



**Environmental and Laboratory Services**  
 90 ½ West Blackwell St., Dover, New Jersey 07801  
 (973) 989-0010 P, (973) 989-0156 F

**Analytical Results**

Date: June 16, 2017

Client: Jefferson Township Board of Education  
 Address: 31 Route 181  
 Lake Hopatcong, NJ 07849

**Project: White Rock Elementary School**

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5680-1  
 Sample location: Field Blank  
 Sampled by: J. MacDonald / S. Berta / S Flyte  
 Sample date: 06/10/17  
 Time: 10:57  
 Analyst: B. Moraga

| Parameter | Method  | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Dilution Factor | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|-----------------|
| Lead      | SM3113B | <2.00 µg/L    | 15 µg/L     | 06/12/17      | 23:20         | 1               | 2.00 µg/L       |

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5680-2  
 Sample location: JTWR-POE-AWING-KC-3BAYSINK-LEFT-1  
 Sampled by: J. MacDonald / S. Berta / S Flyte  
 Sample date: 06/10/17  
 Time: 10:58  
 Analyst: B. Moraga

| Parameter | Method  | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Dilution Factor | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|-----------------|
| Lead      | SM3113B | 24.2 µg/L     | 15 µg/L     | 06/12/17      | 23:34         | 2               | 4.00 µg/L       |

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5680-3  
 Sample location: JTWR-AWING-KC-3BAYSINK-RIGHT-2  
 Sampled by: J. MacDonald / S. Berta / S Flyte  
 Sample date: 06/10/17  
 Time: 10:58  
 Analyst: B. Moraga

| Parameter | Method  | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Dilution Factor | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|-----------------|
| Lead      | SM3113B | 23.2 µg/L     | 15 µg/L     | 06/13/17      | 00:04         | 2               | 4.00 µg/L       |

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5680-4  
 Sample location: JTWR-AWING-KC-HANDSINK-3  
 Sampled by: J. MacDonald / S. Berta / S Flyte  
 Sample date: 06/10/17  
 Time: 10:59  
 Analyst: B. Moraga

| Parameter | Method  | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Dilution Factor | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|-----------------|
| Lead      | SM3113B | 11.0 µg/L     | 15 µg/L     | 06/13/17      | 00:09         | 1               | 2.00 µg/L       |

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5680-5  
 Sample location: JTWR-AWING-KC-HANDSINK-4  
 Sampled by: J. MacDonald / S. Berta / S Flyte  
 Sample date: 06/10/17  
 Time: 11:00  
 Analyst: B. Moraga

| Parameter | Method  | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Dilution Factor | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|-----------------|
| Lead      | SM3113B | 8.05 µg/L     | 15 µg/L     | 06/13/17      | 00:15         | 1               | 2.00 µg/L       |

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5680-6  
 Sample location: JTWR-AWING-EYEWASH-5  
 Sampled by: J. MacDonald / S. Berta / S Flyte  
 Sample date: 06/10/17  
 Time: 11:00  
 Analyst: B. Moraga

| Parameter | Method  | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Dilution Factor | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|-----------------|
| Lead      | SM3113B | 5.53 µg/L     | 15 µg/L     | 06/13/17      | 00:28         | 1               | 2.00 µg/L       |

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5680-7  
 Sample location: JTWR-TL-DW-6  
 Sampled by: J. MacDonald / S. Berta / S Flyte  
 Sample date: 06/10/17  
 Time: 11:02  
 Analyst: B. Moraga

| Parameter | Method  | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Dilution Factor | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|-----------------|
| Lead      | SM3113B | <2.00 µg/L    | 15 µg/L     | 06/13/17      | 00:34         | 1               | 2.00 µg/L       |

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5680-8  
 Sample location: JTWR-RMA14-DW-8  
 Sampled by: J. MacDonald / S. Berta / S Flyte  
 Sample date: 06/10/17  
 Time: 11:03  
 Analyst: B. Moraga

| Parameter | Method  | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Dilution Factor | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|-----------------|
| Lead      | SM3113B | 5,130 µg/L    | 15 µg/L     | 06/13/17      | 17:05         | 1000            | 2,000 µg/L      |

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5680-9  
 Sample location: JTWR-RMA12-AWING-DWB-9  
 Sampled by: J. MacDonald / S. Berta / S Flyte  
 Sample date: 06/10/17  
 Time: 11:07  
 Analyst: B. Moraga

| Parameter | Method  | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Dilution Factor | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|-----------------|
| Lead      | SM3113B | 31.8 µg/L     | 15 µg/L     | 06/13/17      | 00:54         | 2               | 4.00 µg/L       |

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5680-10  
 Sample location: JTWR-RMA12-AWING-DW-10  
 Sampled by: J. MacDonald / S. Berta / S Flyte  
 Sample date: 06/10/17  
 Time: 11:08  
 Analyst: B. Moraga

| Parameter | Method  | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Dilution Factor | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|-----------------|
| Lead      | SM3113B | 478 µg/L      | 15 µg/L     | 06/13/17      | 17:12         | 100             | 200 µg/L        |

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5680-11  
 Sample location: JTWR-RMA10-AWING-DWB-11  
 Sampled by: J. MacDonald / S. Berta / S Flyte  
 Sample date: 06/10/17  
 Time: 11:09  
 Analyst: B. Moraga

| Parameter | Method  | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Dilution Factor | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|-----------------|
| Lead      | SM3113B | 6.32 µg/L     | 15 µg/L     | 06/13/17      | 01:24         | 1               | 2.00 µg/L       |

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5680-12  
 Sample location: JTWR-RMA10-AWING-DW-12  
 Sampled by: J. MacDonald / S. Berta / S Flyte  
 Sample date: 06/10/17  
 Time: 11:09  
 Analyst: B. Moraga

| Parameter | Method  | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Dilution Factor | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|-----------------|
| Lead      | SM3113B | 6.02 µg/L     | 15 µg/L     | 06/13/17      | 01:31         | 1               | 2.00 µg/L       |

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5680-13  
 Sample location: JTWR-BWING-COM.LAB-WF-13  
 Sampled by: J. MacDonald / S. Berta / S Flyte  
 Sample date: 06/10/17  
 Time: 11:21  
 Analyst: B. Moraga

| Parameter | Method  | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Dilution Factor | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|-----------------|
| Lead      | SM3113B | <2.00 µg/L    | 15 µg/L     | 06/13/17      | 01:37         | 1               | 2.00 µg/L       |

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5680-14  
 Sample location: JTWR-BWING-G&B-LEFT-WF-14  
 Sampled by: J. MacDonald / S. Berta / S Flyte  
 Sample date: 06/10/17  
 Time: 11:15  
 Analyst: B. Moraga

| Parameter | Method  | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Dilution Factor | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|-----------------|
| Lead      | SM3113B | 2.41 µg/L     | 15 µg/L     | 06/13/17      | 01:43         | 1               | 2.00 µg/L       |

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5680-15  
 Sample location: JTWR-BWING-G&B-RIGHT-WF-15  
 Sampled by: J. MacDonald / S. Berta / S Flyte  
 Sample date: 06/10/17  
 Time: 11:16  
 Analyst: B. Moraga

| Parameter | Method  | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Dilution Factor | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|-----------------|
| Lead      | SM3113B | <2.00 µg/L    | 15 µg/L     | 06/13/17      | 01:49         | 1               | 2.00 µg/L       |

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5680-16  
 Sample location: JTWR-BWING-BREEZY HALL-LEFT-16  
 Sampled by: J. MacDonald / S. Berta / S Flyte  
 Sample date: 06/10/17  
 Time: 11:16  
 Analyst: B. Moraga

| Parameter | Method  | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Dilution Factor | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|-----------------|
| Lead      | SM3113B | 7.24 µg/L     | 15 µg/L     | 06/13/17      | 01:54         | 1               | 2.00 µg/L       |

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5680-17  
 Sample location: JTWR-HT-BREEZY HALL-LEFT-WF-18  
 Sampled by: J. MacDonald / S. Berta / S Flyte  
 Sample date: 06/10/17  
 Time: 11:19  
 Analyst: B. Moraga

| Parameter | Method  | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Dilution Factor | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|-----------------|
| Lead      | SM3113B | 4.61 µg/L     | 15 µg/L     | 06/13/17      | 02:00         | 1               | 2.00 µg/L       |

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5680-18  
 Sample location: JTWR-HT-BREEZY HALL-RIGHT-WF-19  
 Sampled by: J. MacDonald / S. Berta / S Flyte  
 Sample date: 06/10/17  
 Time: 11:20  
 Analyst: B. Moraga

| Parameter | Method  | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Dilution Factor | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|-----------------|
| Lead      | SM3113B | 4.10 µg/L     | 15 µg/L     | 06/13/17      | 02:06         | 1               | 2.00 µg/L       |

µg/L = micrograms per liter

**Field Notes:**

**Automatic flushing toilet system in operation at time of sampling**  
**DWS5680-9: Extremely Low Pressure**  
**DWS5680-10: Low Pressure**

All testing was done within the required holding time.

I certify that these samples were analyzed in accordance with procedures approved by the New Jersey Department of Environmental Protection.

Laurette Young (For SV)  
 Susan VanVeen, Lab Manager  
 NJ Laboratory Certification ID # 14013

June 26, 2017  
 Date