

Written Program Indoor Air Quality Standard - PEOSH
Indoor Air Quality Survey & Testing for Sick Building Syndrome
Remediation/Cleanup of Mold & Moisture Problems in Schools & Commercial Buildings
Indoor Air Quality in Schools Awareness Training for Administrative/Maintenance Personnel
Asbestos Surveys and AHERA Management Plans
AHERA 2 Hour Awareness Training
"Non-Friable" Asbestos Final Air Clearance Sampling
Right to Know Survey, Compliance & PEOSHA Training
Written Hazard Communication Program (PEOSHA HCS)

RAMM Environmental Services, Inc.

Commitment, Excellence, Integrity

77 Nottingham Road, PO Box 308
Fair Lawn, New Jersey 07410
Phone: (201) 475-9880
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**LEAD IN DRINKING WATER ANALYSIS
FOR
MOUNTAINSIDE BOARD OF EDUCATION
BEECHWOOD SCHOOL
MOUNTAINSIDE, NEW JERSEY
AUGUST 9, 2021**

**Prepared for:
Mountainside Board of Education
1497 Woodacres Drive
Mountainside, NJ 07092
Attn.: Mr. Wayne DeVico, C.E.F.M.
Supervisor of Maintenance and Custodial Services
Tel: (908) 232-3232**

**Prepared by:
RAMM Environmental Services, Inc.
77 Nottingham Road, PO Box 308
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Mr. Rodger Headrick
President
Tel: (201) 475-9880
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August 27, 2021

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INTRODUCTION

RAMM Environmental Services, Inc. was requested by the Mountainside Board of Education to perform water sampling for lead content at the Beechwood School located in Mountainside, New Jersey.

Water quality sampling functions were performed by RAMM at the Beechwood School located in Mountainside, New Jersey on August 9, 2021, to determine the quality of drinking water for lead content. Water sampling began in the morning after all water outlets had remained unused for a minimum of eight (8) hours.

**WATER QUALITY MONITORING RESULTS
LEAD IN DRINKING WATER ANALYSIS**

Lead in drinking water sampling was performed during RAMM's August 9, 2021 site visit. The (E.P.A.) Environmental Protection Agency has established an enforceable lead concentration action level for public water supplies. The lead action level is 15 micrograms per liter (mg/L) = parts per billion (ppb), which is equivalent to 0.015 milligrams per liter (mg/L) = parts per million (ppm).

Beechwood School

Lead in drinking water measurements were collected in six (6) locations of the building.

<i>Sample #</i>	<i>Location</i>	<i>Lead Concentration</i>
Field Blank	Field Blank	None Detected
21-0809-01	Kitchen (Food Prep Sink)	None Detected
21-0809-02	Staff Lounge (Sink)	None Detected
21-0809-03	Gym Left (Water Fountain)	None Detected
21-0809-04	Gym Right (Water Fountain)	None Detected
21-0809-05	Nurse Room (Sink)	1.38 ppb
21-0809-06	By Room 113 Left (Water Fountain)	None Detected

All results report less than the United States Environmental Protection Agency (U.S.E.P.A.) Guidelines and the New Jersey Department of Environmental Protection (N.J.D.E.P.) for safe drinking water (15 ppb). Currently the drinking water is safe and poses no health hazard to building occupants.

RECOMMENDATIONS

Continue operation and maintenance as normal. Re-test all drinking water outlets during the 2024-2025 school year.



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

Rodger Headrick
RAMM Environmental Services, Inc.
77 Nottingham Road
Fair Lawn, NJ 07410

8/26/2021

Phone: (201) 475-9880

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The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 8/10/2021. The results are tabulated on the attached data pages for the following client designated project:

Beechwood School, Mountainside, NJ / 21-0809

The reference number for these samples is EMSL Order #012109081. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (856) 303-2500 / (856) 858-4571
<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order: 012109081
 CustomerID: RAMM50
 CustomerPO:
 ProjectID:

Client: **Rodger Headrick**
RAMM Environmental Services, Inc.
77 Nottingham Road
Fair Lawn, NJ 07410

Phone: (201) 475-9880
 Fax: (201) 475-9881
 Received: 8/10/2021 09:00 AM

Project: **Beechwood School, Mountainside, NJ / 21-0809**

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
FB Field Blank		8/9/2021 8:30:00 AM	012109081-0001		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	8/25/2021 VD	8/25/2021 VD 16:22
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
01 Kitchen Food Prep		8/9/2021 8:30:00 AM	012109081-0002		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	8/25/2021 VD	8/25/2021 VD 16:24
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
02 Staff Lounge - Sink		8/9/2021 8:45:00 AM	012109081-0003		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	8/25/2021 VD	8/25/2021 VD 16:28
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
03 Fountain by Gym - Left		8/9/2021 8:45:00 AM	012109081-0004		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	8/25/2021 VD	8/25/2021 VD 16:30
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
04 Fountain by Gym - Right		8/9/2021 8:45:00 AM	012109081-0005		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	8/25/2021 VD	8/25/2021 VD 16:31

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 CustomerID: RAMM50
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Project: **Beechwood School, Mountainside, NJ / 21-0809**

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
05	Nurse Room - Sink	8/9/2021 8:45:00 AM	012109081-0006		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	1.38	1.00 µg/L	8/25/2021 VD	8/25/2021 VD 16:32

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
06	Fountain by Room #113 - Left	8/9/2021 8:45:00 AM	012109081-0007		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	8/25/2021 VD	8/25/2021 VD 16:34

Definitions:

- MDL - method detection limit
- J - Result was below the reporting limit, but at or above the MDL
- ND - indicates that the analyte was not detected at the reporting limit
- RL - Reporting Limit (Analytical)
- D - Dilution Sample required a dilution which was used to calculate final results