

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

| Sample Identification # | Location          | Date/Time Collected | Date Analyzed | Lab ID        | Analyte | Results | Detection Limit | PPS Action Level* | Units |
|-------------------------|-------------------|---------------------|---------------|---------------|---------|---------|-----------------|-------------------|-------|
| 118-CH3606-N/A-001-A    | Hall Bubbler      | 5/12/2018           | 5/22/2018     | A8E0415-01    | Copper  | 0.0727  | 0.001           | 1.3               | ppm   |
| 118-CH3606-N/A-001-A    | Hall Bubbler      | 5/12/2018           | 5/22/2018     | A8E0415-01    | Lead    | 10.1    | 0.2             | 15                | ppb   |
| 118-CH3606-N/A-001-B    | Hall Bubbler      | 5/12/2018           | 5/22/2018     | A8E0415-02    | Copper  | 0.0153  | 0.001           | 1.3               | ppm   |
| 118-CH3606-N/A-001-B    | Hall Bubbler      | 5/12/2018           | 5/22/2018     | A8E0415-02    | Lead    | 1.85    | 0.2             | 15                | ppb   |
| 118-CH3616-A-001-A      | Hall Bubbler      | 5/12/2018           | 5/23/2018     | A8E0415-07RE1 | Copper  | 0.0181  | 0.001           | 1.3               | ppm   |
| 118-CH3616-A-001-A      | Hall Bubbler      | 5/12/2018           | 5/23/2018     | A8E0415-07RE1 | Lead    | 1.93    | 0.2             | 15                | ppb   |
| 118-CH3616-A-001-B      | Hall Bubbler      | 5/12/2018           | 5/23/2018     | A8E0415-08RE1 | Copper  | 0.00526 | 0.001           | 1.3               | ppm   |
| 118-CH3616-A-001-B      | Hall Bubbler      | 5/12/2018           | 5/23/2018     | A8E0415-08RE1 | Lead    | 2.34    | 0.2             | 15                | ppb   |
| 118-CH3616-B-001-A      | Hall Bubbler      | 5/12/2018           | 5/23/2018     | A8E0415-09RE1 | Copper  | 0.0218  | 0.001           | 1.3               | ppm   |
| 118-CH3616-B-001-A      | Hall Bubbler      | 5/12/2018           | 5/23/2018     | A8E0415-09RE1 | Lead    | 1.81    | 0.2             | 15                | ppb   |
| 118-CH3616-B-001-B      | Hall Bubbler      | 5/12/2018           | 5/23/2018     | A8E0415-10RE1 | Copper  | 0.00702 | 0.001           | 1.3               | ppm   |
| 118-CH3616-B-001-B      | Hall Bubbler      | 5/12/2018           | 5/23/2018     | A8E0415-10RE1 | Lead    | 0.833   | 0.2             | 15                | ppb   |
| 118-CH3628-N/A-001-A    | Cafeteria Bubbler | 5/12/2018           | 5/22/2018     | A8E0415-03    | Copper  | 0.152   | 0.001           | 1.3               | ppm   |
| 118-CH3628-N/A-001-A    | Cafeteria Bubbler | 5/12/2018           | 5/22/2018     | A8E0415-03    | Lead    | 3.18    | 0.2             | 15                | ppb   |
| 118-CH3628-N/A-001-B    | Cafeteria Bubbler | 5/12/2018           | 5/22/2018     | A8E0415-04    | Copper  | 0.00454 | 0.001           | 1.3               | ppm   |

Analyzed by: Apex Laboratories

Reviewed by: PBS Engineering and Environmental

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

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|                      |                      |           |           |               |        |         |       |     |     |
|----------------------|----------------------|-----------|-----------|---------------|--------|---------|-------|-----|-----|
| 118-CH3628-N/A-001-B | Cafeteria Bubbler    | 5/12/2018 | 5/22/2018 | A8E0415-04    | Lead   | 8.73    | 0.2   | 15  | ppb |
| 118-CH3629-N/A-001-A | Gym Bubbler          | 5/12/2018 | 5/22/2018 | A8E0415-35    | Copper | 0.0137  | 0.001 | 1.3 | ppm |
| 118-CH3629-N/A-001-A | Gym Bubbler          | 5/12/2018 | 5/22/2018 | A8E0415-35    | Lead   | 4.07    | 0.2   | 15  | ppb |
| 118-CH3629-N/A-001-B | Gym Bubbler          | 5/12/2018 | 5/22/2018 | A8E0415-36    | Copper | 0.00215 | 0.001 | 1.3 | ppm |
| 118-CH3629-N/A-001-B | Gym Bubbler          | 5/12/2018 | 5/22/2018 | A8E0415-36    | Lead   | 2.48    | 0.2   | 15  | ppb |
| 118-CH3631-N/A-001-A | Cafeteria Bubbler    | 5/12/2018 | 5/23/2018 | A8E0415-05RE1 | Copper | 0.0971  | 0.001 | 1.3 | ppm |
| 118-CH3631-N/A-001-A | Cafeteria Bubbler    | 5/12/2018 | 5/23/2018 | A8E0415-05RE1 | Lead   | 23.1    | 0.2   | 15  | ppb |
| 118-CH3631-N/A-001-B | Cafeteria Bubbler    | 5/12/2018 | 5/23/2018 | A8E0415-06RE1 | Copper | 0.0106  | 0.001 | 1.3 | ppm |
| 118-CH3631-N/A-001-B | Cafeteria Bubbler    | 5/12/2018 | 5/23/2018 | A8E0415-06RE1 | Lead   | 14.5    | 0.2   | 15  | ppb |
| 118-CH3632-N/A-001-A | Dance Studio Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-13RE1 | Copper | 0.0289  | 0.001 | 1.3 | ppm |
| 118-CH3632-N/A-001-A | Dance Studio Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-13RE1 | Lead   | 112     | 0.2   | 15  | ppb |
| 118-CH3632-N/A-001-B | Dance Studio Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-14RE1 | Copper | 0.00306 | 0.001 | 1.3 | ppm |
| 118-CH3632-N/A-001-B | Dance Studio Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-14RE1 | Lead   | 2.47    | 0.2   | 15  | ppb |
| 118-CH3635-N/A-001-A | Dance Studio Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-11RE1 | Copper | 0.00882 | 0.001 | 1.3 | ppm |
| 118-CH3635-N/A-001-A | Dance Studio Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-11RE1 | Lead   | 6.2     | 0.2   | 15  | ppb |
| 118-CH3635-N/A-001-B | Dance Studio Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-12RE1 | Copper | 0.00134 | 0.001 | 1.3 | ppm |
| 118-CH3635-N/A-001-B | Dance Studio Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-12RE1 | Lead   | 1.1     | 0.2   | 15  | ppb |

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|                      |              |           |           |               |        |        |       |     |     |
|----------------------|--------------|-----------|-----------|---------------|--------|--------|-------|-----|-----|
| 118-CH3640-N/A-001-A | Outside Gym  | 5/12/2018 | 5/22/2018 | A8E0415-43    | Copper | 0.133  | 0.001 | 1.3 | ppm |
| 118-CH3640-N/A-001-A | Outside Gym  | 5/12/2018 | 5/22/2018 | A8E0415-43    | Lead   | 5.25   | 0.2   | 15  | ppb |
| 118-CH3640-N/A-001-B | Outside Gym  | 5/12/2018 | 5/22/2018 | A8E0415-44    | Copper | 0.0784 | 0.001 | 1.3 | ppm |
| 118-CH3640-N/A-001-B | Outside Gym  | 5/12/2018 | 5/22/2018 | A8E0415-44    | Lead   | 1.11   | 0.2   | 15  | ppb |
| 118-CH3643-N/A-001-A | Locker Room  | 5/12/2018 | 5/22/2018 | A8E0415-47    | Copper | 0.151  | 0.001 | 1.3 | ppm |
| 118-CH3643-N/A-001-A | Locker Room  | 5/12/2018 | 5/22/2018 | A8E0415-47    | Lead   | 2.59   | 0.2   | 15  | ppb |
| 118-CH3643-N/A-001-B | Locker Room  | 5/12/2018 | 5/22/2018 | A8E0415-48    | Copper | 0.0385 | 0.001 | 1.3 | ppm |
| 118-CH3643-N/A-001-B | Locker Room  | 5/12/2018 | 5/22/2018 | A8E0415-48    | Lead   | 6.62   | 0.2   | 15  | ppb |
| 118-CH3646-N/A-001-A | Weight Room  | 5/12/2018 | 5/22/2018 | A8E0415-49    | Copper | 0.066  | 0.001 | 1.3 | ppm |
| 118-CH3646-N/A-001-A | Weight Room  | 5/12/2018 | 5/22/2018 | A8E0415-49    | Lead   | 25.2   | 0.2   | 15  | ppb |
| 118-CH3646-N/A-001-B | Weight Room  | 5/12/2018 | 5/22/2018 | A8E0415-50    | Copper | 0.0865 | 0.001 | 1.3 | ppm |
| 118-CH3646-N/A-001-B | Weight Room  | 5/12/2018 | 5/22/2018 | A8E0415-50    | Lead   | 2.05   | 0.2   | 15  | ppb |
| 118-CH3647-N/A-001-A | Inside Gym   | 5/12/2018 | 5/22/2018 | A8E0415-45    | Copper | 0.107  | 0.001 | 1.3 | ppm |
| 118-CH3647-N/A-001-A | Inside Gym   | 5/12/2018 | 5/22/2018 | A8E0415-45    | Lead   | 3.04   | 0.2   | 15  | ppb |
| 118-CH3647-N/A-001-B | Inside Gym   | 5/12/2018 | 5/22/2018 | A8E0415-46    | Copper | 0.105  | 0.001 | 1.3 | ppm |
| 118-CH3647-N/A-001-B | Inside Gym   | 5/12/2018 | 5/22/2018 | A8E0415-46    | Lead   | 1.46   | 0.2   | 15  | ppb |
| 118-CH3654-N/A-001-A | Hall Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-33RE1 | Copper | 0.166  | 0.001 | 1.3 | ppm |
| 118-CH3654-N/A-001-A | Hall Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-33RE1 | Lead   | 11.4   | 0.2   | 15  | ppb |
| 118-CH3654-N/A-001-B | Hall Bubbler | 5/12/2018 | 5/22/2018 | A8E0415-34    | Copper | 0.0225 | 0.001 | 1.3 | ppm |
| 118-CH3654-N/A-001-B | Hall Bubbler | 5/12/2018 | 5/22/2018 | A8E0415-34    | Lead   | 1.68   | 0.2   | 15  | ppb |

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|----------------------|--------------|-----------|-----------|---------------|--------|---------|-------|-----|-----|
| 118-CH3661-A-001-A   | Hall Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-29RE1 | Copper | 0.0113  | 0.001 | 1.3 | ppm |
| 118-CH3661-A-001-A   | Hall Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-29RE1 | Lead   | 1.18    | 0.2   | 15  | ppb |
| 118-CH3661-A-001-B   | Hall Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-30RE1 | Copper | 0.00186 | 0.001 | 1.3 | ppm |
| 118-CH3661-A-001-B   | Hall Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-30RE1 | Lead   | 1.43    | 0.2   | 15  | ppb |
| 118-CH3661-B-001-A   | Hall Bubbler | 5/12/2018 | 5/22/2018 | A8E0415-31    | Copper | 0.0119  | 0.001 | 1.3 | ppm |
| 118-CH3661-B-001-A   | Hall Bubbler | 5/12/2018 | 5/22/2018 | A8E0415-31    | Lead   | 3.28    | 0.2   | 15  | ppb |
| 118-CH3661-B-001-B   | Hall Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-32RE2 | Copper | 0.00414 | 0.001 | 1.3 | ppm |
| 118-CH3661-B-001-B   | Hall Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-32RE2 | Lead   | 2.7     | 0.2   | 15  | ppb |
| 118-CH3662-A-001-A   | Hall Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-25RE1 | Copper | 0.018   | 0.001 | 1.3 | ppm |
| 118-CH3662-A-001-A   | Hall Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-25RE1 | Lead   | 2.24    | 0.2   | 15  | ppb |
| 118-CH3662-A-001-B   | Hall Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-26RE1 | Copper | 0.00427 | 0.001 | 1.3 | ppm |
| 118-CH3662-A-001-B   | Hall Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-26RE1 | Lead   | 1.65    | 0.2   | 15  | ppb |
| 118-CH3662-B-001-A   | Hall Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-27RE1 | Copper | 0.0176  | 0.001 | 1.3 | ppm |
| 118-CH3662-B-001-A   | Hall Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-27RE1 | Lead   | 2.96    | 0.2   | 15  | ppb |
| 118-CH3662-B-001-B   | Hall Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-28RE1 | Copper | 0.00452 | 0.001 | 1.3 | ppm |
| 118-CH3662-B-001-B   | Hall Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-28RE1 | Lead   | 0.907   | 0.2   | 15  | ppb |
| 118-CH3667-N/A-001-A | Hall Bubbler | 5/12/2018 | 5/22/2018 | A8E0415-19    | Copper | 0.136   | 0.001 | 1.3 | ppm |
| 118-CH3667-N/A-001-A | Hall Bubbler | 5/12/2018 | 5/22/2018 | A8E0415-19    | Lead   | 22.6    | 0.2   | 15  | ppb |
| 118-CH3667-N/A-001-B | Hall Bubbler | 5/12/2018 | 5/22/2018 | A8E0415-20    | Copper | 0.0202  | 0.001 | 1.3 | ppm |
| 118-CH3667-N/A-001-B | Hall Bubbler | 5/12/2018 | 5/22/2018 | A8E0415-20    | Lead   | 7.9     | 0.2   | 15  | ppb |

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|                      |                   |           |           |               |        |         |       |     |     |
|----------------------|-------------------|-----------|-----------|---------------|--------|---------|-------|-----|-----|
| 118-CH3669-A-001-A   | Hall Bubbler      | 5/12/2018 | 5/22/2018 | A8E0415-37    | Copper | 0.0724  | 0.001 | 1.3 | ppm |
| 118-CH3669-A-001-A   | Hall Bubbler      | 5/12/2018 | 5/22/2018 | A8E0415-37    | Lead   | 6.87    | 0.2   | 15  | ppb |
| 118-CH3669-A-001-B   | Hall Bubbler      | 5/12/2018 | 5/22/2018 | A8E0415-38    | Copper | 0.00239 | 0.001 | 1.3 | ppm |
| 118-CH3669-A-001-B   | Hall Bubbler      | 5/12/2018 | 5/22/2018 | A8E0415-38    | Lead   | 5.08    | 0.2   | 15  | ppb |
| 118-CH3669-B-001-A   | Hall Bubbler      | 5/12/2018 | 5/22/2018 | A8E0415-39    | Copper | 0.0275  | 0.001 | 1.3 | ppm |
| 118-CH3669-B-001-A   | Hall Bubbler      | 5/12/2018 | 5/22/2018 | A8E0415-39    | Lead   | 8.4     | 0.2   | 15  | ppb |
| 118-CH3669-B-001-B   | Hall Bubbler      | 5/12/2018 | 5/22/2018 | A8E0415-40    | Copper | 0.00247 | 0.001 | 1.3 | ppm |
| 118-CH3669-B-001-B   | Hall Bubbler      | 5/12/2018 | 5/22/2018 | A8E0415-40    | Lead   | 3.89    | 0.2   | 15  | ppb |
| 118-CH3670-A-001-A   | Hall Bubbler      | 5/12/2018 | 5/22/2018 | A8E0415-21    | Copper | 0.0885  | 0.001 | 1.3 | ppm |
| 118-CH3670-A-001-A   | Hall Bubbler      | 5/12/2018 | 5/22/2018 | A8E0415-21    | Lead   | 45.7    | 0.2   | 15  | ppb |
| 118-CH3670-A-001-B   | Hall Bubbler      | 5/12/2018 | 5/22/2018 | A8E0415-22    | Copper | 0.0102  | 0.001 | 1.3 | ppm |
| 118-CH3670-A-001-B   | Hall Bubbler      | 5/12/2018 | 5/22/2018 | A8E0415-22    | Lead   | 69.1    | 0.2   | 15  | ppb |
| 118-CH3670-B-001-A   | Hall Bubbler      | 5/12/2018 | 5/22/2018 | A8E0415-23    | Copper | 0.0306  | 0.001 | 1.3 | ppm |
| 118-CH3670-B-001-A   | Hall Bubbler      | 5/12/2018 | 5/22/2018 | A8E0415-23    | Lead   | 91.4    | 0.2   | 15  | ppb |
| 118-CH3670-B-001-B   | Hall Bubbler      | 5/12/2018 | 5/22/2018 | A8E0415-24    | Copper | 0.00818 | 0.001 | 1.3 | ppm |
| 118-CH3670-B-001-B   | Hall Bubbler      | 5/12/2018 | 5/22/2018 | A8E0415-24    | Lead   | 71.6    | 0.2   | 15  | ppb |
| 118-CH3672-N/A-001-A | TV Studio Bubbler | 5/12/2018 | 5/22/2018 | A8E0415-41    | Copper | 0.0162  | 0.001 | 1.3 | ppm |
| 118-CH3672-N/A-001-A | TV Studio Bubbler | 5/12/2018 | 5/22/2018 | A8E0415-41RE1 | Lead   | 14.1    | 1     | 15  | ppb |
| 118-CH3672-N/A-001-B | TV Studio Bubbler | 5/12/2018 | 5/22/2018 | A8E0415-42    | Copper | 0.00154 | 0.001 | 1.3 | ppm |
| 118-CH3672-N/A-001-B | TV Studio Bubbler | 5/12/2018 | 5/22/2018 | A8E0415-42    | Lead   | 1.19    | 0.2   | 15  | ppb |

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|                    |                   |           |           |               |        |         |       |     |     |
|--------------------|-------------------|-----------|-----------|---------------|--------|---------|-------|-----|-----|
| 118-CH3989-A-001-A | TV Studio Bubbler | 5/12/2018 | 5/22/2018 | A8E0415-15    | Copper | 0.0311  | 0.001 | 1.3 | ppm |
| 118-CH3989-A-001-A | TV Studio Bubbler | 5/12/2018 | 5/22/2018 | A8E0415-15    | Lead   | 3.29    | 0.2   | 15  | ppb |
| 118-CH3989-A-001-B | TV Studio Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-16RE1 | Copper | 0.004   | 0.001 | 1.3 | ppm |
| 118-CH3989-A-001-B | TV Studio Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-16RE1 | Lead   | 4.88    | 0.2   | 15  | ppb |
| 118-CH3989-B-001-A | TV Studio Bubbler | 5/12/2018 | 5/22/2018 | A8E0415-17    | Copper | 0.0137  | 0.001 | 1.3 | ppm |
| 118-CH3989-B-001-A | TV Studio Bubbler | 5/12/2018 | 5/22/2018 | A8E0415-17    | Lead   | 3.99    | 0.2   | 15  | ppb |
| 118-CH3989-B-001-B | TV Studio Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-18RE1 | Copper | 0.00194 | 0.001 | 1.3 | ppm |
| 118-CH3989-B-001-B | TV Studio Bubbler | 5/12/2018 | 5/23/2018 | A8E0415-18RE1 | Lead   | 1.14    | 0.2   | 15  | ppb |

Results highlighted yellow 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.