | 10/30/2020 7:42:00AM |
| Facility ID: | SCH042010 | Lab Submittal date: | 11/2/2020 7:00:00AM |
| Collection Address: | After Flush | | |

| Component Name | Results | Units | Rep. Limit | MCL | Qualifiers |
|--------------------------------|---------|-------|------------|-------|------------|
| Lead and Copper (200.8) | | | | | |
| Lead | <0.001 | mg/L | 0.001 | 0.015 | |
| Copper | 0.9 | mg/L | 0.1 | 1.3 | > 1/2 MCL |

| | | | |
|--------------------------------|-----------------------|---------------------|----------------------|
| Sample Pt. Description: | BOTTLE FILLER, RM 21 | Sample ID: | B2005849-013 |
| Sample Pt ID: | BF05 | Sample Type: | Special |
| PWS ID: | LA1083006 | Sample Collector: | Austin |
| Water System Name: | RAYVILLE WATER SYSTEM | Collection date: | 10/30/2020 7:54:00AM |
| Facility ID: | SCH042010 | Lab Submittal date: | 11/2/2020 7:00:00AM |
| Collection Address: | After Flush | | |

| Component Name | Results | Units | Rep. Limit | MCL | Qualifiers |
|--------------------------------|---------|-------|------------|-------|------------|
| Lead and Copper (200.8) | | | | | |
| Lead | 0.001 | mg/L | 0.001 | 0.015 | |
| Copper | 0.3 | mg/L | 0.1 | 1.3 | |

| | | | |
|--------------------------------|-----------------------|---------------------|----------------------|
| Sample Pt. Description: | BOTTLE FILLER, RM 3 | Sample ID: | B2005849-014 |
| Sample Pt ID: | BF06 | Sample Type: | Special |
| PWS ID: | LA1083006 | Sample Collector: | Austin |
| Water System Name: | RAYVILLE WATER SYSTEM | Collection date: | 10/30/2020 7:58:00AM |
| Facility ID: | SCH042010 | Lab Submittal date: | 11/2/2020 7:00:00AM |
| Collection Address: | After Flush | | |

| Component Name | Results | Units | Rep. Limit | MCL | Qualifiers |
|--------------------------------|---------|-------|------------|-------|------------|
| Lead and Copper (200.8) | | | | | |
| Lead | <0.001 | mg/L | 0.001 | 0.015 | |
| Copper | 0.3 | mg/L | 0.1 | 1.3 | |

| | | | |
|--------------------------------|-----------------------|---------------------|----------------------|
| Sample Pt. Description: | BOTTLE FILLER, RM 42 | Sample ID: | B2005849-015 |
| Sample Pt ID: | BF07 | Sample Type: | Special |
| PWS ID: | LA1083006 | Sample Collector: | Austin |
| Water System Name: | RAYVILLE WATER SYSTEM | Collection date: | 10/30/2020 8:01:00AM |
| Facility ID: | SCH042010 | Lab Submittal date: | 11/2/2020 7:00:00AM |
| Collection Address: | After Flush | | |

| Component Name | Results | Units | Rep. Limit | MCL | Qualifiers |
|--------------------------------|---------|-------|------------|-------|------------|
| Lead and Copper (200.8) | | | | | |
| Lead | 0.006 | mg/L | 0.001 | 0.015 | |
| Copper | 0.6 | mg/L | 0.1 | 1.3 | |

| | | | |
|--------------------------------|-----------------------|---------------------|----------------------|
| Sample Pt. Description: | TANK FOUNTAIN, GYM, R | Sample ID: | B2005849-016 |
| Sample Pt ID: | DF08 | Sample Type: | Special |
| PWS ID: | LA1083006 | Sample Collector: | Austin |
| Water System Name: | RAYVILLE WATER SYSTEM | Collection date: | 10/30/2020 7:44:00AM |
| Facility ID: | SCH042010 | Lab Submittal date: | 11/2/2020 7:00:00AM |
| Collection Address: | After Flush | | |

| Component Name | Results | Units | Rep. Limit | MCL | Qualifiers |
|--------------------------------|---------|-------|------------|-------|------------|
| Lead and Copper (200.8) | | | | | |
| Lead | <0.001 | mg/L | 0.001 | 0.015 | |
| Copper | 0.4 | mg/L | 0.1 | 1.3 | |

| | | | |
|--------------------------------|-----------------------|---------------------|----------------------|
| Sample Pt. Description: | 2C, KITCHEN SINK | Sample ID: | B2005849-017 |
| Sample Pt ID: | SK01 | Sample Type: | Special |
| PWS ID: | LA1083006 | Sample Collector: | Austin |
| Water System Name: | RAYVILLE WATER SYSTEM | Collection date: | 10/30/2020 7:06:00AM |
| Facility ID: | SCH042010 | Lab Submittal date: | 11/2/2020 7:00:00AM |
| Collection Address: | After Flush | | |

| Component Name | Results | Units | Rep. Limit | MCL | Qualifiers |
|--------------------------------|---------|-------|------------|-------|------------|
| Lead and Copper (200.8) | | | | | |
| Lead | <0.001 | mg/L | 0.001 | 0.015 | |
| Copper | 0.3 | mg/L | 0.1 | 1.3 | |

| | | | |
|--------------------------------|-----------------------------|---------------------|----------------------|
| Sample Pt. Description: | POT FILLER, KETTLE, KITCHEN | Sample ID: | B2005849-018 |
| Sample Pt ID: | PF01 | Sample Type: | Special |
| PWS ID: | LA1083006 | Sample Collector: | Austin |
| Water System Name: | RAYVILLE WATER SYSTEM | Collection date: | 10/30/2020 7:06:00AM |
| Facility ID: | SCH042010 | Lab Submittal date: | 11/2/2020 7:00:00AM |
| Collection Address: | After Flush | | |

| Component Name | Results | Units | Rep. Limit | MCL | Qualifiers |
|--------------------------------|---------|-------|------------|-------|------------|
| Lead and Copper (200.8) | | | | | |
| Lead | <0.001 | mg/L | 0.001 | 0.015 | |
| Copper | 0.2 | mg/L | 0.1 | 1.3 | |

| | | | |
|--------------------------------|-----------------------|---------------------|----------------------|
| Sample Pt. Description: | 103 STONE AVE | Sample ID: | B2005849-019 |
| Sample Pt ID: | TCR-006 | Sample Type: | Special |
| PWS ID: | LA1083006 | Sample Collector: | Austin |
| Water System Name: | RAYVILLE WATER SYSTEM | Collection date: | 10/30/2020 8:25:00AM |
| Facility ID: | DS0950 | Lab Submittal date: | 11/2/2020 7:00:00AM |
| Collection Address: | Distribution System | | |

| Component Name | Results | Units | Rep. Limit | MCL | Qualifiers |
|--------------------------------|---------|-------|------------|-------|------------|
| Lead and Copper (200.8) | | | | | |
| Lead | <0.001 | mg/L | 0.001 | 0.015 | |
| Copper | <0.1 | mg/L | 0.1 | 1.3 | |

Qualifier Key

| <u>Qualifier</u> | <u>Description</u> |
|------------------|----------------------------------|
| > 1/2 MCL | Final Result > 1/2 MCL but < MCL |

Reviewed by: Aaron Hawkins