

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

| Sample Identification # | Location                                    | Date Collected | Date Analyzed | Lab ID     | Analyte | Results | Detection Limit | PPS Action Level* | Units |
|-------------------------|---------------------------------------------|----------------|---------------|------------|---------|---------|-----------------|-------------------|-------|
| 160-4349-N/A-001-A      | Classroom Sink Bubbler - Classroom 3        | 9/12/2018      | 9/13/2018     | A8I0279-01 | Copper  | 0.00941 | 0.00200         | 1.3               | ppm   |
| 160-4349-N/A-001-A      | Classroom Sink Bubbler - Classroom 3        | 9/12/2018      | 9/13/2018     | A8I0279-01 | Lead    | 4.38    | 0.200           | 15                | ppb   |
| 160-4349-N/A-001-B      | Classroom Sink Bubbler - Classroom 3        | 9/12/2018      | 9/13/2018     | A8I0279-02 | Copper  | 0.00449 | 0.00200         | 1.3               | ppm   |
| 160-4349-N/A-001-B      | Classroom Sink Bubbler - Classroom 3        | 9/12/2018      | 9/13/2018     | A8I0279-02 | Lead    | 2.79    | 0.200           | 15                | ppb   |
| 160-4355-N/A-001-A      | Classroom Sink Bubbler - Classroom 4        | 9/12/2018      | 9/13/2018     | A8I0279-03 | Copper  | 0.0581  | 0.00200         | 1.3               | ppm   |
| 160-4355-N/A-001-A      | Classroom Sink Bubbler - Classroom 4        | 9/12/2018      | 9/13/2018     | A8I0279-03 | Lead    | 7.63    | 0.200           | 15                | ppb   |
| 160-4355-N/A-001-B      | Classroom Sink Bubbler - Classroom 4        | 9/12/2018      | 9/13/2018     | A8I0279-04 | Copper  | 0.0184  | 0.00200         | 1.3               | ppm   |
| 160-4355-N/A-001-B      | Classroom Sink Bubbler - Classroom 4        | 9/12/2018      | 9/13/2018     | A8I0279-04 | Lead    | 3.52    | 0.200           | 15                | ppb   |
| 160-4370-N/A-001-A      | Classroom Sink Bubbler - Classroom 6        | 9/12/2018      | 9/13/2018     | A8I0279-05 | Copper  | 0.0155  | 0.00200         | 1.3               | ppm   |
| 160-4370-N/A-001-A      | Classroom Sink Bubbler - Classroom 6        | 9/12/2018      | 9/13/2018     | A8I0279-05 | Lead    | 19.0    | 0.200           | 15                | ppb   |
| 160-4370-N/A-001-B      | Classroom Sink Bubbler - Classroom 6        | 9/12/2018      | 9/13/2018     | A8I0279-06 | Copper  | 0.00372 | 0.00200         | 1.3               | ppm   |
| 160-4370-N/A-001-B      | Classroom Sink Bubbler - Classroom 6        | 9/12/2018      | 9/13/2018     | A8I0279-06 | Lead    | 14.3    | 0.200           | 15                | ppb   |
| 160-4350-N/A-001-A      | Drinking Fountain (Porcelain) - Classroom 8 | 9/12/2018      | 9/13/2018     | A8I0279-07 | Copper  | 0.0174  | 0.00200         | 1.3               | ppm   |
| 160-4350-N/A-001-A      | Drinking Fountain (Porcelain) - Classroom 8 | 9/12/2018      | 9/13/2018     | A8I0279-07 | Lead    | 13.9    | 0.200           | 15                | ppb   |
| 160-4350-N/A-001-B      | Drinking Fountain (Porcelain) - Classroom 8 | 9/12/2018      | 9/13/2018     | A8I0279-08 | Copper  | 0.0121  | 0.00200         | 1.3               | ppm   |
| 160-4350-N/A-001-B      | Drinking Fountain (Porcelain) - Classroom 8 | 9/12/2018      | 9/13/2018     | A8I0279-08 | Lead    | 10.0    | 0.200           | 15                | ppb   |
| 160-4367-N/A-001-A      | Classroom Sink Bubbler - Classroom 9        | 9/12/2018      | 9/13/2018     | A8I0279-09 | Copper  | 0.0449  | 0.00200         | 1.3               | ppm   |
| 160-4367-N/A-001-A      | Classroom Sink Bubbler - Classroom 9        | 9/12/2018      | 9/13/2018     | A8I0279-09 | Lead    | 13.0    | 0.200           | 15                | ppb   |
| 160-4367-N/A-001-B      | Classroom Sink Bubbler - Classroom 9        | 9/12/2018      | 9/13/2018     | A8I0279-10 | Copper  | 0.0157  | 0.00200         | 1.3               | ppm   |
| 160-4367-N/A-001-B      | Classroom Sink Bubbler - Classroom 9        | 9/12/2018      | 9/13/2018     | A8I0279-10 | Lead    | 3.54    | 0.200           | 15                | ppb   |
| 160-4358-N/A-001-A      | Classroom Sink Bubbler - Classroom 10       | 9/12/2018      | 9/13/2018     | A8I0279-11 | Copper  | 0.207   | 0.00200         | 1.3               | ppm   |
| 160-4358-N/A-001-A      | Classroom Sink Bubbler - Classroom 10       | 9/12/2018      | 9/13/2018     | A8I0279-11 | Lead    | 11.0    | 0.200           | 15                | ppb   |
| 160-4358-N/A-001-B      | Classroom Sink Bubbler - Classroom 10       | 9/12/2018      | 9/13/2018     | A8I0279-12 | Copper  | 0.0240  | 0.00200         | 1.3               | ppm   |

Analyzed by: Apex Laboratories  
Reviewed by: G2 Consultants, Inc.

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

|                    |                                       |           |           |               |        |         |         |     |     |
|--------------------|---------------------------------------|-----------|-----------|---------------|--------|---------|---------|-----|-----|
| 160-4358-N/A-001-B | Classroom Sink Bubbler - Classroom 10 | 9/12/2018 | 9/13/2018 | A8I0279-12    | Lead   | 1.36    | 0.200   | 15  | ppb |
| 160-4352-N/A-001-A | Classroom Sink Bubbler - Classroom 11 | 9/12/2018 | 9/13/2018 | A8I0279-13    | Copper | 0.0529  | 0.00200 | 1.3 | ppm |
| 160-4352-N/A-001-A | Classroom Sink Bubbler - Classroom 11 | 9/12/2018 | 9/13/2018 | A8I0279-13    | Lead   | 5.84    | 0.200   | 15  | ppb |
| 160-4352-N/A-001-B | Classroom Sink Bubbler - Classroom 11 | 9/12/2018 | 9/14/2018 | A8I0279-14RE1 | Copper | 0.00731 | 0.00200 | 1.3 | ppm |
| 160-4352-N/A-001-B | Classroom Sink Bubbler - Classroom 11 | 9/12/2018 | 9/13/2018 | A8I0279-14    | Lead   | 0.927   | 0.200   | 15  | ppb |
| 160-4351-N/A-001-A | Classroom Sink Bubbler - Classroom 14 | 9/12/2018 | 9/14/2018 | A8I0279-15RE1 | Copper | 0.0207  | 0.00200 | 1.3 | ppm |
| 160-4351-N/A-001-A | Classroom Sink Bubbler - Classroom 14 | 9/12/2018 | 9/13/2018 | A8I0279-15    | Lead   | 3.73    | 0.200   | 15  | ppb |
| 160-4351-N/A-001-B | Classroom Sink Bubbler - Classroom 14 | 9/12/2018 | 9/14/2018 | A8I0279-16RE2 | Copper | 0.00773 | 0.00200 | 1.3 | ppm |
| 160-4351-N/A-001-B | Classroom Sink Bubbler - Classroom 14 | 9/12/2018 | 9/13/2018 | A8I0279-16    | Lead   | 1.33    | 0.200   | 15  | ppb |
| 160-4363-N/A-001-A | Classroom Sink Bubbler - Classroom 16 | 9/12/2018 | 9/14/2018 | A8I0279-17RE2 | Copper | 0.0238  | 0.00200 | 1.3 | ppm |
| 160-4363-N/A-001-A | Classroom Sink Bubbler - Classroom 16 | 9/12/2018 | 9/13/2018 | A8I0279-17    | Lead   | 12.3    | 0.200   | 15  | ppb |
| 160-4363-N/A-001-B | Classroom Sink Bubbler - Classroom 16 | 9/12/2018 | 9/14/2018 | A8I0279-18RE2 | Copper | 0.00959 | 0.00200 | 1.3 | ppm |
| 160-4363-N/A-001-B | Classroom Sink Bubbler - Classroom 16 | 9/12/2018 | 9/13/2018 | A8I0279-18    | Lead   | 3.51    | 0.200   | 15  | ppb |
| 160-4369-N/A-001-A | Classroom Sink Bubbler - Classroom 17 | 9/12/2018 | 9/14/2018 | A8I0279-19RE1 | Copper | 0.0450  | 0.00200 | 1.3 | ppm |
| 160-4369-N/A-001-A | Classroom Sink Bubbler - Classroom 17 | 9/12/2018 | 9/13/2018 | A8I0279-19    | Lead   | 11.1    | 0.200   | 15  | ppb |
| 160-4369-N/A-001-B | Classroom Sink Bubbler - Classroom 17 | 9/12/2018 | 9/14/2018 | A8I0279-20RE1 | Copper | 0.00535 | 0.00200 | 1.3 | ppm |
| 160-4369-N/A-001-B | Classroom Sink Bubbler - Classroom 17 | 9/12/2018 | 9/13/2018 | A8I0279-20    | Lead   | 2.10    | 0.200   | 15  | ppb |
| 160-4372-N/A-001-A | Classroom Sink Bubbler - Classroom 18 | 9/12/2018 | 9/14/2018 | A8I0279-21RE1 | Copper | 0.0357  | 0.00200 | 1.3 | ppm |
| 160-4372-N/A-001-A | Classroom Sink Bubbler - Classroom 18 | 9/12/2018 | 9/13/2018 | A8I0279-21    | Lead   | 10.5    | 0.200   | 15  | ppb |
| 160-4372-N/A-001-B | Classroom Sink Bubbler - Classroom 18 | 9/12/2018 | 9/14/2018 | A8I0279-22RE1 | Copper | 0.00923 | 0.00200 | 1.3 | ppm |
| 160-4372-N/A-001-B | Classroom Sink Bubbler - Classroom 18 | 9/12/2018 | 9/13/2018 | A8I0279-22    | Lead   | 4.48    | 0.200   | 15  | ppb |
| 160-4382-N/A-001-A | Classroom Sink Bubbler - Classroom 19 | 9/12/2018 | 9/14/2018 | A8I0279-23RE1 | Copper | 0.00961 | 0.00200 | 1.3 | ppm |
| 160-4382-N/A-001-A | Classroom Sink Bubbler - Classroom 19 | 9/12/2018 | 9/13/2018 | A8I0279-23    | Lead   | 10.3    | 0.200   | 15  | ppb |
| 160-4382-N/A-001-B | Classroom Sink Bubbler - Classroom 19 | 9/12/2018 | 9/14/2018 | A8I0279-24RE1 | Copper | 0.00418 | 0.00200 | 1.3 | ppm |
| 160-4382-N/A-001-B | Classroom Sink Bubbler - Classroom 19 | 9/12/2018 | 9/13/2018 | A8I0279-24    | Lead   | 5.48    | 0.200   | 15  | ppb |
| 160-4385-N/A-001-A | Classroom Sink Bubbler - Classroom 20 | 9/12/2018 | 9/14/2018 | A8I0279-25    | Copper | 0.0684  | 0.00200 | 1.3 | ppm |
| 160-4385-N/A-001-A | Classroom Sink Bubbler - Classroom 20 | 9/12/2018 | 9/14/2018 | A8I0279-25    | Lead   | 71.7    | 0.200   | 15  | ppb |
| 160-4385-N/A-001-B | Classroom Sink Bubbler - Classroom 20 | 9/12/2018 | 9/14/2018 | A8I0279-26    | Copper | 0.0444  | 0.00200 | 1.3 | ppm |

|                    |                                       |           |           |               |        |         |         |     |     |
|--------------------|---------------------------------------|-----------|-----------|---------------|--------|---------|---------|-----|-----|
| 160-4385-N/A-001-B | Classroom Sink Bubbler - Classroom 20 | 9/12/2018 | 9/14/2018 | A8I0279-26    | Lead   | 65.5    | 0.200   | 15  | ppb |
| 160-4379-N/A-001-A | Classroom Sink Bubbler - Classroom 22 | 9/12/2018 | 9/14/2018 | A8I0279-27RE1 | Copper | 0.238   | 0.00200 | 1.3 | ppm |
| 160-4379-N/A-001-A | Classroom Sink Bubbler - Classroom 22 | 9/12/2018 | 9/13/2018 | A8I0279-27    | Lead   | 18.8    | 0.200   | 15  | ppb |
| 160-4379-N/A-001-B | Classroom Sink Bubbler - Classroom 22 | 9/12/2018 | 9/14/2018 | A8I0279-28RE1 | Copper | 0.0185  | 0.00200 | 1.3 | ppm |
| 160-4379-N/A-001-B | Classroom Sink Bubbler - Classroom 22 | 9/12/2018 | 9/13/2018 | A8I0279-28    | Lead   | 2.35    | 0.200   | 15  | ppb |
| 160-4375-N/A-001-A | Classroom Sink Bubbler - Classroom 23 | 9/12/2018 | 9/14/2018 | A8I0279-29RE1 | Copper | 0.0202  | 0.00200 | 1.3 | ppm |
| 160-4375-N/A-001-A | Classroom Sink Bubbler - Classroom 23 | 9/12/2018 | 9/13/2018 | A8I0279-29    | Lead   | 21.6    | 0.200   | 15  | ppb |
| 160-4375-N/A-001-B | Classroom Sink Bubbler - Classroom 23 | 9/12/2018 | 9/14/2018 | A8I0279-30RE1 | Copper | 0.00528 | 0.00200 | 1.3 | ppm |
| 160-4375-N/A-001-B | Classroom Sink Bubbler - Classroom 23 | 9/12/2018 | 9/13/2018 | A8I0279-30    | Lead   | 6.08    | 0.200   | 15  | ppb |
| 160-4366-N/A-001-A | Classroom Sink Bubbler - Classroom 24 | 9/12/2018 | 9/14/2018 | A8I0279-31RE1 | Copper | 0.0202  | 0.00200 | 1.3 | ppm |
| 160-4366-N/A-001-A | Classroom Sink Bubbler - Classroom 24 | 9/12/2018 | 9/13/2018 | A8I0279-31    | Lead   | 11.0    | 0.200   | 15  | ppb |
| 160-4366-N/A-001-B | Classroom Sink Bubbler - Classroom 24 | 9/12/2018 | 9/14/2018 | A8I0279-32    | Copper | 0.00535 | 0.00200 | 1.3 | ppm |
| 160-4366-N/A-001-B | Classroom Sink Bubbler - Classroom 24 | 9/12/2018 | 9/14/2018 | A8I0279-32    | Lead   | 3.26    | 0.200   | 15  | ppb |
| 160-4360-N/A-001-A | Classroom Sink Bubbler - Classroom 25 | 9/12/2018 | 9/14/2018 | A8I0279-33    | Copper | 0.0261  | 0.00200 | 1.3 | ppm |
| 160-4360-N/A-001-A | Classroom Sink Bubbler - Classroom 25 | 9/12/2018 | 9/14/2018 | A8I0279-33    | Lead   | 3.30    | 0.200   | 15  | ppb |
| 160-4360-N/A-001-B | Classroom Sink Bubbler - Classroom 25 | 9/12/2018 | 9/14/2018 | A8I0279-34    | Copper | 0.00735 | 0.00200 | 1.3 | ppm |
| 160-4360-N/A-001-B | Classroom Sink Bubbler - Classroom 25 | 9/12/2018 | 9/14/2018 | A8I0279-34    | Lead   | 2.06    | 0.200   | 15  | ppb |
| 160-4388-N/A-001-A | Drinking Fountain (Porcelain) - Gym   | 9/12/2018 | 9/14/2018 | A8I0279-35    | Copper | 0.0454  | 0.00200 | 1.3 | ppm |
| 160-4388-N/A-001-A | Drinking Fountain (Porcelain) - Gym   | 9/12/2018 | 9/14/2018 | A8I0279-35    | Lead   | 7.21    | 0.200   | 15  | ppb |
| 160-4388-N/A-001-B | Drinking Fountain (Porcelain) - Gym   | 9/12/2018 | 9/14/2018 | A8I0279-36    | Copper | 0.00564 | 0.00200 | 1.3 | ppm |
| 160-4388-N/A-001-B | Drinking Fountain (Porcelain) - Gym   | 9/12/2018 | 9/14/2018 | A8I0279-36    | Lead   | 2.95    | 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.