



**FOLLOW-UP LEAD IN DRINKING WATER
REPORT
WARREN HILLS REGIONAL SCHOOL
DISTRICT
89 BOWERSTOWN ROAD
WASHINGTON NJ 07882**

PERFORMED FOR:
**WARREN HILLS REGIONAL SCHOOL DISTRICT
89 BOWERSTOWN ROAD
WASHINGTON, NJ 07882**

PERFORMED BY:
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Appendix I – Water Sampling Chain-of-Custody & Laboratory Reports



1.0 INTRODUCTION

Westchester Environmental, LLC was contracted by Anthony Sbriscia to conduct follow-up Drinking Water Sampling for Lead at Warren Hills Regional Warren Hills Regional High School, 41 Jackson Valley Road, Washington, NJ

The water sampling was performed on December 13, 2013 by Paul F. McCaa of Westchester Environmental, LLC.

The purpose of the sampling was to collect water samples at those fixtures in the facility that were reported to contain lead above the 15.5 ppb action level during the first round of sampling. and have them analyzed for lead.

All samples were analyzed by Suburban Testing Labs located at 1037 MacArthur Rd, Reading, PA 19605, a New Jersey certified Lead in Drinking Water testing facility.

-END OF SECTION-

2.0 SUMMARY OF FINDINGS

First draw & flush water samples were collected and submitted for lead analysis. Table 1 below shows the concentration of lead (parts per billion or microgram per liter) at each location sampled.

Table 1 High School

Field ID	Type	Action Level	Result	Lead Hazard
		ppb	ppb	Yes / No
WHHS-BLANK	BLANK	NA	<1.00	NA
WHHS-1FL-514C-42	STANDING	15.5	5.16	NO
WHHS-1FL-514C-42	FLUSH	15.5	<1.00	NO
Laboratory Control Sample *	NA	NA	14.8	NA
Laboratory Control Sample Duplicate *	NA	NA	14.6	NA

* Lab QA/QC samples and have met recovery criteria

-END OF SECTION-



3.0 SAMPLING AND ANALYSES

The following guidance documents were followed for all sampling:

1. The EPA's Revised Technical Guidance - "3Ts for Reduced Lead in Drinking Water in Schools"
2. The Guidance Document from NJDEP Division of Water Supply and Geoscience – "Lead in Drinking Water: Guidance for Schools and Child Care Facilities Served by Public Water".
3. N.J.A.C. 6A:26 Educational Facilities drinking water regulations.
4. The districts Sampling Plan and QAPP.

High School:

One (1) 250 ml. first draw sample and One (1) 250 ml. flush sample were collected from the sink in the kitchen that had a reported lead content above the 15.5 ppb action level during the first round of sampling, along with One (1) Field Blank for Quality Control purposes.

A total of three (3) samples were labeled with a unique identification number and transported to the Suburban Laboratory for analysis for lead in drinking water using EPA Method 200.8.

-END OF SECTION-

4.0 FINDINGS

Based on a laboratory analysis after the follow-up round of sampling, all samples collected & analyzed were reported to contain lead levels below the NJDEP 15.5 ppb action level

5.0 DISCUSSION & RECOMMENDATIONS

1. According to the US EPA, lead enters drinking water primarily through plumbing materials. Exposure to lead may cause health problems ranging from stomach distress to brain damage.
2. For further information on guidance protocols and Action Levels that were followed please refer to The EPA's Revised Technical Guidance - "**3Ts for Reduced Lead in Drinking Water in Schools**" and the Guidance Document from NJDEP Division of Water Supply and Geoscience – "**Lead in Drinking Water: Guidance for Schools and Child Care Facilities Served by Public Water**", "**N.J.A.C. 6A:26 Educational Facilities**" drinking water regulations and the districts **Sampling Plan** and **QAPP**.

Long Term Actions

1. Institute an aerator / screen cleaning maintenance schedule & clean debris from all accessible aerators frequently.
2. Periodically test random fixtures in the facility for the presence of lead

It is important to note that the Lead Hazard Assessment was a snap shot of the conditions existing at the time of the assessment and conditions may vary with time.

-END OF SECTION-



5.0 DISCLAIMER

The Lead Hazard Assessment has limitations with regards to identification of actual health and environmental issues. It is limited to only those items listed in the report and all items reflect conditions at the time of the assessment only.

Westchester Environmental LLC warrants only that the contents of this report constitute an informed discussion of the assessment at the subject property and is prepared exclusively for, and is confidential to, the above noted client. Westchester Environmental LLC assumes no liability with regards to the use of this information or decisions, which are made regarding the subject property. The user(s) of this information must use their own best judgment to determine the appropriate course of action.

Westchester Environmental LLC
Paul F. McCaa

A handwritten signature in blue ink that reads 'Paul F. McCaa'.

Senior Environmental Specialist

-END OF REPORT-