



Environmental
& Remediation &
Management, Inc.

20-10 Maple Ave, Bldg. 35E
Fair Lawn, NJ 07410
Tele: (973) 949-3525
Fax: (973) 949-3526
Email: ermnj@aol.com

CLIENT: Demarest Board of Education Pr. No.: 1020-184

PROJECT: Country Road School additional Lead (Pb) in water sampling

FIELD TECHNICIANS: Polina Shchutckaia

REPORT DATE: January 31, 2018 REVISED DATE: January 31, 2018

Environmental Remediation & Management, Inc. was contacted by The Demarest Board of Education to conduct Additional Lead (Pb) in water sampling of new bubblers installed in Country Road School.

Polina Shchutckaia, an environmental field technicians with ER&M, arrived at the project site at approximately 8:00 am on January 15, 2018 prior to School's employees and occupants arrival and proceeded to collect water samples from designated drinking fountains and sinks. Sampling was performed using the guidelines of New Jersey State Department of Education Amendments and New Rules to N. J. A. C. 6A:26, Educational Facilities Lead (Pb) in Drinking Water Immediate Testing issued on July 13, 2016.

Samples were analyzed at EMSL Analytical, Inc. in Cinnaminson, New Jersey (NJDEP#03036), accredited in accordance with NELAC (National Environmental Laboratory Accreditation Conference). Analytical method was by Lead in Water by inductively coupled plasma mass spectrometry ICP-MS (EPA 200.8 or SM3113B).

None of the samples within the Country Road School came back at or above the recommended 'action level' as established by The United States Environmental Protection Agency (USEPA) of 15 parts per billion (ppb). At this time no additional preventive steps need to be taken for those sampled outlets.

If you have any questions, or if we could be of any further assistance, please feel free to contact our office. EnviroVision / ER&M looks forward to providing your home with the service and attention to detail you have come to expect from us.

Sincerely,

Guillermo M. Morales

EnviroVision Consultants, Inc.

Environmental Remediation & Management, Inc.

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

201800429

PHONE:
FAX:

Company: <u>Environmental Remediation & Management</u>		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: <u>20-10 Maple Ave; Bldg # 35E</u>		Third Party Billing requires written authorization from third party	
City: <u>Fair Lawn</u>	State/Province: <u>NJ</u>	Zip/Postal Code: <u>07410</u>	Country: <u>USA</u>
Report To (Name): <u>Polina Shchutckaia</u>		Telephone #: <u>943-949-3525</u>	
Email Address: <u>ermnj@aol.com</u>		Fax #: <u>943-949-3526</u>	Purchase Order:
Project Name/Number: <u>7030-184 Demarest BOE</u>		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: <u>NJ</u>		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input checked="" type="checkbox"/> Preserved with HNO₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input checked="" type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Polina Shchutckaia Signature of Sampler: P. Shchutckaia

Sample #	Location	Volume/Area	Date/Time Sampled
1	CR-FB Field blank	250 ml	01/15/18 08:08
2	CR-K Room K	↓	08:10
3	CR-K-flush Room K		08:12
4	CR-A Room A		08:14
5	CR-A-flush Room A		08:16

Client Sample #'s: _____ Total # of Samples: _____

Relinquished (Client): P. Shchutckaia Date: 01/15/18 Time: 10⁰⁰ a.m.

Received (Lab): _____ Date: 1/15/18 Time: 7:30 pm

Comments: Country Road School @ 130 Country Rd., Demarest, NJ 07627
pH adjusted 22 1/15/18 8am -ck Cladmark 1/16/18
gum-ck

! Analyze "Flush" samples only if First draw comes back > 15 ppb

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID (Lab Use Only):

201800429

PHONE:

FAX:

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
4 CR-B	Room B	250 ml	01/15/18 8:18
7 CR-B-Flush	Room B		8:19
8 CR-C	Room C		8:22
9 CR-C-Flush	Room C		8:24
10 CR-E	Room E		8:26
11 CR-E-Flush	Room E		8:27
12 CR-F	Room F		8:29
13 CR-F-Flush	Room F		8:32
14 CR-H	Room H		8:34
15 CR-H-Flush	Room H		8:36
Comments/Special Instructions: Country Road School @ 130 Country Rd., Demarest, NJ 07627			

! Analyze "Flush" samples only if first draw comes back >15 ppb.

**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

EMSL Order: 201800429

CustomerID: ENVI76

CustomerPO:

ProjectID:

Attn: **Polina Shchutkala**
Environmental Remediation & Management
20-10 Maple Ave
Building 35E
Fair Lawn, NJ 07410

Phone: (973) 949-3525
 Fax: (973) 949-3526
 Received: 01/16/18 9:00 AM
 Collected: 1/15/2018

Project: 1020-184 / Demarest BOE / Country Road School @ 130 County Road, Demarest, NJ 07627

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>
CR-FB Site: Field Blank	201800429-0001	1/15/2018	1/22/2018	<3.00 ppb
CR-K Site: Room K	201800429-0002	1/15/2018	1/22/2018	<3.00 ppb
CR-A Site: Room A	201800429-0004	1/15/2018	1/22/2018	<3.00 ppb
CR-B Site: Room B	201800429-0006	1/15/2018	1/22/2018	5.51 ppb
CR-C Site: Room C	201800429-0008	1/15/2018	1/22/2018	<3.00 ppb
CR-E Site: Room E	201800429-0010	1/15/2018	1/22/2018	3.19 ppb
CR-F Site: Room F	201800429-0012	1/15/2018	1/22/2018	<3.00 ppb
CR-H Site: Room H	201800429-0014	1/15/2018	1/22/2018	<3.00 ppb

Phillip Worby, Lead Laboratory Manager
 or other approved signatory

The test results contained within this report meet the requirements of NELAC unless otherwise noted. This report relates only to those items tested. Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NJ-NELAP 03036

Initial report from 01/30/2018 11:30:09



Environmental
& Remediation &
Management, Inc.

DAILY FIELD OBSERVATIONS/BILLING SHEET

CLIENT: Demarest BOE DATE: 01/15/2018

FACILITY: Country Road School PR. No.: 1020-184

TECHNICIAN: Polina Shchutckala CONTRACTOR: N/A

TIME	OBSERVATIONS
08:05	a.m. I, Polina Shchutckala, technician from ER&M arrive on site & meet school custodian.
08:08	CR-FB-I collect field blank
08:10	CR-K - bubbler in Room K (by sink). Brand new with filter in line. No built up, no corrosion, no odor or discoloration.
08:12	CR-K-Flush - after flush sample.
08:14	CR-A - bubbler in Room A. Has filter, no built up, no corrosion, no odor or discoloration.
08:16	CR-A-Flush - after flush sample.
08:18	CR-B - bubbler in Room B. New fixture, has filter, no built up, no corrosion, no odor or discoloration.
08:19	CR-B-Flush - after flush sample.
08:22	CR-C - bubbler by sink in Room C. New fixture, has filter, no built up, no corrosion, no odor or discoloration.

Total Regular Hours: 1 Total Overtime Hours: _____ Pr. Mngmt. Hours: _____

Sample Type: Pb in water Total No. Samples: 17 TAT: 2 weeks
 Sample Type: _____ Total No. Samples: _____ TAT: _____

Technician's Signature: P. Shchutckala Page 1 of 2



Environmental
Remediation &
Management, Inc.

20-10 Maple Ave, Bldg. 35E
Fair Lawn, NJ 07410
Tele: (973) 949-3525
Fax: (973) 949-3526
Email: ermnj@aol.com

DAILY FIELD OBSERVATIONS

CLIENT	Demarest BOE		
PROJECT	Country Road School		
TECHNICIAN	Polina Shchutckaia	CONTRACTOR	N/A
DATE	01/15/2014	PROJECT NO.	1020-184

TIME	OBSERVATIONS
08:24	CR-C-Flush - after flush sample
08:26	CR-E - bubbler by sink in Room E. New fixture, has filter, no built up, no odor or discoloration, no corrosion.
08:24	CR-E-Flush - after flush sample
08:29	CR-F - bubbler by sink in Room F. New fixture, has filter, no built up, no corrosion, no odor or discoloration
08:32	CR-F-Flush - after flush sample.
08:34	CR-H - bubbler by sink in Room H. New fixture, has filter, no built up, no corrosion, no odor or discoloration.
08:36	CR-H-Flush - after flush sample.
08:40	I finished sampling and am leaving the job site for the day.

Technician's Signature: P. Shchutckaia PAGE 2 of 2