



2016 LEAD TESTING RESULTS



Results Summary

- 608 Total Locations Tested/129 Total Exceedances

- 345 Sinks Tested/106 Exceedances
 - Nurse: 8
 - Kitchens: 7
 - Faculty Lounges: 3
 - FACS Labs (HS/MS): 20
 - Classrooms/Other: 68

- 263 Drinking Fountains Tested/23 Exceedances

Remediation

■ Sinks

- *Filters Added to Sinks in Nurses Offices, Kitchens & Staff Lounges*
- *Remaining Sinks Labeled "Hand Wash Only"*

■ Drinking Fountains

- *Remove*
- *Filter*
- *Replace*
- *Abandoned*

Lead in Potable Water Sample Summary Table

| Summary | | | | | | |
|--------------------------------|------------------------------------|------------------------------|---|--|--------------------------------------|-----------------------------------|
| Building | Number of Samples Collected | Number of Exceedances | Total Number of Drinking Fountains Sampled | Number of Drinking Fountain Exceedances | Total Number of Sinks Sampled | Number of Sink Exceedances |
| Anderson Elementary School | 30 | 6 | 7 | 0 | 23 | 6 |
| Bell Graham Elementary School | 30 | 4 | 7 | 0 | 23 | 4 |
| Corron Elementary School | 30 | 0 | 8 | 0 | 22 | 0 |
| Davis Primary School | 30 | 14 | 11 | 3 | 19 | 11 |
| Ferson Creek Elementary School | 30 | 8 | 14 | 5 | 16 | 3 |
| Fox Ridge Elementary School | 30 | 14 | 15 | 3 | 15 | 11 |
| Lincoln Elementary School | 10 | 5 | 6 | 3 | 4 | 2 |
| Munhall Elementary School | 23 | 4 | 10 | 0 | 13 | 4 |
| Norton Creek Elementary School | 30 | 0 | 5 | 0 | 25 | 0 |
| Richmond Intermediate School | 30 | 2 | 8 | 0 | 22 | 2 |
| Wasco Elementary School | 26 | 12 | 10 | 3 | 16 | 9 |
| Wild Rose Elementary School | 30 | 3 | 12 | 1 | 18 | 2 |
| Mades Johnston Center | 18 | 3 | 5 | 0 | 13 | 3 |
| Haines Middle School | 19 | 3 | 11 | 0 | 8 | 3 |
| Thompson Middle School | 33 | 0 | 18 | 0 | 15 | 0 |
| Wredling Middle School | 46 | 13 | 28 | 3 | 18 | 10 |
| St. Charles East High School | 81 | 22 | 41 | 2 | 40 | 20 |
| St. Charles North High School | 69 | 16 | 44 | 0 | 25 | 16 |
| Administration Building | 6 | 0 | 2 | 0 | 4 | 0 |
| Transportation Building | 7 | 0 | 1 | 0 | 6 | 0 |
| TOTALS | 608 | 129 | 263 | 23 | 345 | 106 |

**Lead in Potable Water Sample Results
Exceedances**

| Anderson Elementary School (0 of 7 Drinking Fountains) | | | |
|--|---------------------|--|---|
| Sample ID | Fixture Type | Sample Location | Laboratory Results (ppb)^a |
| AES-011 | Sink | Room 109 sink | 40.0 Hwo |
| AES-020 | Sink | Room 106 sink | 17.9 Hwo |
| AES-021 | Sink | Room 105 sink | 33.6 Hwo |
| AES-026 | Sink | Room 205 sink **Locked tight facet- forced open and faucet came off- yellow-brown H2O) | 44.1 Hwo |
| AES-027 | Sink | Room 203 sink- The Learning Zone | 20.9 Hwo |
| AES-029 | Sink | Room 101 sink **Water was turned off | 372 Hwo |
| Bell Graham Elementary School (0 of 7 Drinking Fountains) | | | |
| Sample ID | Fixture Type | Sample Location | Laboratory Results (ppb)^a |
| BGES-002 | Sink | Room A9 kitchen sink- Main Line first outlet | 20.1 Filter |
| BGES-026 | Sink | Room 300 sink | 19.3 Hwo |
| BGES-028 | Sink | Room 205 sink closer to the bathroom- Kindergarten Classroom | 16.3 Hwo |
| BGES-029 | Sink | Room 204 sink closer to the bathroom- Kindergarten Classroom | 35.4 Hwo |
| Davis Primary School (3 of 11 Drinking Fountains) | | | |
| Sample ID | Fixture Type | Sample Location | Laboratory Results (ppb)^a |
| DPS-001 | Sink | Room 122 Nurse's office sink | 30.7 Filter |
| DPS-003 | Sink | Room 117 Music room sink (used to rinse instruments) | 32.1 Hwo |
| DPS-009 | Sink | Room 205 sink | 46.4 Hwo |
| DPS-010 | Drinking Fountain | Room 207 drinking fountain. Brand: No visible brand- white ceramic sink. | 29.5 Abandoned |
| DPS-011 | Sink | Room 207 sink | 58.1 Hwo |
| DPS-012 | Sink | Room 208 sink | 111 Hwo |
| DPS-014 | Sink | Room 206 sink | 55.6 Hwo |

| | | | | |
|---------|-------------------|--|------|-----------|
| DPS-015 | Sink | Room 204 sink | 23.6 | Hwo |
| DPS-017 | Drinking Fountain | Room 203 drinking fountain. Brand: No visible brand- white ceramic sink. | 23.6 | Abandoned |
| DPS-018 | Sink | Room 201 sink | 160 | Hwo |
| DPS-019 | Sink | Room 203 sink | 389 | Hwo |
| DPS-021 | Sink | Room 103 sink | 78.9 | Hwo |
| DPS-023 | Drinking Fountain | Room 105 drinking fountain. Brand: No visible brand- white ceramic sink. | 72.6 | Abandoned |
| DPS-024 | Sink | Room 301 sink- Main Line first outlet | 16.3 | Hwo |

Ferson Creek Elementary School
(5 of 14 Drinking Fountains)

| Sample ID | Fixture Type | Sample Location | Laboratory Results (ppb) ^a | |
|-----------|-------------------|---|---------------------------------------|-----------|
| FCE-008 | Sink | Room 100 (Kindergarten classroom) sink located to the right. | 34.9 | Hwo |
| FCE-022 | Sink | Room 109 sink | 29.0 | Hwo |
| FCE-023 | Drinking Fountain | Room 121 drinking fountain. Brand: Elkay with Flexi-Guard | 52.5 | Filter |
| FCE-025 | Sink | Room 121 sink located next to 121A | 38.1 | Hwo |
| FCE-026 | Drinking Fountain | Room 120 drinking fountain. Brand: No visible brand- white ceramic sink. | 16.7 | Abandoned |
| FCE-027 | Drinking Fountain | Room 117 drinking fountain. Brand: No visible brand- white ceramic sink. | 47.9 | Abandoned |
| FCE-028 | Drinking Fountain | Drinking fountain located outside room 112A. Brand: Elkay with Flexi-Guard. | 21.2 | Replace |
| FCE-030 | Drinking Fountain | Drinking fountain located next to Room 300B. Brand: Elkay with Flexi-Guard. | 33.9 | Replace |

Fox Ridge Elementary School
(4 of 15 Drinking Fountains)

| Sample ID | Fixture Type | Sample Location | Laboratory Results (ppb) ^a | |
|-----------|-------------------|--|---------------------------------------|--------|
| FRE-005 | Sink | Room 403 Kitchen sink- first outlet from the Main Line | 22.6 | Filter |
| FRE-006 | Sink | Room 403 sink | 38.0 | Hwo |
| FRE-007 | Drinking Fountain | Room 101 drinking fountain. Brand: No visible brand- white ceramic sink. | 59.5 | Filter |
| FRE-008 | Sink | Room 101 sink located by drinking fountain- Kindergarten Class | 35.3 | Hwo |
| FRE-009 | Sink | Room 101 sink located by 101B- Kindergarten Class | 89.1 | Hwo |

| FRE-010 | Sink | Room 100 sink located by 100B- Kindergarten Class | 34.5 Hwo |
|--|-------------------|--|---------------------------------------|
| FRE-011 | Sink | Room 100 sink located by 100C- Kindergarten Class | 27.4 Hwo |
| FRE-014 | Sink | Room 102 sink | 16.3 Hwo |
| FRE-016 | Sink | Room 103 sink | 44.1 Hwo |
| FRE-018 | Sink | Room 104 sink | 31.2 Hwo |
| FRE-019 | Drinking Fountain | Room 106 drinking fountain. Brand: No visible brand- white ceramic sink | 17.1 Abandoned |
| FRE-020 | Sink | Room 106 sink | 87.6 Hwo |
| FRE-021 | Drinking Fountain | Room 107 drinking fountain. Brand: No visible brand- white ceramic sink | 69.5 Abandoned |
| FRE-027 | Sink | Room 121 sink by main entrance | 49.5 Hwo |
| Lincoln Elementary School (3 of 6 Drinking Fountains) | | | |
| Sample ID | Fixture Type | Sample Location | Laboratory Results (ppb) ^a |
| LES-004 | Drinking Fountain | Drinking fountain across Room 101. Brand: Oasis | 18.4 Replace |
| LES-005 | Drinking Fountain | Drinking fountain across Room 104. Brand: Elkay with Flexi-Guard | 60.6 Replace |
| LES-006 | Drinking Fountain | Room 105 drinking fountain. Brand: No visible brand- white ceramic sink. | 239 Abandoned |
| LES-009 | Sink | Gymnasium sink- Second main feed from the Main Line <i>Kitchen</i> | 29.8 Filter |
| LES-010 | Sink | Sink in Room 01 (downstairs) | 15.8 Hwo |
| Munhall Elementary School (0 of 10 Drinking Fountains) | | | |
| Sample ID | Fixture Type | Sample Location | Laboratory Results (ppb) ^a |
| MES-008 | Sink | Room 105 sink | 15.9 Hwo |
| MES-010 | Sink | Room 103 sink | 31.4 Hwo |
| MES-011 | Sink | Room 101 sink | 15.0 Hwo |
| MES-021 | Sink | Room 314 sink | 20.6 Hwo |
| Richmond Intermediate School (0 of 8 Drinking Fountains) | | | |
| Sample ID | Fixture Type | Sample Location | Laboratory Results (ppb) ^a |
| RIS-022 | Sink | Room 126 sink | 25.7 Hwo |

| RIS-026 | Sink | Room 136 sink | 24.3 Hwo |
|--|-------------------|---|---------------------------------------|
| Wasco Elementary School (3 of 10 Drinking Fountains) | | | |
| Sample ID | Fixture Type | Sample Location | Laboratory Results (ppb) ^a |
| WES-002 | Sink | Room 103 teacher's lounge sink. | 18.3 Filter |
| WES-003 | Drinking Fountain | Drinking fountain located in Room 100 (Community Room). Brand: Elkay EZH2O | 17.2 Filter |
| WES-004 | Sink | Room 100C Kitchen sink | 15.2 Filter |
| WES-006 | Drinking Fountain | Drinking fountain located to the left of Room 111- tall. Brand: Elkay | 27.3 Filter |
| WES-007 | Sink | Sink located across Room 610- left | 18.9 Hwo |
| WES-014 | Sink | Kitchen sink located in Room 401. | 46.1 Filter |
| WES-016 | Drinking Fountain | Drinking fountain located to the left of Room 207. White ceramic drinking fountain with no visible brand. | 32.8 Filter |
| WES-017 | Sink | Room 301 sink | 28.7 Hwo |
| WES-020 | Sink | Room 302 sink | 68.7 Hwo |
| WES-021 | Sink | Room 303 sink | 233 Hwo |
| WES-024 | Sink | Room 601 sink | 24.2 Hwo |
| WES-026 | Sink | Room 108 sink | 24.2 Hwo |
| Wild Rose Elementary School (1 of 12 Drinking Fountains) | | | |
| Sample ID | Fixture Type | Sample Location | Laboratory Results (ppb) ^a |
| WRE-002 | Sink | Room 720 Kitchen sink - Main line first outlet | 29.3 Filter |
| WRE-007 | Drinking Fountain | Room 600 drinking fountain located to the left by the entrance. No visible brand. | 19.6 Filter (a) |
| WRE-025 | Sink | Room 305 sink | 19.3 Hwo |
| Mades-Johnstone Center (0 of 5 Drinking Fountains) | | | |
| Sample ID | Fixture Type | Sample Location | Laboratory Results (ppb) ^a |
| MJ-010 | Sink | Room 115A sink | 34.8 Hwo |
| MJ-011 | Sink | Room 118 sink | 17.2 Hwo |
| MJ-014 | Sink | Room 122 sink | 15.5 Hwo |
| Haines Middle School (0 of 11 Drinking Fountains) | | | |

| Sample ID | Fixture Type | Sample Location | Laboratory Results (ppb) ^a |
|-----------|--------------|--|---------------------------------------|
| HMS-005 | Sink | Room 170- Nurse's office sink | 42.2 Filter |
| HMS-010 | Sink | Room 181A sink near the three basin sink | 22.4 Hwo |
| HMS-014 | Sink | Room 140 sink | 32.0 Hwo |

Wredling Middle School

(3 of 28 Drinking Fountains)

| Sample ID | Fixture Type | Sample Location | Laboratory Results (ppb) ^a |
|-----------|-------------------|---|---------------------------------------|
| WMS-001 | Sink | Room 501C Nurse's office sink | 31.0 Filter |
| WMS-003 | Sink | Room 507- Teacher's lounge sink <i>Work Room</i> | 70.1 Hwo |
| WMS-015 | Drinking Fountain | Room 606 drinking fountain. Brand: Elkay with Flexi-Guard | 16.9 Abandoned |
| WMS-029 | Drinking Fountain | Drinking fountain located to the left of Room 201. Brand: Elkay | 23.3 Filter |
| WMS-030 | Drinking Fountain | Drinking fountain located to the right of Room 211. Brand: Elkay | 31.1 Filter |
| WMS-036 | Sink | Room 405 Home Economics sink going clockwise from the entrance- 1 | 17.2 Filter |
| WMS-037 | Sink | Room 405 Home Economics sink going clockwise from the entrance- 2 | 20.2 Filter |
| WMS-038 | Sink | Room 405 Home Economics sink going clockwise from the entrance -3 | 19.3 Filter |
| WMS-039 | Sink | Room 405 Home Economics sink going clockwise from the entrance -4 | 22.7 Filter |
| WMS-041 | Sink | Room 405 Home Economics sink going clockwise from the entrance- 6 | 18.8 Filter |
| WMS-042 | Sink | Room 405 Home Economics sink going clockwise from the entrance- 7 | 20.6 Filter |
| WMS-043 | Sink | Room 405 Home Economics sink going clockwise from the entrance- 8 | 16.1 Filter |
| WMS-046 | Sink | Room 301 Faculty lounge sink | 32.8 Filter |

St. Charles North High School

(0 of 45 Drinking Fountains)

| Sample ID | Fixture Type | Sample Location | Laboratory Results (ppb) ^a |
|-----------|--------------|---------------------------------|---------------------------------------|
| NHS-003 | Sink | Room 507 sink (used by faculty) | 24.7 H.w.o. |

| | | | | |
|---------|------|---|------|--------|
| NHS-004 | Sink | Room 501C (Nurse's office) sink | 66.4 | Filter |
| NHS-005 | Sink | Room 501D (Nurse's office) sink | 570 | Hwo |
| NHS-006 | Sink | Room 500D (Nurse's office) sink | 33.8 | Hwo |
| NHS-007 | Sink | Room 502 sink <i>Staff Lounge</i> | 28.3 | Filter |
| NHS-009 | Sink | Sink located directly across Room 506A. Main line first outlet <i>Kitchen</i> | 40.8 | Filter |
| NHS-032 | Sink | Room 411 sink | 84.8 | Hwo |
| NHS-037 | Sink | Room 448, Faculty Work Room, sink | 42.3 | Hwo |
| NHS-059 | Sink | Room 301 sink | 18.6 | Hwo |
| NHS-061 | Sink | Room 405, Home Economics, sink going clockwise from the main entrance- 1 | 106 | Filter |
| NHS-062 | Sink | Room 405, Home Economics, sink going clockwise from the main entrance- 2 | 68.2 | Filter |
| NHS-063 | Sink | Room 405, Home Economics, sink going clockwise from the main entrance- 3 | 446 | Filter |
| NHS-064 | Sink | Room 405, Home Economics, sink going clockwise from the main entrance- 4 | 536 | Filter |
| NHS-065 | Sink | Room 405, Home Economics, sink going clockwise from the main entrance- 5 | 71.6 | Filter |
| NHS-066 | Sink | Room 405, Home Economics, sink going clockwise from the main entrance- 6 | 126 | Filter |
| NHS-067 | Sink | Room 405, Home Economics, sink going clockwise from the main entrance- 7 | 72.5 | Filter |

St. Charles East High School

(2 of 38 Drinking Fountains)

| Sample ID | Fixture Type | Sample Location | Laboratory Results (ppb) ^a | |
|-----------|-------------------|--|---------------------------------------|---------|
| EHS-003 | Sink | Conference Room sink | 23.9 | Hwo |
| EHS-013 | Sink | Nurse's office sink Room A104E | 137 | Filter |
| EHS-015 | Sink | Sink located across Room 104B <i>Nurse</i> | 43.0 | Hwo |
| EHS-019 | Drinking Fountain | Drinking fountain located across Room E171. Brand: Elkay with Flexi-Guard | 24.6 | Replace |
| EHS-020 | Drinking Fountain | Drinking fountain located across Room E175. Brand: Elkay Design 2000 with Water Sentry | 65.5 | Replace |

| | | | | |
|---|------|--|------|--------------|
| EHS-022 | Sink | Sink located across Room F246A with filter attached. | 21.3 | Filter |
| EHS-025 | Sink | Room F243, Home Economics, sink starting clockwise from the main entrance- 1 | 38.7 | Filter |
| EHS-026 | Sink | Room F243, Home Economics, sink starting clockwise from the main entrance- 2 | 46.1 | Filter |
| EHS-027 | Sink | Room F243, Home Economics, sink starting clockwise from the main entrance- 3 | 52.7 | Filter |
| EHS-028 | Sink | Room F243, Home Economics, sink starting clockwise from the main entrance- 4 | 58.7 | Filter |
| EHS-042 | Sink | Room C131D sink | 23.0 | Hwo |
| EHS-046 | Sink | Sink located to the left of Room B111C | 27.9 | Filter |
| EHS-047 | Sink | Sink located to the right of Room B111C | 39.9 | Filter |
| EHS-048 | Sink | Sink located the furthest from Room B111C | 49.3 | Filter |
| EHS-049 | Sink | Sink located to the right of Room B114 | 56.5 | Filter |
| EHS-050 | Sink | Room B113 sink <i>Get Away</i> | 24.9 | Filter |
| EHS-051 | Sink | Room B112A sink <i>Get Away</i> | 73.0 | Filter |
| EHS-055 | Sink | Room B114, Home Economics, sink starting clockwise from the main entrance- 4 | 26.6 | All Faucets |
| EHS-056 | Sink | Room B114, Home Economics, sink starting clockwise from the main entrance- 5 | 17.8 | Filtered (2) |
| EHS-065 | Sink | Room SC120 sink | 171 | Filter |
| EHS-074 | Sink | Room G192 sink <i>Gym Concession</i> | 55.4 | Filter |
| EHS-076 | Sink | Room G195B sink | 18.0 | Hwo |
| Corron Elementary School- No Exceedances | | | | |
| Norton Creek Elementary School- No Exceedances | | | | |
| Thompson Middle School- No Exceedances | | | | |
| Administration Building- No Exceedances | | | | |
| Transportation Building- No Exceedances | | | | |

Notes:

a. ppb denotes parts per billion

Bold indicates greater than EPA Action Level of 15 ppb