Lead in Drinking Water
First Draw
Sampling Review Report

Montague Elementary School

Prepared For:

Montague Elementary School
475 Route 206 North
Montague, NJ 07827

Sampling Performed By:
William Grennille
Montague School District

Results Reviewed By:
AERO Environmental Services Inc.
275 Rt 10 East, 220-306 Succasunna, NJ 07876

Report Date

May 16, 2025

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May 6, 2025

Mr. Dave Miller
Facilities
Montague Twp School District
475 Route 206
Montague, NJ 07827

Re: Lead in Drinking Water Report - First Draw Sampling

Dear Mr. Miller

Enclosed is a review report of laboratory results from Lead in Drinking Water Sampling & Analysis conducted at the Montague Elementary School. Lead in drinking water sampling was conducted of all active drinking water locations.

Sampling was performed by William Grennille a representative of the Montague School District, and samples were submitted to Eurofins Environmental Testing for analysis. AERO Environmental Services performed review of analytical results.

A total of twenty (20) first draw samples were collected while at the facility. All first draw samples were analyzed. All samples were labeled with a unique identification number and transported to Eurofins Environment Testing Philadelphia, 795 Horsham Road, Horsham, PA 19044 for analysis of lead in drinking water using EPA Method 200.8.

Based on laboratory analysis of all functioning drinking water locations samples analyzed, **zero (0) samples exceeded the action limit.** No remedial action is required. All lead results were below 15 µg/L which is the New Jersey Action Level.

If you have any questions regarding this report, please contact me at directly at 973-920-9061.

Sincerely,

Michael Berta, CSP, CPEA
AERO Environmental Services Inc.
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TABLE OF CONTENTS

Montague Elementary School

1.0 INTRODUCTION

Mr. William Grennille, a Montague School representative was contracted by Montague Elementary School to collect Lead in Drinking Water Sampling at one (1) district facility and submit samples for analysis to Eurofins Environment Testing Philadelphia. All samples were analyzed by Eurofins Environment Testing Philadelphia, LLC at 795 Horsham Road, Horsham, PA 19044.

The purpose of sampling was to collect first the draw drinking water samples from all active drinking water locations within the district and have them analyzed for lead concentration levels.

The initial first draw samples were taken from active drinking water outlets and food preparation outlets throughout the facilities. These samples determine the lead content of water sitting in water outlets that are used for drinking or cooking within each facility.

Lead in water can originate from the outlet fixture or plumbing upstream of the outlet fixture (e.g., pipe, joints, valves, fittings etc.). Lead can also enter a facility through the drinking water system. Sample results are then compared to assist in determining the sources of lead contamination and the appropriate corrective measures.

If initial first draw test results reveal lead concentrations greater than 15 µg/l (ppb) in a 250 mL sample for a given outlet, follow-up flush testing is required to determine if the lead contamination results are from the fixture or from interior plumbing.

All samples were collected in a 250 mL wide mouth plastic container that was provided by the analytical laboratory. At each sample location, the first draw sample was taken after it was determined that the water had been standing in the plumbing system for greater than eight hours but less than forty-eight hours.

-END OF SECTION-

2.0 SUMMARY OF FINDINGS

First Draw samples were collected and submitted for lead analysis. Table(s) 1 below shows the concentration of lead (parts per billion or microgram per liter) at each active drinking water location sampled. Sampling conducted followed NJDEP protocols, and all samples were submitted to Eurofins Environment Testing Philadelphia under a completed Chain of Custody.

Table 1: Montague Elementary School

Date	Location Description	Sample ID	Sample Location Code	First Draw Result ug/L (ppb)	Action Ug/L Ppb	Over Limit Yes/No
04/10/25	Room 211 Sink	630-108220-1	30-108220--SO-211	ND	15	No
04/10/25	Hallway by Room 209 Fountain Chiller	630-108220-2	630-108220--FCBF-HWRm209-01	ND	15	No
04/10/25	Hallway by Room 209 Bottle Filler	630-108220-3	630-108220--FCBF-HWRm209-02	ND	15	No
04/10/25	Kitchen Sink Left	630-108220-4	630-108220-KO-Kitchen-01	1.1	15	No
04/10/25	Kitchen Sink Right	630-108220-5	630-108220-KO-Kitchen-02	ND	15	No
04/10/25	Hallway by Room 304 Fountain Chiller	630-108220-6	630-108220-FCBF-HWRm304-01	ND	15	No
04/10/25	Hallway by Room 304 Bottle Filler	630-108220-7	630-108220-FCBF-HWRm304-02	ND	15	No
04/10/25	Hallway by Room 304 Fountain Chiller	630-108220-8	630-108220-FCBF-HWRm304-03	ND	15	No
04/10/25	Hallway by Room 304 Bottle Filler	630-108220-9	630-108220-FCBF-HWRm304-04	ND	15	No
04/10/25	Hallway by Room 201 Fountain Bubbler	630-108220-10	630-108220-FB-HWRm201-01	2.0	15	No
04/10/25	Hallway by Room 201 Fountain Bubbler	630-108220-11	630-108220-FB-HWRm 201-02	2.3	15	No
04/10/25	Room 201 Teachers Lounge Sink	630-108220-12	630-108220-SO-201	ND	15	No
04/10/25	Room 104 Nurse Bathroom Sink	630-108220-13	630-108220-MO-104	2.2	15	No
04/10/25	Rm 110 Sink	630-108220-14	630-108220-SO-110	0.86	15	No
04/10/25	Room 114 Sink	630-108220-15	630-108220-SO-114	ND	15	No
04/10/25	Room 115 Sink	630-108220-16	630-108220-SO-115	ND	15	No
04/10/25	Hallway by Room 116 Fountain Chiller	630-108220-17	630-108220-FCBF-HWRm116-01	ND	15	No
04/10/25	Hallway by Room 116 Bottle Filler	630-108220-18	630-108220-FCBF-HWRm116-02	ND	15	No
04/10/25	Room 116 Sink	630-108220-19	630-108220-SO-110	ND	15	No
04/10/25	Room 117 Sink	630-108220-20	630-108220-SO-117	ND	15	No

3.0 SAMPLING AND ANALYSES

The following guidance documents were followed for all sampling:

1. N.J.A.C. 6A:26-12.4 Safe Drinking Water

2. The EPA's Revised Technical Guidance - "3Ts for Reduced Lead in Drinking Water in Schools"

3. 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."

Twenty (20) first draw samples were collected while at each facility. All first draw samples were analyzed.

All samples were labeled with a unique identification number and transported to EMSL Analytical for analysis for lead in drinking water using EPA Method 200.8.

4.0 CONCLUSION

- Based on laboratory analysis of the samples analyzed, zero (0) samples exceeded the action limit.
- No remedial action is required.
- All lead results were below the 15 µg/L New Jersey Action Level.