

Fair Lawn Public Schools

Joanne Wilson
Business Administrator/Board Secretary

37-01 Fair Lawn Avenue
Fair Lawn, New Jersey 07410
Tele: (201)794-5500
Fax: (201)703-4630

E-mail: jwilson@fairlawnschools.org

April 7, 2017

Dear Parents and Staff:

In the Spring of 2016 the school district contracted with ERM, an environmental company, to perform sample testing of the lead levels in the drinking water. In July 2016 the State of New Jersey passed additional requirements to N.J.A.C. 6A:26 which now includes mandatory testing in public school districts as well as a Quality Assurance Project Plan (QAPP) and water sample plans. The school district has until July 2017 to comply and the prior testing will not meet the new regulations.

Mandatory testing at elementary schools and middle schools took place during February Break 2017. Testing results we have received to date can be found on each school website. Bergen Avenue building and Edison School test results are included on the District website. Also included is a link to information from the State of New Jersey regarding health effects with lead and information on school water sources.

Remedial action was taken on all sources that exceeded the acceptable level of lead which is fifteen (15) parts per billion (ppb). The sources were taken out of service. Filters will be installed and a second round of testing will be performed over April Break 2017.

The High School was sampled on March 12, and April 2, 2017. Results will be posted on the district and school website as they are received and interpreted.

More information on drinking water facts can be found at:

http://www.state.nj.us/health/ceohs/documents/dwf_lead_schools.pdf

Sincerely,



Joanne Wilson
Business Administrator/Board Secretary

cc: NJ Department of Education
NJ Department of Education – Bergen County
Board of Education
ERM

“THE LEADERS OF TOMORROW ATTEND FAIR LAWN SCHOOLS TODAY”



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: Fair Lawn Board of Education Pr. No.: 1044-366

PROJECT: District Wide Lead (Pb) in water sampling (John A. Forrest School)

FIELD TECHNICIANS: Anastasia Leverage

REPORT DATE: April 5, 2017

Environmental Remediation & Management, Inc. was contacted by The Fair Lawn Board of Education to conduct a District wide Lead (Pb) in water sampling.

Anastasia Leverage, an environmental field technicians with ER&M, arrived at the project site at approximately 7:30 am on February 22, 2017 and proceeded to collect water samples from designated drinking fountains and cooking sinks.

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).

One sample within the John A. Forrest Elementary 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). All collected samples are First Draw Samples – first 250 ml of cold water collected from the drinking water outlet. The water in the school facility must remain motionless in the plumbing for a minimum 8 hours but no more than 48 hours.

JOHN A. FORREST ELEMENTARY SCHOOL LEAD (PB) IN WATER RESULTS OF CONCERN

Sample No.	Location	Results
FLFDW1	Room 102	44.7 ppb

*Highlighted results are at or exceed the USEPA allowable limit of 15 Parts Per Billion (ppb).

At this moment we recommend the some or all of the following steps be taken

- Permanent closure of certain water taps.
- Removal and replacement with non-lead containing fixtures.
- Contact the water utility to obtain information about their corrosion control procedures and how it might affect the Districts control plans.
- Development of a Flushing Program for those taps high in lead and turbidity. This may include automatic flushing systems.
- Installation of filtration systems (including post installation performance monitoring)

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.



EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 856-4971 Email: Info@emsl-analytical.com

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

3/1/2017

Phone: (973) 949-3525
Fax: (973) 949-3526

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 2/27/2017. The results are tabulated on the attached data pages for the following client designated project:

Fairlawn Forrest

The reference number for these samples is EMSL Order #011701488. 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 68-00387, CA ELAP 187

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> Env.Chemistry@emsl.com

EMSL Order: 011701488
 CustomerID: ENV176
 CustomerPO:
 ProjectID:

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

Phone: (973) 949-3525
 Fax: (973) 949-3526
 Received: 02/23/17 5:00 PM

Project: Fairlawn Forrest

Analytical Results

Client Sample Description		FLFFB	Field-Blank	Collected:	2/22/2017	Lab ID:	0001	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	2/27/2017	AE	2/28/2017	EG
Client Sample Description		FLFDW1	Room102	Collected:	2/22/2017	Lab ID:	0002	
200.8	Lead	44.7	1.00	µg/L	2/27/2017	AE	2/28/2017	EG
Client Sample Description		FLFDW2	Room111	Collected:	2/22/2017	Lab ID:	0003	
200.8	Lead	3.80	1.00	µg/L	2/27/2017	AE	2/28/2017	EG
Client Sample Description		FLFDW3	Room101	Collected:	2/22/2017	Lab ID:	0004	
200.8	Lead	4.54	1.00	µg/L	2/27/2017	AE	2/28/2017	EG
Client Sample Description		FLFDW4	Hall-By-Rm105	Collected:	2/22/2017	Lab ID:	0005	
200.8	Lead	ND	1.00	µg/L	2/27/2017	AE	2/28/2017	EG
Client Sample Description		FLFDW5	Hall-By-Rm104	Collected:	2/22/2017	Lab ID:	0006	
200.8	Lead	ND	1.00	µg/L	2/27/2017	AE	2/28/2017	EG
Client Sample Description		FLFS1	Faculty-Room	Collected:	2/22/2017	Lab ID:	0007	
200.8	Lead	ND	1.00	µg/L	2/27/2017	AE	2/28/2017	EG

**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: 011701488
 CustomerID: ENV176
 CustomerPO:
 ProjectID:

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

Phone: (973) 949-3525
 Fax: (973) 949-3526
 Received: 02/23/17 5:00 PM

Project: **Fairlawn Forrest**

Analytical Results

Client Sample Description		FLFDW6	Collected:	2/22/2017	Lab ID:	0008		
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	10.5	1.00	µg/L	2/27/2017	AE	2/28/2017	EG
Nurse								
Client Sample Description		FLFS2	Collected:	2/22/2017	Lab ID:	0009		
200.8	Lead	5.49	1.00	µg/L	2/27/2017	AE	2/28/2017	EG
Kitchen								
Client Sample Description		FLFDW7	Collected:	2/22/2017	Lab ID:	0010		
200.8	Lead	3.82	1.00	µg/L	2/27/2017	AE	2/28/2017	EG
Hall-By-Kitchen								
Client Sample Description		FLFDW8	Collected:	2/22/2017	Lab ID:	0011		
200.8	Lead	3.79	1.00	µg/L	2/27/2017	AE	2/28/2017	EG
Gym								
Client Sample Description		FLF2DW9	Collected:	2/22/2017	Lab ID:	0012		
200.8	Lead	ND	1.00	µg/L	2/27/2017	AE	2/28/2017	EG
Hall-By217								
Client Sample Description		FLF2DW10	Collected:	2/22/2017	Lab ID:	0013		
200.8	Lead	1.71	1.00	µg/L	2/27/2017	AE	2/28/2017	EG
Hall-By216								

Definitions:

ND - Indicates that the analyte was not detected at the reporting limit
 RL - Reporting Limit (Analytical)

Lead (Pb) Chain of Custody
 EMSL Order ID (Lab Use Only):

011701488

PHONE:
 FAX:

Company: <u>EPM Inc</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>Maple Ave</u>		Third Party Billing requires written authorization from third party	
City: <u>Fair Lawn</u>	State/Province: <u>NJ</u>	Zip/Postal Code:	Country:
Report To (Name): <u>Willie Mirales</u>		Telephone #:	
Email Address: <u>emnt@aol.com</u>		Fax #:	Purchase Order:
Project Name/Number: <u>Fair Lawn Forest</u>		Please Provide Results: <input type="checkbox"/> FAX <input 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"/> *If no box is checked, non-ASTM Wipe is assumed	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 HNO ₃ 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 type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input checked="" type="checkbox"/>
TSP/SPM Filter	40 CFR Part 60	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 60	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Anastasia Leverenz Signature of Sampler: [Signature]

Sample #	Location	Volume/Area	Date/Time Sampled
	<u>see attached</u>		

Client Sample #'s: _____ Total # of Samples: 20

Relinquished (Client): [Signature] Date: 2-22 Time: 3

Received (Lab): [Signature] Date: 2/23/17 Time: 4:54 PM

Comments: per Willie - 2 week TAT 2/27/17 1:00pm TA

20 FEB 23 PM 4:59
 EMSL MANHATTAN
 RECEIVED

Received MG 2/27/2017
 9:00

LEAD (Pb) CHAIN OF CUSTODY
 EMSL ORDER ID (Lab Use Only):

011701488

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
FLFFB	Field Blank	250 ml	1 ⁰⁵
FLFDW1	Room 112	250 ml	1 ¹⁵
FLFDW2	Room 111	250 ml	1 ¹⁷
FLFDW3	Room 101	250 ml	1 ²⁰
FLFDW4	Hall by Rm 105	250 ml	1 ²³
FLFDW5	Hall by Rm 104	250 ml	1 ²⁶
FLFS1	Faculty Room	250 ml	1 ³¹
FLFDW6	Nurse	250 ml	1 ³⁶
FLFS2	Kitchen	250 ml	1 ⁴⁰
FLFDW7	Hall by Kitchen	250 ml	1 ⁴³
FLFDW8	Gym	250 ml	1 ⁴⁶
FLFDW9	Hall by 217	250 ml	1 ⁵¹
FLFDW10	Hall by 216	250 ml	1 ⁵⁵
Comments/Special Instructions:			

EMSL MANHATTAN LABS
 RECEIVED
 2017 FEB 23 PM 4:59

State of New Jersey
Department of Environmental Protection

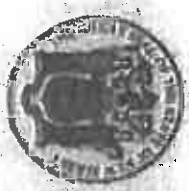
Certifies That
EMSL Analytical Inc
Laboratory Certification ID # 03036

is hereby approved as a
Nationally Accredited Environmental Laboratory
to perform the analyses as indicated on the Annual Certified Parameter List
which must accompany this certificate to be valid

having duly met the requirements of the
Regulations Governing the Certification of
Laboratories and Environmental Measurements N.J.A.C. 7:18 et. seq.

having been found compliant with the 2009 TNI Standard approved by the
The NELAC Institute

Expires June 30, 2017



Michelle M. Pater
Michelle M. Pater
Interim Manager

NIDEP is a NELAP Recognized Accreditation Body

This certificate is for the environmental laboratory's compliance of the laboratory with the annual certified parameter list as a condition on the premises of the listed laboratory. Customers are urged to verify the laboratory's compliance with the annual certified parameter list as a condition on the premises of the listed laboratory. Customers are urged to verify the laboratory's compliance with the annual certified parameter list as a condition on the premises of the listed laboratory.