

# 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](mailto: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](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 (Henry B. Milnes School)

FIELD TECHNICIANS: Anastasia Leverence

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 Leverence, an environmental field technicians with ER&M, arrived at the project site at approximately 7:30 am on February 23, 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).

Three samples within the Henry B. Milnes 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.

### **HENRY B. MILNES ELEMENTARY SCHOOL LEAD (PB) IN WATER RESULTS OF CONCERN**

Sample No.	Location	Results
FLMEDW11	Room 106	17.8 ppb
FLMEDW15	Room 123	46.5 ppb
FLMEDW16	Room 122	16.1 ppb

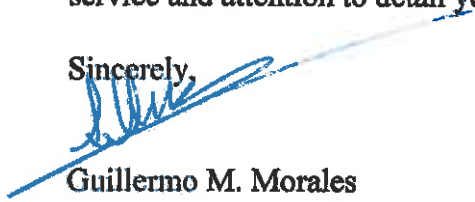
\*Highlighted results are at or exceed the USEPA allowable limit of 15 Parts Per Billion (ppb).

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) 858-3571 Email: EnvChemistry20@emsl.com

Attn: **Willie Morales**  
**Environmental Remediation & Management**  
**20-10 Maple Ave**  
**Building 35E**  
**Fair Lawn, NJ 07410**  
Phone: (973) 949-3525  
Fax: (973) 949-3526

3/3/2017

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 2/28/2017. The results are tabulated on the attached data pages for the following client designated project:

**Fair Lawn Mlines**

The reference number for these samples is EMSL Order #011701535. 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 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.**

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

EMSL Order: 011701535  
 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: 02/28/17 10:00 AM

Project: Fair Lawn Millies

**Analytical Results**

Client Sample Description		FLMEFB	Collected:	2/23/2017	Lab ID:	0001		
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	3/1/2017	AE	3/2/2017	EG
Client Sample Description		FLMES1	Collected:	2/23/2017	Lab ID:	0002		
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	2.50	1.00	µg/L	3/1/2017	AE	3/2/2017	EG
Client Sample Description		FLMEDW1	Collected:	2/23/2017	Lab ID:	0003		
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	11.3	1.00	µg/L	3/1/2017	AE	3/2/2017	EG
Client Sample Description		FLMEDW2	Collected:	2/23/2017	Lab ID:	0004		
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	14.3	1.00	µg/L	3/1/2017	AE	3/2/2017	EG
Client Sample Description		FLMEDW3	Collected:	2/23/2017	Lab ID:	0005		
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	8.29	1.00	µg/L	3/1/2017	AE	3/2/2017	EG
Client Sample Description		FLMEDW4	Collected:	2/23/2017	Lab ID:	0006		
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	9.87	1.00	µg/L	3/1/2017	AE	3/2/2017	EG
Client Sample Description		FLMEDW5	Collected:	2/23/2017	Lab ID:	0007		
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	8.59	1.00	µg/L	3/1/2017	AE	3/2/2017	EG

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077  
 Phone/Fax: (856) 303-2500 / (856) 858-4571  
<http://www.EMSL.com> [Env.Chemistry2@emsl.com](mailto:Env.Chemistry2@emsl.com)

EMSL Order: 011701535  
 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: 02/28/17 10:00 AM

Project: Fair Lawn Millies

**Analytical Results**

Client Sample Description		FLMEDW6	Collected:	2/23/2017	Lab ID:	0008		
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	3.48	1.00	µg/L	3/1/2017	AE	3/2/2017	EG
Client Sample Description		FLMEDW7	Collected:	2/23/2017	Lab ID:	0009		
200.8	Lead	5.85	1.00	µg/L	3/1/2017	AE	3/2/2017	EG
Client Sample Description		FLMEDW8	Collected:	2/23/2017	Lab ID:	0010		
200.8	Lead	6.73	1.00	µg/L	3/1/2017	AE	3/2/2017	EG
Client Sample Description		FLMEDW9	Collected:	2/23/2017	Lab ID:	0011		
200.8	Lead	9.88	1.00	µg/L	3/1/2017	AE	3/2/2017	EG
Client Sample Description		FLMEDW10	Collected:	2/23/2017	Lab ID:	0012		
200.8	Lead	14.3	1.00	µg/L	3/1/2017	AE	3/2/2017	EG
Client Sample Description		FLMEDW11	Collected:	2/23/2017	Lab ID:	0013		
200.8	Lead	17.8	1.00	µg/L	3/1/2017	AE	3/2/2017	EG
Client Sample Description		FLMEDW12	Collected:	2/23/2017	Lab ID:	0014		
200.8	Lead	4.00	1.00	µg/L	3/1/2017	AE	3/2/2017	EG

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>[EnvChemist02@emsl.com](mailto:EnvChemist02@emsl.com)

EMSL Order: 011701536

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: 02/28/17 10:00 AM

Project: Fair Lawn Millnes

**Analytical Results**

Client Sample Description		FLMES2	Collected:	2/23/2017	Lab ID:	0015		
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	5.59	1.00	µg/L	3/1/2017	AE	3/2/2017	EG
Client Sample Description		FLMEDW13	Collected:	2/23/2017	Lab ID:	0016		
200.8	Lead	9.16	1.00	µg/L	3/1/2017	AE	3/2/2017	EG
Client Sample Description		FLMEDW14	Collected:	2/23/2017	Lab ID:	0017		
200.8	Lead	5.37	1.00	µg/L	3/1/2017	AE	3/2/2017	EG
Client Sample Description		FLMES3	Collected:	2/23/2017	Lab ID:	0018		
200.8	Lead	4.25	1.00	µg/L	3/1/2017	AE	3/2/2017	EG
Client Sample Description		FLMEDW15	Collected:	2/23/2017	Lab ID:	0019		
200.8	Lead	46.5	1.00	µg/L	3/1/2017	AE	3/2/2017	EG
Client Sample Description		FLMEDW16	Collected:	2/23/2017	Lab ID:	0020		
200.8	Lead	16.1	1.00	µg/L	3/1/2017	AE	3/2/2017	EG
Client Sample Description		FLMEDW17	Collected:	2/23/2017	Lab ID:	0021		
200.8	Lead	11.1	1.00	µg/L	3/1/2017	AE	3/2/2017	EG

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077  
 Phone/Fac: (856) 303-2500 / (856) 868-4571  
<http://www.EMSL.com> [Env.Chemistry2@emsl.com](mailto:Env.Chemistry2@emsl.com)

EMSL Order: 011701535  
 CustomerID: ENV176  
 CustomerPO:  
 ProjectID:

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

Phone: (973) 949-3525  
 Fac: (973) 949-3526  
 Received: 02/28/17 10:00 AM

Project: Fair Lawn Millies

**Analytical Results**

Client Sample Description		FLMEDW18	Collected:	2/23/2017	Lab ID:	0022		
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	11.2	1.00	µg/L	3/1/2017	AE	3/2/2017	EG

**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):

011701535

PHONE:  
FAX:

Company: <b>ERM Inc</b>		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comment:</small>		
Street: <b>Maple Ave</b>		Third Party Billing requires written authorization from third party		
City: <b>Fair Lawn</b>	State/Province: <b>NJ</b>	Zip/Postal Code:	Country:	
Report To (Name): <b>Walke Horeles</b>		Telephone #:		
Email Address: <b>ERMNJ@aol.com</b>		Fax #:	Purchase Order:	
Project Name/Number: <b>FairLawn Milnes</b>		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail		
U.S. State Samples Taken: <b>NJ</b>		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt		
Turnaround Time (TAT) Options* - Please Check				
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour	
<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input checked="" type="checkbox"/> 4-Week	<input type="checkbox"/> 2 Week	
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide</small>				
Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm <sup>2</sup> <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* <small>ASTM <input type="checkbox"/>   non ASTM <input type="checkbox"/>   *If no box is checked, non-ASTM   Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-8010B 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/SW846-8010B 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 <sub>3</sub> 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 <sub>3</sub> 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 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.8 µg/filter	<input type="checkbox"/>
Other:				
Name of Sampler: <b>Anastasia Leverence</b>		Signature of Sampler: <i>[Signature]</i>		
Sample #	Location	Volume/Area	Date/Time Sampled	
	<i>see attached</i>		FEB 25 PM 4:30 RECEIVED HANNAH L...	
Client Sample #'s		Total # of Samples: <b>22</b>		
Relinquished (Client): <i>[Signature]</i>	Date: <b>2/23</b>	Time: <b>4:00</b>		
Received (Lab): <i>[Signature]</i>	Date: <b>2/25/17</b>	Time: <b>4:30 PM</b>		
Comments: <b>Am courier 2/27/17 7:20 pm.</b>				

*Received message 2/28/17  
W:00AM 190*

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID (Lab Use Only):

011701535

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
FLMESB	Field Blank	250 ml	2-23 10 <sup>00</sup>
FLMES1	Kitchen	250 ml	2 <sup>23</sup> 10 <sup>05</sup>
FLMEDW1	Gym	250 ml	2 <sup>23</sup> 10 <sup>08</sup>
FLMEDW2	Hall by Rm 115	250 ml	2 <sup>23</sup> 10 <sup>12</sup>
FLMEDW3	Hall by Rm 120	250 ml	2 <sup>23</sup> 10 <sup>16</sup>
FLMEDW4	Hall by Main Office	250 ml	2 <sup>23</sup> 10 <sup>19</sup>
FLMEDW5	Hall by Library	250 ml	2 <sup>23</sup> 10 <sup>23</sup>
FLMEDW6	Hall by Library	250 ml	2 <sup>23</sup> 10 <sup>25</sup>
FLMEDW7	Room 114	250 ml	10 <sup>28</sup>
FLMEDW8	Room 109	250 ml	10 <sup>30</sup>
FLMEDW9	Hall by Rm 110	250 ml	10 <sup>33</sup>
FLMEDW10	Room 107	250 ml	10 <sup>36</sup>
FLMEDW11	Room 106	250 ml	10 <sup>38</sup>
FLMEDW12	Room <del>106</del> Lobby	250 ml	10 <sup>40</sup>
FLMES2	Nurse	250 ml	10 <sup>47</sup>
FLMEDW13	Hall by Rm 121	250 ml	10 <sup>51</sup>
FLMEDW14	Hall by Rm 121	250 ml	10 <sup>52</sup>
FLMES3	Faculty Room	250 ml	10 <sup>55</sup>
Comments/Special Instructions: n.d.: <i>[Signature]</i> 2/25/17 4:30 PM 2017 FEB 25 PM 4:30 EMSL MAINTANANCE RECEIVED			





## EMSL Analytical, Inc. Sample Transfer Form

Receiving Lab:	EMSL- Manhattan	Phone Number:	(212) 290-0051	
		Fax Number:	(212) 290-0058	
Relinquished to:	EMSL- CINNAMINSON	Phone Number:	800-220-3675	
		Fax Number:		
Does new lab hold equivalent or additional accreditation? *			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
EMSL Customer ID # (if known):				
Client Name:				
<i>Environmental Remediation &amp; Maint</i>				
Client Project:				
<i>Fairbairn Milnes / NJ</i>				
Tests to be Performed:				
<i>lead in water</i>				
Date Received:				
<i>2/25/2017</i>				
Date Relinquished:				
<i>2/27/2017</i>				
Date Due:				
<i>1 week TAT</i>				
Special Instructions: (e.g. Work Order #, required qualifications, project specific procedures/modifications)				
<i>22 samples</i>				
Relinquished by (Signature):	Date:	Received by (Signature):	Date:	
<i>[Signature]</i>	<i>2/25/17</i>	<i>[Signature]</i>	<i>02-27-17</i>	
Relinquished by (Signature):	Date:	Received by (Signature):	Date:	
<i>[Signature]</i>	<i>02-27-17</i>	<i>AM COURIER</i>	<i>2/27/17 7:20 pm</i>	
<b>Customer Agreement</b> - Please sign form and send to the receiving laboratory. By signing below, you agree to permit the above named receiving lab to transfer samples to a separate EMSL lab with equivalent qualifications* for analysis. The final report will be issued from the analyzing laboratory. Ensure any requirements are listed in special instructions.				
Name (please print):	Signature:	Agent of:	Date:	
If this is a recurring project or sample type that may require samples to be relinquished on a regular basis, a Standing Agreement form must be completed.				

\* Receiving and analyzing labs shall be aware of required qualifications of project prior to transfer of samples.

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.

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

Expires June 30, 2017



*Michele M. Potter*

Michele M. Potter  
Interim Manager

NJDEP is a NELAP Recognized Accreditation Body

This certificate is to be complemented by the Laboratory with the annual certified parameter list. A violation of the parameter value in the listed parameters and/or any other parameter is subject to enforcement action by the State of New Jersey.