

**Accredited Environmental Technologies, Inc.**

**LEAD IN DRINKING WATER TESTING REPORT**

**VAILSBURG MIDDLE SCHOOL  
24 HAZELWOOD AVENUE NEWARK, NEW JERSEY 07103**

**Testing Conducted By:** Accredited Environmental Technologies,  
Inc.

**Client:** Uncommon Schools  
826 Broadway, 9<sup>th</sup> Floor  
New York, NY 10003

**Contact:** Mr. Sabin Ciocan  
Associate Director of Real Estate & Facilities

**AET Project #:** 4-17-11971

**Date of Testing:** April 11, 2017, 2017 (Initial)  
April 23, 2017 (Flush – 5 minute)  
April 30, 2017 (Flush – 30 second)  
July 13, 2017 (Post Abatement)

**Date of Report:** June 8, 2017 – Draft  
October 2, 2017 – Final

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# Accredited Environmental Technologies, Inc.

## EXECUTIVE SUMMARY

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In April 2017, Accredited Environmental Technologies, Inc. (AET) was contracted by Uncommon Schools (“Client”) to conduct lead in drinking water testing at 7 designated school buildings. Sample locations were collected from all accessible drinking water outlets (water fountains, sinks, coffee water lines, showers, exterior spigots and specialty taps) located within each school. AET’s services were performed in accordance with AET’s Proposal #9379 dated 3/29/17.

This report documents the results of drinking water testing conducted at Vailsburg Middle School in accordance with EPA’s Lead Safe Drinking Water Standards (3T’s for reducing lead in drinking water in schools) and NJAC 6A:26-1.2 and 12.4. Testing was conducted on 4/11/17 at 132 outlets (see attached Table 1) designated by the client or clients representative. Sampling was conducted at 132 designated testing locations for first draw samples (second draw samples were collected when required when lead in drinking water exceeded EPA Guidance >15ppb). Samples were collected utilizing 250ml plastic bottles and transported directly to EMSL Analytical in Cinnaminson, New Jersey. Samples were analyzed by EPA Method 200.9. This report includes both the initial testing data and subsequent 5-minute and 30 second flush sampling performed after implementation of corrective measures. Samples were analyzed by EMSL Analytical.

**Water Sourcing:** Drinking water utilized by the Uncommon Schools is supplied by the City of Newark. Sourcing of the City of Newark’s water supply is unknown at this time.

## CONCLUSION

Based on the sampling performed within the 132 testing locations, drinking water results were below the EPA Lead Safe Drinking Water action limit of 15 ppb, in all but 6 outlets. Lead concentrations from the tested water outlets (which were below 15 ppb) ranged from <3.00 ppb to 13.8 ppb. Of the 132 tested locations 70 outlets were reported as no lead detected (none detect) or below the laboratories detection limit. Corrective measures and recommendations can be found within Table XX within the Appendix of this report.

**Restrictions/Limitations:** Drinking water sampling was performed at previously identified Client locations. Sampling was performed within the 8-48 hour window of inactivity. AET was met at each school facility by a member of the maintenance staff who identified specific outlets for testing. All samples collected were first draw samples in accordance with the Lead-Safe Drinking Water Standard. No aerators, screens, filters were removed prior to or during sampling.

Lead testing results are representative of conditions including frequency of use of drinking water outlets at the time of testing (snapshot in time). Infrequent use or prolonged contact time of water in the piping system (where lead is present) can result in higher lead levels.

# Accredited Environmental Technologies, Inc.

## METHODS

Lead in Drinking Water Testing was conducted in accordance with EPA's Lead Safe Drinking Water Standards and in accordance with NJAC 6A:26-1.2 and 12.4. Samples collected were both first draw samples per the EPA Lead in Drinking Water in Schools Standard, 5-minute and 30 second flush sampling. Samples were collected from the cold water outlet after drinking water was static in the plumbing system for at least 8 hours but no more than 48 hours. Samples were collected during non-occupancy of the school. Aerators were not removed from the outlet fixtures prior to testing.

Each sample was collected utilizing a 250ml plastic bottle. Water samples obtained were filled to the bottles shoulder and were individually capped for laboratory transport. Documentation for each sample and sample location was maintained on a Lead Sampling Log and included the following information:

- School Name
- Sample Type (First Draw or Flush)
- Collection Date and Time
- Sample Location/Outlet with Assigned Sample Number

Samples were directly transported to EMSL Analytical in Cinnaminson, NJ. Samples were analyzed by EPA Method 200.9.

## STANDARDS

The EPA's Lead Safe Drinking Water Standard (3T's for Reducing Lead in Drinking Water in Schools) was designed to protect public health within school buildings by implementing testing procedures to document lead levels within drinking water. Standards were developed to ascertain potential corrosion of plumbing materials, which can contain lead, and to determine the extent of lead concentrations within the water distribution system.

Materials which may be present within the water distribution system may include but are not limited to; lead-based solder, brass and chrome-plated faucets (not designated as lead free), and lead piping connected from the main to the buildings water system. In 1986, Congress banned the use of lead solder containing greater than 0.2% lead and restricted the lead content in faucets, pipes, and other plumbing materials to 8.0%. The EPA's Lead Safe Drinking Water Standards are a component of the EPA Safe Drinking Water Act (40 CFR Part 141) which established an action limit of 15 ppb for lead.

The EPA has developed a process for reducing lead in drinking water in schools. This program requires schools to implement simple strategies for managing health risks of lead in school drinking water including:

- **Training** to identify potential sources of lead in the facilities and establish a testing plan.
- **Testing** to monitor school drinking water for elevated lead levels and take corrective actions (where necessary)
- **Telling** to communicate student, parents, and staff testing results and remediation actions taken.

# Accredited Environmental Technologies, Inc.

The EPA 3T Program recommends a two-step sampling process to identify lead concentrations in drinking water within schools.

- **Step 1** - Initial first draw sampling of cold water outlets, designated for consumption.
- **Step 2**- Follow-up flush sampling of cold water outlets where initial sampling results exceed 15ppb. Flush samples are utilized to determine if the lead concentrations found are from the fixture or from the interior feed piping. Flush samples are collected from the outlet after the water has run for 30 seconds.

## **RECOMMENDED INTERIM CONTROLS –LEAD IN WATER LEVELS BELOW 15ppb**

AET recommends the following procedures be followed where lead levels have been documented within school drinking water outlets in order to maintain lead levels below 15ppb.

1. Establishment of a water outlet cleaning maintenance schedule to include but not limited to the following;
  - Installation of aerators (screening) on water outlets designated for consumption.
  - Establishment of a cleaning schedule for newly installed aerators and previously installed aerators.
  - Implementation of follow-up water testing on serviced or repaired water outlets designated for consumption. Follow-up testing should be conducted prior to reestablishment of the source as a consumable water source.
2. Use only cold water for food and beverage preparation. If hot water is needed, it should be taken from the cold water tap and heated in the stove or microwave oven.
3. Purging of consumable water sources prior to ingestion. In given cases staffing and control documents can be provided to instruct proper procedures to reduce lead concentrations within static piping.
4. Documentation on bathroom walls that water should not be consumed.

## **INTERIM CONTROLS – LEAD IN WATER LEVELS ABOVE 15ppb**

### **For Informational Purposes Only**

Stop gap measures where interim control measures must be implemented in order to reduce lead in drinking water exceeds 15ppb are as follows:

1. Flushing of the piping system in the affected areas prior to student attendance each morning. Documentation of the effectiveness of purging the water system within elevated lead in water areas must be documented.
2. Designation of water source(s) as not for consumption and provisions of bottle water to be supplied until repair or replacement of components can be conducted.
3. Removal of water source from the system and its entirety.

# Accredited Environmental Technologies, Inc.

## NJAC 6A:26-1.2 and 12.4 - Testing for lead in drinking water – All Educational Facilities

Based on possible exposure to lead contaminated drinking water and its potential to pose serious health problems, particularly in children, staff and school personnel, the State of New Jersey has adopted special amendments for the testing of lead in drinking water for all educational facilities. These special amendments require districts to sample and analyze all drinking water in their educational facilities within 365 days of the effective date of July 13, 2017. Testing is to be conducted in accordance with a defined lead sampling plan developed by the school district and within the requirements of the adopted amendments and the DEP. The guidance documents provided by the DEP listed as the 3 T's "EPA's Lead Safe Drinking Water Standard" and the State of New Jersey shall guide the sampling protocol and sampling plan.

Other provisions under the special amendments include requirements for disclosure and making sampling results publicly available to parents or guardians of school children attending the facility and the department. Districts are also required to conduct lead testing of all drinking water outlets at least every 6 years following the initial testing as well as after plumbing renovations which may impact leaded components within the plumbing system.

Reimbursement of the costs can be retrieved from the department under the guise that the district provides a reimbursement application which is located on the department's website. This reimbursement applies to both public and non public schools so long as the testing complies with state and federal requirements.



**Appendix A (Sampling Data Form and Recommendations)**

School Name	Address	Sample #	Location	Initial Result	5min Flush	30 sec Flush	Rec.
Vailsburg Middle School	24 Hazlewood	11971-VMS-019A-S001	Room 019A	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-017A-S002	Room 017A	17.0 ppb	<3.00 ppb	<3.00 ppb	2
Vailsburg Middle School	24 Hazlewood	11971-VMS-008-S003	Room 008	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-008-S004	Room 008	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-008-S005	Room 008	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-008-S006	Room 008	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-008-S007	Room 008	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-007-S008	Room 007	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-007-S009	Room 007	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-007-S010	Room 007	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-007-S011	Room 007	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-007-S012	Room 007	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-005-S014	Room 005	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-007-WF001	Room 007	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-007-CWL001	Room 007	151 ppb	<3.00 ppb	<3.00 ppb	2
Vailsburg Middle School	24 Hazlewood	11971-VMS-102-S015	Room 102	13.8 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-104-S016	Room 104	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-106-S017	Room 106	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-108-S018	Room 108	7.60 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-112B-S019	Room 112B	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-116A-S020	Room 116A	7.61 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-118-S021	Room 118	41.7 ppb	<3.00 ppb	<3.00 ppb	2
Vailsburg Middle School	24 Hazlewood	11971-VMS-118-S022	Room 118	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-118-S023	Room 118	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-118-S024	Room 118	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-118-S025	Room 118	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-120-S026	Room 120	3.92 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-122-S027	Room 122	4.34 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-103-S028	Room 103	3.12 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-105-S029	Room 105	6.55 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-109-S030	Room 109	5.59 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-110A-S031	Room 110A	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-110-S032	Room 110	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-110-S033	Room 110	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-110-S034	Room 110	9.40 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-110-S035	Room 110	4.11 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-110-S036	Room 110	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-111-S037	Room 111	3.08 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-113-S038	Room 113	13.7 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-115-S039	Room 115	5.35 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-117-S040	Room 117	4.45 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-119-S041	Room 119	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-121-S042	Room 121	<3.00 ppb			4



**Appendix A (Sampling Data Form and Recommendations)**

School Name	Address	Sample #	Location	Initial Result	5min Flush	30 sec Flush	Rec.
Vailsburg Middle School	24 Hazlewood	11971-VMS-102-WF002	Room 102	9.13 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-104-WF003	Room 104	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-106-WF004	Room 106	3.67 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-108-WF005	Room 108	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-100-WF006	Room 100	7.29 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-100-WF007	Room 100	9.44 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-120-WF008	Room 120	6.41 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-122-WF009	Room 122	4.60 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-103-WF010	Room 103	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-105-WF011	Room 105	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-100-WF012	Room 100	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-109-WF013	Room 109	20.0 ppb	<3.00 ppb	<3.00 ppb	2
Vailsburg Middle School	24 Hazlewood	11971-VMS-111-WF015	Room 111	20.4 ppb	<3.00 ppb	<3.00 ppb	2
Vailsburg Middle School	24 Hazlewood	11971-VMS-113-WF016	Room 113	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-115-WF017	Room 115	6.28 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-117-WF018	Room 117	5.30 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-119-WF019	Room 119	4.36 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-112B-CWL002	Room 112B	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-121-CWL003	Room 121	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-121-CWL004	Room 121	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-JAN-ST001	Room JAN	3.50 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-129-S0741	Room 129	3.30 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-129-S0751	Room 129	3.36 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-129-S0761	Room 129	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-129-S0771	Room 129	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-130-S0781	Room 130	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-130-S0791	Room 130	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-130-S0801	Room 130	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-130-S0811	Room 130	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-114-S074	Room 114	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-116B-S075	Room 116B	6.22 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-116-S076	Room 116	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-216-S048	Room 216	8.09 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-216-WF025	Room 216	7.75 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-215-WF037	Room 215	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-215-S070	Room 215	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-214-WF024	Room 214	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-214-S047	Room 214	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-213-WF036	Room 213	6.49 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-213-S069	Room 213	6.86 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-212D-CWL005	Room 212D	<3.00 ppb			4



**Appendix A (Sampling Data Form and Recommendations)**

School Name	Address	Sample #	Location	Initial Result	5min Flush	30 sec Flush	Rec.
Vailsburg Middle School	24 Hazlewood	11971-VMS-212D-S046	Room 212D	5.19 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-211-S068	Room 211	5.52 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-211-WF035	Room 211	4.95 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-223-S062	Room 223	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-223-S063	Room 223	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-223-S064	Room 223	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-223-S065	Room 223	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-223-S066	Room 223	6.92 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-223-S067	Room 223	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-223-S057	Room 223	6.14 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-223-WF028	Room 223	5.17 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-219-S073	Room 219	7.82 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-219-WF38	Room 219	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-220-S056	Room 220	3.18 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-220-SF011	Room 220	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-218-S050	Room 218	3.16 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-218-S051	Room 218	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-218-S052	Room 218	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-218-S053	Room 218	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-218-S054	Room 218	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-218-S055	Room 218	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-218A-S049	Room 218A	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-200-WF027	Room 200	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-200-WF026	Room 200	5.95 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-217-WF038	Room 217	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-217-S072	Room 217	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-208-WF023	Room 208	4.63 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-208-S045	Room 208	6.58 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-209-S061	Room 209	9.39 ppb			4
Vailsburg Middle School	24 Hazlewood	11970-VMS-209-WF034	Room 209	8.70 ppb			4
Vailsburg Middle School	24 Hazlewood	11970-VMS-206-WF022	Room 206	3.81 ppb			4
Vailsburg Middle School	24 Hazlewood	11970-VMS-206-S044	Room 206	8.11 ppb			4
Vailsburg Middle School	24 Hazlewood	11970-VMS-200-WF032	Room 200	13.3 ppb			4
Vailsburg Middle School	24 Hazlewood	11970-VMS-200-WF033	Room 200	7.36 ppb			4
Vailsburg Middle School	24 Hazlewood	11970-VMS-204-S043	Room 204	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11970-VMS-204-WF021	Room 204	10.1 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-205-S059	Room 205	15.5 ppb	<3.00 ppb	<3.00 ppb	2
Vailsburg Middle School	24 Hazlewood	11970-VMS-205-WF030	Room 205	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11970-VMS-202-S042	Room 202	10.5 ppb			4
Vailsburg Middle School	24 Hazlewood	11970-VMS-202-WF020	Room 202	5.26 ppb			4
Vailsburg Middle School	24 Hazlewood	11970-VMS-203-S058	Room 203	3.60 ppb			4
Vailsburg Middle School	24 Hazlewood	11970-VMS-203-WF029	Room 203	4.30 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-JAN2002	Room VMS	<3.00 ppb			4



Appendix A (Sampling Data Form and Recommendations)							
School Name	Address	Sample #	Location	Initial Result	5min Flush	30 sec Flush	Rec.
Vailsburg Middle School	24 Hazlewood	11971-VMS-ES003	Room VMS	5.20 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-WF040	Room VMS	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-WF041	Room VMS	<3.00 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-ST002	Room VMS	8.52 ppb			4
Vailsburg Middle School	24 Hazlewood	11971-VMS-24HAZLEWOOD-MAIN	Room 24HAZLEWOOD	<3.00 ppb			4

Recommendation Codes

- 1 - Replace
- 2 - Flush before use
- 3 - Other
- 4 - No necessary response action

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 786-5974

<http://www.EMSL.com>[cinnaminsonleadlab@emsl.com](mailto:cinnaminsonleadlab@emsl.com)

EMSL Order: 201703300

CustomerID: ACCR50

CustomerPO:


ProjectID:

Attn: **Eric Sutherland**  
**Accredited Environmental Tech (AET)**  
**28 North Pennell Road**  
**Media, PA 19063**

Phone: (610) 891-0114  
Fax: (610) 891-0559  
Received: 04/11/17 3:15 PM  
Collected:

**Test Report: Lead in Water by Furnace AAS (EPA 200.9)**

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
S001	201703300-0001 Site: 019A	4/17/2017		<3.00 ppb
S002	201703300-0002 Site: 017A	4/17/2017		17.0 ppb
S003	201703300-0003 Site: 008	4/17/2017		<3.00 ppb
S004	201703300-0004 Site: 008	4/17/2017		<3.00 ppb
S005	201703300-0005 Site: 008	4/17/2017		<3.00 ppb
S006	201703300-0006 Site: 008	4/17/2017		<3.00 ppb
S007	201703300-0007 Site: 008	4/17/2017		<3.00 ppb
S008	201703300-0008 Site: 007	4/17/2017		<3.00 ppb
S009	201703300-0009 Site: 007	4/17/2017		<3.00 ppb
S010	201703300-0010 Site: 007	4/17/2017		<3.00 ppb
S011	201703300-0011 Site: 007	4/17/2017		<3.00 ppb
S012	201703300-0012 Site: 007	4/17/2017		<3.00 ppb
S014	201703300-0013 Site: 005	4/17/2017		<3.00 ppb
WF001	201703300-0014 Site: 007	4/17/2017		<3.00 ppb
CWL001	201703300-0015 Site: 007	4/18/2017		151 ppb
S015	201703300-0016 Site: 102	4/17/2017		13.8 ppb

  
Phillip Worby, Lead Laboratory Manager  
or other approved signatory

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Initial report from 04/18/2017 15:55:52

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 786-5974

<http://www.EMSL.com>[cinnaminsonleadlab@emsl.com](mailto:cinnaminsonleadlab@emsl.com)

EMSL Order: 201703300

CustomerID: ACCR50

CustomerPO:

ProjectID:

Attn: **Eric Sutherland**  
**Accredited Environmental Tech (AET)**  
**28 North Pennell Road**  
**Media, PA 19063**

Phone: (610) 891-0114  
Fax: (610) 891-0559  
Received: 04/11/17 3:15 PM  
Collected:

**Test Report: Lead in Water by Furnace AAS (EPA 200.9)**

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
S016	201703300-0017 Site: 104	4/17/2017		<3.00 ppb
S017	201703300-0018 Site: 106	4/17/2017		<3.00 ppb
S018	201703300-0019 Site: 108	4/17/2017		7.60 ppb
S019	201703300-0020 Site: 112B	4/17/2017		<3.00 ppb
S020	201703300-0021 Site: 116A	4/17/2017		7.61 ppb
S021	201703300-0022 Site: 118	4/17/2017		41.7 ppb
S022	201703300-0023 Site: 118	4/17/2017		<3.00 ppb
S023	201703300-0024 Site: 118	4/17/2017		<3.00 ppb
S024	201703300-0025 Site: 118	4/17/2017		<3.00 ppb
S025	201703300-0026 Site: 118	4/17/2017		<3.00 ppb
S026	201703300-0027 Site: 120	4/17/2017		3.92 ppb
S027	201703300-0028 Site: 122	4/17/2017		4.34 ppb
S028	201703300-0029 Site: 103	4/17/2017		3.12 ppb
S029	201703300-0030 Site: 105	4/17/2017		6.55 ppb
S030	201703300-0031 Site: 109	4/17/2017		5.59 ppb
S031	201703300-0032 Site: 110A	4/17/2017		<3.00 ppb

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**Test Report: Lead in Water by Furnace AAS (EPA 200.9)**

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
S032	201703300-0033 Site: 110	4/17/2017		<3.00 ppb
S033	201703300-0034 Site: 110	4/17/2017		<3.00 ppb
S034	201703300-0035 Site: 110	4/17/2017		9.40 ppb
S035	201703300-0036 Site: 110	4/17/2017		4.11 ppb
S036	201703300-0037 Site: 110	4/17/2017		<3.00 ppb
S037	201703300-0038 Site: 111	4/17/2017		3.08 ppb
S038	201703300-0039 Site: 113	4/17/2017		13.7 ppb
S039	201703300-0040 Site: 115	4/17/2017		5.35 ppb
S040	201703300-0041 Site: 117	4/17/2017		4.45 ppb
S041	201703300-0042 Site: 119	4/17/2017		<3.00 ppb
S042	201703300-0043 Site: 121	4/17/2017		<3.00 ppb
WF002	201703300-0044 Site: 102	4/17/2017		9.13 ppb
WF003	201703300-0045 Site: 104	4/17/2017		<3.00 ppb
WF004	201703300-0046 Site: 106	4/17/2017		3.67 ppb
WF005	201703300-0047 Site: 108	4/17/2017		<3.00 ppb
WF006	201703300-0048 Site: 100	4/17/2017		7.29 ppb

  
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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NJ-NELAP 03036

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**Test Report: Lead in Water by Furnace AAS (EPA 200.9)**

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
WF007	201703300-0049 Site: 100	4/17/2017		9.44 ppb
WF008	201703300-0050 Site: 120	4/17/2017		6.41 ppb
WF009	201703300-0051 Site: 122	4/17/2017		4.60 ppb
WF010	201703300-0052 Site: 103	4/17/2017		<3.00 ppb
WF011	201703300-0053 Site: 105	4/17/2017		<3.00 ppb
WF012	201703300-0054 Site: 100	4/17/2017		<3.00 ppb
WF013	201703300-0055 Site: 109	4/17/2017		20.0 ppb
WF015	201703300-0056 Site: 111	4/17/2017		20.4 ppb
WF016	201703300-0057 Site: 113	4/17/2017		<3.00 ppb
WF017	201703300-0058 Site: 115	4/17/2017		6.28 ppb
WF018	201703300-0059 Site: 117	4/17/2017		5.30 ppb
WF019	201703300-0060 Site: 119	4/17/2017		4.36 ppb
CWL002	201703300-0061 Site: 112B	4/17/2017		<3.00 ppb
CWL003	201703300-0062 Site: 121	4/17/2017		<3.00 ppb
CWL004	201703300-0063 Site: 121	4/17/2017		<3.00 ppb
ST 001	201703300-0064 Site: Jan	4/17/2017		3.50 ppb

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**Test Report: Lead in Water by Furnace AAS (EPA 200.9)**

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
S0741	201703300-0065 Site: 129	4/17/2017		3.30 ppb
S0751	201703300-0066 Site: 129	4/17/2017		3.36 ppb
S0761	201703300-0067 Site: 129	4/17/2017		<3.00 ppb
S0771	201703300-0068 Site: 129	4/17/2017		<3.00 ppb
S0781	201703300-0069 Site: 130	4/17/2017		<3.00 ppb
S0791	201703300-0070 Site: 130	4/17/2017		<3.00 ppb
S0801	201703300-0071 Site: 130	4/17/2017		<3.00 ppb
S0811	201703300-0072 Site: 130	4/17/2017		<3.00 ppb
S074	201703300-0073 Site: 114	4/17/2017		<3.00 ppb
S075	201703300-0074 Site: 116B	4/17/2017		6.22 ppb
S076	201703300-0075 Site: 116	4/17/2017		<3.00 ppb
S048	201703300-0076 Site: 216	4/17/2017		8.09 ppb
WF025	201703300-0077 Site: 216	4/17/2017		7.75 ppb
WF037	201703300-0078 Site: 215	4/18/2017		<3.00 ppb
S070	201703300-0079 Site: 215	4/18/2017		<3.00 ppb
WF024	201703300-0080 Site: 214	4/18/2017		<3.00 ppb

  
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Collected:

**Test Report: Lead in Water by Furnace AAS (EPA 200.9)**

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
S047	201703300-0081 Site: 214	4/18/2017		<3.00 ppb
WF036	201703300-0082 Site: 213	4/17/2017		6.49 ppb
S069	201703300-0083 Site: 213	4/17/2017		6.86 ppb
CWL005	201703300-0084 Site: 212D	4/17/2017		<3.00 ppb
S046	201703300-0085 Site: 212D	4/17/2017		5.19 ppb
S068	201703300-0086 Site: 211	4/17/2017		5.52 ppb
WF035	201703300-0087 Site: 211	4/17/2017		4.95 ppb
S062	201703300-0088 Site: 223	4/17/2017		<3.00 ppb
S063	201703300-0089 Site: 223	4/17/2017		<3.00 ppb
S064	201703300-0090 Site: 223	4/17/2017		<3.00 ppb
S065	201703300-0091 Site: 223	4/17/2017		<3.00 ppb
S066	201703300-0092 Site: 223	4/17/2017		6.92 ppb
S067	201703300-0093 Site: 223	4/17/2017		<3.00 ppb
S057	201703300-0094 Site: 222	4/17/2017		6.14 ppb
WF028	201703300-0095 Site: 222	4/17/2017		5.17 ppb
S073	201703300-0096 Site: 219	4/17/2017		7.82 ppb

  
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Fax: (610) 891-0559  
Received: 04/11/17 3:15 PM  
Collected:

**Test Report: Lead in Water by Furnace AAS (EPA 200.9)**

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
WF38	201703300-0097 Site: 219	4/17/2017		<3.00 ppb
S056	201703300-0098 Site: 220	4/17/2017		3.18 ppb
WF011	201703300-0099 Site: 220	4/17/2017		<3.00 ppb
S050	201703300-0100 Site: 218	4/17/2017		3.16 ppb
S051	201703300-0101 Site: 218	4/17/2017		<3.00 ppb
S052	201703300-0102 Site: 218	4/17/2017		<3.00 ppb
S053	201703300-0103 Site: 218	4/17/2017		<3.00 ppb
S054	201703300-0104 Site: 218	4/17/2017		<3.00 ppb
S055	201703300-0105 Site: 218	4/17/2017		<3.00 ppb
S049	201703300-0106 Site: 218A	4/17/2017		<3.00 ppb
WF027	201703300-0107 Site: 200	4/17/2017		<3.00 ppb
WF026	201703300-0108 Site: 200	4/17/2017		5.95 ppb
WF038	201703300-0109 Site: 217	4/17/2017		<3.00 ppb
S072	201703300-0110 Site: 217	4/17/2017		<3.00 ppb
WF023	201703300-0111 Site: 208	4/17/2017		4.63 ppb
S045	201703300-0112 Site: 208	4/17/2017		6.58 ppb

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Fax: (610) 891-0559  
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Collected:

**Test Report: Lead in Water by Furnace AAS (EPA 200.9)**

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
S061	201703300-0113 Site: 209	4/17/2017		9.39 ppb
WF034	201703300-0114 Site: 209	4/17/2017		8.70 ppb
WF022	201703300-0115 Site: 206	4/17/2017		3.81 ppb
S044	201703300-0116 Site: 206	4/17/2017		8.11 ppb
WF032	201703300-0117 Site: 200 Outside of Room 207	4/17/2017		13.3 ppb
WF033	201703300-0118 Site: 200 Outside of Room 207	4/17/2017		7.36 ppb
S043	201703300-0119 Site: 204	4/17/2017		<3.00 ppb
WF021	201703300-0120 Site: 204	4/17/2017		10.1 ppb
S059	201703300-0121 Site: 205	4/17/2017		15.5 ppb
WF030	201703300-0122 Site: 205	4/18/2017		<3.00 ppb
S042	201703300-0123 Site: 202	4/18/2017		10.5 ppb
WF020	201703300-0124 Site: 202	4/18/2017		5.26 ppb
S058	201703300-0125 Site: 203	4/18/2017		3.60 ppb
WF029	201703300-0126 Site: 203	4/18/2017		4.30 ppb
JAN2002	201703300-0127 Site: Janitor Closet 2nd Floor	4/18/2017		<3.00 ppb
ES003	201703300-0128 Site: Exterior Spigot #3	4/18/2017		5.20 ppb

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Fax: (610) 891-0559  
Received: 04/11/17 3:15 PM  
Collected:

**Test Report: Lead in Water by Furnace AAS (EPA 200.9)**

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
WF-040	201703300-0129	4/18/2017		<3.00 ppb
WF-041	201703300-0130	4/18/2017		<3.00 ppb
ST-002	201703300-0131	4/18/2017		8.52 ppb
UMS Main	201703300-0132	4/18/2017		<3.00 ppb

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EMSL Order: 201706917

CustomerID: ACCR50

CustomerPO:

ProjectID:

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**28 North Pennell Road**  
**Media, PA 19063**

Phone: (610) 891-0114  
Fax: (610) 891-0559  
Received: 07/13/17 1:10 PM  
Collected: 7/13/2017

Project: #11971

**Test Report: Lead in Water by Furnace AAS (EPA 200.9)**

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
VMS-118-S021R	201706917-0001	7/13/2017	7/13/2017	<3.00 ppb
	Site: Rm. 118			
VMS-205-S059R	201706917-0002	7/13/2017	7/13/2017	<3.00 ppb
	Site: Rm. 205			
VMS-111-WF-015R	201706917-0003	7/13/2017	7/13/2017	3.36 ppb
	Site: Rm. 111			
VMS-109-WF013R	201706917-0004	7/13/2017	7/13/2017	<3.00 ppb
	Site: Rm. 109			

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Initial report from 07/17/2017 14:51:05