

**Portland Public Schools**  
**Lead and Copper Water Sampling Results**  
**Initial and Follow Up Flush Sample Data**  
**Bridger**

| Sample Identification # | Location     | Date/Time Collected | Date Analyzed | Lab ID        | Analyte | Results | Detection Limit | PPS Action Level* | Units |
|-------------------------|--------------|---------------------|---------------|---------------|---------|---------|-----------------|-------------------|-------|
| 238-CH4624-N/A-001-A    | Classroom 43 | 9/15/2018           | 9/18/2018     | A8I0439-17    | Copper  | 0.859   | 0.00200         | 1.3               | ppm   |
| 238-CH4624-N/A-001-A    | Classroom 43 | 9/15/2018           | 9/18/2018     | A8I0439-17    | Lead    | 16.9    | 0.200           | 15                | ppb   |
| 238-CH4624-N/A-001-B    | Classroom 43 | 9/15/2018           | 9/18/2018     | A8I0439-18RE2 | Copper  | 1.50    | 0.0100          | 1.3               | ppm   |
| 238-CH4624-N/A-001-B    | Classroom 43 | 9/15/2018           | 9/18/2018     | A8I0439-18    | Lead    | 8.34    | 0.200           | 15                | ppb   |
| 238-CH4627-N/A-001-A    | Classroom 42 | 9/15/2018           | 9/18/2018     | A8I0439-19    | Copper  | 0.299   | 0.00200         | 1.3               | ppm   |
| 238-CH4627-N/A-001-A    | Classroom 42 | 9/15/2018           | 9/18/2018     | A8I0439-19    | Lead    | 1.15    | 0.200           | 15                | ppb   |
| 238-CH4627-N/A-001-B    | Classroom 42 | 9/15/2018           | 9/18/2018     | A8I0439-20    | Copper  | 0.359   | 0.00200         | 1.3               | ppm   |
| 238-CH4627-N/A-001-B    | Classroom 42 | 9/15/2018           | 9/18/2018     | A8I0439-20    | Lead    | 4.53    | 0.200           | 15                | ppb   |
| 238-CH4628-N/A-001-A    | Classroom 10 | 9/15/2018           | 9/18/2018     | A8I0439-09    | Copper  | 0.535   | 0.00200         | 1.3               | ppm   |
| 238-CH4628-N/A-001-A    | Classroom 10 | 9/15/2018           | 9/18/2018     | A8I0439-09    | Lead    | 4.95    | 0.200           | 15                | ppb   |
| 238-CH4628-N/A-001-B    | Classroom 10 | 9/15/2018           | 9/18/2018     | A8I0439-10    | Copper  | 0.478   | 0.00200         | 1.3               | ppm   |
| 238-CH4628-N/A-001-B    | Classroom 10 | 9/15/2018           | 9/18/2018     | A8I0439-10    | Lead    | 1.71    | 0.200           | 15                | ppb   |
| 238-CH4631-N/A-001-A    | Classroom 4  | 9/15/2018           | 9/18/2018     | A8I0439-07RE1 | Copper  | 1.38    | 0.0100          | 1.3               | ppm   |
| 238-CH4631-N/A-001-A    | Classroom 4  | 9/15/2018           | 9/18/2018     | A8I0439-07    | Lead    | 11.1    | 0.200           | 15                | ppb   |
| 238-CH4631-N/A-001-B    | Classroom 4  | 9/15/2018           | 9/18/2018     | A8I0439-08RE1 | Copper  | 0.872   | 0.0100          | 1.3               | ppm   |
| 238-CH4631-N/A-001-B    | Classroom 4  | 9/15/2018           | 9/18/2018     | A8I0439-08    | Lead    | 2.84    | 0.200           | 15                | ppb   |

Analyzed by: Apex Laboratories

Reviewed by: PBS Engineering and Environmental

\*EPA action level for lead is 20 ppb and 1.3 ppm for copper

|                      |              |           |           |               |        |       |         |     |     |
|----------------------|--------------|-----------|-----------|---------------|--------|-------|---------|-----|-----|
| 238-CH4633-N/A-001-A | Classroom 41 | 9/15/2018 | 9/18/2018 | A8I0439-23    | Copper | 0.135 | 0.00200 | 1.3 | ppm |
| 238-CH4633-N/A-001-A | Classroom 41 | 9/15/2018 | 9/18/2018 | A8I0439-23    | Lead   | 10.3  | 0.200   | 15  | ppb |
| 238-CH4633-N/A-001-B | Classroom 41 | 9/15/2018 | 9/18/2018 | A8I0439-24    | Copper | 0.234 | 0.00200 | 1.3 | ppm |
| 238-CH4633-N/A-001-B | Classroom 41 | 9/15/2018 | 9/18/2018 | A8I0439-24    | Lead   | 6.01  | 0.200   | 15  | ppb |
| 238-CH4634-N/A-001-A | Classroom 40 | 9/15/2018 | 9/18/2018 | A8I0439-01    | Copper | 0.523 | 0.00200 | 1.3 | ppm |
| 238-CH4634-N/A-001-A | Classroom 40 | 9/15/2018 | 9/18/2018 | A8I0439-25    | Copper | 0.534 | 0.00200 | 1.3 | ppm |
| 238-CH4634-N/A-001-A | Classroom 40 | 9/15/2018 | 9/18/2018 | A8I0439-25    | Lead   | 8.54  | 0.200   | 15  | ppb |
| 238-CH4634-N/A-001-A | Classroom 40 | 9/15/2018 | 9/18/2018 | A8I0439-01    | Lead   | 8.75  | 0.200   | 15  | ppb |
| 238-CH4634-N/A-001-B | Classroom 40 | 9/15/2018 | 9/18/2018 | A8I0439-02    | Copper | 0.562 | 0.00200 | 1.3 | ppm |
| 238-CH4634-N/A-001-B | Classroom 40 | 9/15/2018 | 9/18/2018 | A8I0439-26    | Copper | 0.581 | 0.00200 | 1.3 | ppm |
| 238-CH4634-N/A-001-B | Classroom 40 | 9/15/2018 | 9/18/2018 | A8I0439-26    | Lead   | 1.67  | 0.200   | 15  | ppb |
| 238-CH4634-N/A-001-B | Classroom 40 | 9/15/2018 | 9/18/2018 | A8I0439-02    | Lead   | 2.97  | 0.200   | 15  | ppb |
| 238-CH4636-N/A-001-A | Classroom 23 | 9/15/2018 | 9/18/2018 | A8I0439-21    | Copper | 0.501 | 0.00200 | 1.3 | ppm |
| 238-CH4636-N/A-001-A | Classroom 23 | 9/15/2018 | 9/18/2018 | A8I0439-21    | Lead   | 7.27  | 0.200   | 15  | ppb |
| 238-CH4636-N/A-001-B | Classroom 23 | 9/15/2018 | 9/18/2018 | A8I0439-22RE1 | Copper | 0.375 | 0.00200 | 1.3 | ppm |
| 238-CH4636-N/A-001-B | Classroom 23 | 9/15/2018 | 9/18/2018 | A8I0439-22RE1 | Lead   | 2.44  | 0.200   | 15  | ppb |
| 238-CH4637-N/A-001-A | Classroom 7  | 9/15/2018 | 9/18/2018 | A8I0439-03    | Copper | 0.549 | 0.00200 | 1.3 | ppm |
| 238-CH4637-N/A-001-A | Classroom 7  | 9/15/2018 | 9/18/2018 | A8I0439-03    | Lead   | 10.4  | 0.200   | 15  | ppb |
| 238-CH4637-N/A-001-B | Classroom 7  | 9/15/2018 | 9/18/2018 | A8I0439-04    | Copper | 0.503 | 0.00200 | 1.3 | ppm |
| 238-CH4637-N/A-001-B | Classroom 7  | 9/15/2018 | 9/18/2018 | A8I0439-04    | Lead   | 2.82  | 0.200   | 15  | ppb |

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|----------------------|--------------|-----------|-----------|---------------|--------|---------|---------|-----|-----|
| 238-CH4640-N/A-001-A | Classroom 8  | 9/15/2018 | 9/18/2018 | A8I0439-05    | Copper | 0.499   | 0.00200 | 1.3 | ppm |
| 238-CH4640-N/A-001-A | Classroom 8  | 9/15/2018 | 9/18/2018 | A8I0439-05    | Lead   | 11.8    | 0.200   | 15  | ppb |
| 238-CH4640-N/A-001-B | Classroom 8  | 9/15/2018 | 9/18/2018 | A8I0439-06    | Copper | 0.530   | 0.00200 | 1.3 | ppm |
| 238-CH4640-N/A-001-B | Classroom 8  | 9/15/2018 | 9/18/2018 | A8I0439-06    | Lead   | 3.27    | 0.200   | 15  | ppb |
| 238-CH4643-N/A-001-A | Classroom 45 | 9/15/2018 | 9/18/2018 | A8I0439-15RE2 | Copper | 1.13    | 0.0100  | 1.3 | ppm |
| 238-CH4643-N/A-001-A | Classroom 45 | 9/15/2018 | 9/18/2018 | A8I0439-15    | Lead   | 8.20    | 0.200   | 15  | ppb |
| 238-CH4643-N/A-001-B | Classroom 45 | 9/15/2018 | 9/18/2018 | A8I0439-16RE2 | Copper | 1.27    | 0.0100  | 1.3 | ppm |
| 238-CH4643-N/A-001-B | Classroom 45 | 9/15/2018 | 9/18/2018 | A8I0439-16    | Lead   | 4.32    | 0.200   | 15  | ppb |
| 238-CH4970-N/A-001-A | Classroom 12 | 9/15/2018 | 9/18/2018 | A8I0439-13    | Copper | 0.0153  | 0.00200 | 1.3 | ppm |
| 238-CH4970-N/A-001-A | Classroom 12 | 9/15/2018 | 9/18/2018 | A8I0439-13    | Lead   | 7.62    | 0.200   | 15  | ppb |
| 238-CH4970-N/A-001-B | Classroom 12 | 9/15/2018 | 9/18/2018 | A8I0439-14    | Copper | 0.00292 | 0.00200 | 1.3 | ppm |
| 238-CH4970-N/A-001-B | Classroom 12 | 9/15/2018 | 9/18/2018 | A8I0439-14    | Lead   | 0.665   | 0.200   | 15  | ppb |
| 238-CH4971-N/A-001-A | Classroom 1  | 9/15/2018 | 9/18/2018 | A8I0439-11RE1 | Copper | 1.07    | 0.0100  | 1.3 | ppm |
| 238-CH4971-N/A-001-A | Classroom 1  | 9/15/2018 | 9/18/2018 | A8I0439-11    | Lead   | 11.3    | 0.200   | 15  | ppb |
| 238-CH4971-N/A-001-B | Classroom 1  | 9/15/2018 | 9/18/2018 | A8I0439-12RE2 | Copper | 1.36    | 0.0100  | 1.3 | ppm |
| 238-CH4971-N/A-001-B | Classroom 1  | 9/15/2018 | 9/18/2018 | A8I0439-12    | Lead   | 3.72    | 0.200   | 15  | ppb |
| 238-CH4973-N/A-001-A | Classroom 29 | 9/15/2018 | 9/18/2018 | A8I0439-27    | Copper | 0.203   | 0.00200 | 1.3 | ppm |
| 238-CH4973-N/A-001-A | Classroom 29 | 9/15/2018 | 9/18/2018 | A8I0439-27    | Lead   | 9.22    | 0.200   | 15  | ppb |
| 238-CH4973-N/A-001-B | Classroom 29 | 9/15/2018 | 9/18/2018 | A8I0439-28    | Copper | 0.355   | 0.00200 | 1.3 | ppm |
| 238-CH4973-N/A-001-B | Classroom 29 | 9/15/2018 | 9/18/2018 | A8I0439-28    | Lead   | 4.32    | 0.200   | 15  | ppb |

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|                      |              |           |           |            |        |         |         |     |     |
|----------------------|--------------|-----------|-----------|------------|--------|---------|---------|-----|-----|
| 238-CH4974-N/A-001-A | Classroom 33 | 9/15/2018 | 9/18/2018 | A8I0439-29 | Copper | 0.426   | 0.00200 | 1.3 | ppm |
| 238-CH4974-N/A-001-A | Classroom 33 | 9/15/2018 | 9/18/2018 | A8I0439-29 | Lead   | 6.63    | 0.200   | 15  | ppb |
| 238-CH4974-N/A-001-B | Classroom 33 | 9/15/2018 | 9/18/2018 | A8I0439-30 | Copper | 0.333   | 0.00200 | 1.3 | ppm |
| 238-CH4974-N/A-001-B | Classroom 33 | 9/15/2018 | 9/18/2018 | A8I0439-30 | Lead   | 2.71    | 0.200   | 15  | ppb |
| 238-CH4979-N/A-001-A | Portable 02  | 9/15/2018 | 9/18/2018 | A8I0439-31 | Copper | 0.0179  | 0.00200 | 1.3 | ppm |
| 238-CH4979-N/A-001-A | Portable 02  | 9/15/2018 | 9/18/2018 | A8I0439-31 | Lead   | 3.72    | 0.200   | 15  | ppb |
| 238-CH4979-N/A-001-B | Portable 02  | 9/15/2018 | 9/18/2018 | A8I0439-32 | Copper | 0.00636 | 0.00200 | 1.3 | ppm |
| 238-CH4979-N/A-001-B | Portable 02  | 9/15/2018 | 9/18/2018 | A8I0439-32 | Lead   | 0.728   | 0.200   | 15  | ppb |
| 238-CH4980-N/A-001-A | Portable 03  | 9/15/2018 | 9/18/2018 | A8I0439-33 | Copper | 0.0867  | 0.00200 | 1.3 | ppm |
| 238-CH4980-N/A-001-A | Portable 03  | 9/15/2018 | 9/18/2018 | A8I0439-33 | Lead   | 5.73    | 0.200   | 15  | ppb |
| 238-CH4980-N/A-001-B | Portable 03  | 9/15/2018 | 9/18/2018 | A8I0439-34 | Copper | 0.0300  | 0.00200 | 1.3 | ppm |
| 238-CH4980-N/A-001-B | Portable 03  | 9/15/2018 | 9/18/2018 | A8I0439-34 | Lead   | 1.19    | 0.200   | 15  | ppb |
| 238-CH4981-N/A-001-A | Portable 04  | 9/15/2018 | 9/18/2018 | A8I0439-35 | Copper | 0.0572  | 0.00200 | 1.3 | ppm |
| 238-CH4981-N/A-001-A | Portable 04  | 9/15/2018 | 9/18/2018 | A8I0439-35 | Lead   | 5.42    | 0.200   | 15  | ppb |
| 238-CH4981-N/A-001-B | Portable 04  | 9/15/2018 | 9/18/2018 | A8I0439-36 | Copper | 0.00906 | 0.00200 | 1.3 | ppm |
| 238-CH4981-N/A-001-B | Portable 04  | 9/15/2018 | 9/18/2018 | A8I0439-36 | Lead   | 0.808   | 0.200   | 15  | ppb |

Results highlighted indicate a value at or above the PPS Action Level and that the fixture is under further review. During review, the highlighted fixture(s) will remain out of service.