May 30, 2017

Subject: Second Update on Lead in Water Testing

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. Installation of filters was completed and a second round of testing was be performed on May 15, 2017 on all schools except the High School. Results are posted on each school website. Please note at Thomas Jefferson it was necessary to replace one fixture after the second draw results were still above acceptable levels.

Second round testing at the High School was completed on May 27, 2017. Results will be posted upon receipt.

More information on drinking water facts can be found at:

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

Sincerely,

[Signature]
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"
# Attachment C – Drinking Water Outlet Inventory

(Complete for each school)

Name of School: Memorial middle School  Address: 12-00 First st.

Grade Levels: 6-8  Year School Constructed: 1956  Renovated/Additions: ____________

Individual school project officer Name/Signature: John Glowacki  Date Completed: 12-12-16

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Time</th>
<th>Operational</th>
<th>Sign of Corrosion</th>
<th>Filter</th>
<th>Leaky</th>
<th>Exposed Paint or Stains</th>
<th>Water-Stop Valve</th>
<th>Cleaned Water</th>
<th>Water Cooler</th>
<th>Comments</th>
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<tbody>
<tr>
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<tr>
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<tr>
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</table>

*This fixture was the only one that came back above 15 ppb, we removed it from service.*

1. Number outlets starting at the closest outlet to the Point of Entry (POE).
2. Document if permanently or temporarily out of service on the Attachment B- Plumbing Profile.
3. Signs of corrosion detected, such as but not limited to frequent leaks, rust-colored water, or stained fixtures, dishes, or laundry.
4. Document on Attachment D- Filter Inventory.

Version 1.1 July 21, 2016 (NJDEP)
# Attachment C – Drinking Water Outlet Inventory

(Complete for each school)

**Name of School:** Memorial Middle School  
**Address:** 12-00 First St.

**Grade Levels:** G-8  
**Year School Constructed:** 1956  
**Renovated/Additions:**

**Individual school project officer Name/Signature:** John Glowacki  
**Date Completed:** 12-12-16

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</tbody>
</table>

1. Number outlets starting at the closest outlet to the Point of Entry (POE).
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Version 1.1 July 21, 2016 (NJDEP)
CLIENT: Fair Lawn Board of Education      Pr. No.: 1044-366
PROJECT: District Wide Lead (Pb) in water sampling (Memorial Middle 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 24, 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 Memorial Middle 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.

**MEMORIAL MIDDLE SCHOOL LEAD (Pb) IN WATER RESULTS OF CONCERN**

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Location</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLMSADW6</td>
<td>Gym by Girls</td>
<td>193 ppb</td>
</tr>
</tbody>
</table>

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

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

Fair Lawn Memorial

The reference number for these samples is EMSL Order #011701537. 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:

[Signature]

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 66-00367, 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.
### Analytical Results

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<th>Client Sample Description</th>
<th>FLMSFFB</th>
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## Analytical Results

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</table>
Att: Willie Morales  
Environmental Remediation & Management 
20-10 Maple Ave  
Building 35E  
Fair Lawn, NJ 07410 

Project: Fair Lawn Memorial 

---

### Analytical Results

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<td>EG</td>
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**Definitions:**
- ND - indicates that the analyte was not detected at the reporting limit
- RL - Reporting Limit (Analytical)
# Lead (Pb) Chain of Custody

**Company:** EZTH Inc  
**Street:** Maple Ave  
**City:** Fairfield  
**State:** NJ  
**Project Name/Number:** Fairfield Memorial  
**U.S. State Samples Taken:** NJ  
**Third Party Billing:** Yes

**Method:** Flame Atomic Absorption  
**Reporting Limit:** 0.01 ppm

<table>
<thead>
<tr>
<th>Matrix</th>
<th>Method</th>
<th>Instrument</th>
<th>Reporting Limit</th>
<th>Check</th>
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<tbody>
<tr>
<td>Chips</td>
<td>SW846-7000B</td>
<td>Flame Atomic Absorption</td>
<td>0.01 ppm</td>
<td>Yes</td>
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<tr>
<td>Air</td>
<td>NIOSH 7082</td>
<td>Flame Atomic Absorption</td>
<td>4 µg/filter</td>
<td>No</td>
</tr>
<tr>
<td>Wipe</td>
<td>SW846-7000B</td>
<td>Flame Atomic Absorption</td>
<td>10 µg/wipe</td>
<td>Yes</td>
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<tr>
<td>TCLP</td>
<td>SW846-1311/70000B/SMI 3111B</td>
<td>Flame Atomic Absorption</td>
<td>0.4 mg/L (ppm)</td>
<td>No</td>
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<tr>
<td>Soil</td>
<td>SW846-7010</td>
<td>Flame Atomic Absorption</td>
<td>40 mg/kg (ppm)</td>
<td>Yes</td>
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<tr>
<td>Wastewater</td>
<td>SW846-61010B or C</td>
<td>Flame Atomic Absorption</td>
<td>0.003 mg/L (ppm)</td>
<td>Yes</td>
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<tr>
<td>Drinking Water</td>
<td>EPA 200.9</td>
<td>Flame Atomic Absorption</td>
<td>0.020 mg/L (ppm)</td>
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<tr>
<td>TSP/SPM Filter</td>
<td>40 CFR Part 50</td>
<td>Graphite Furnace AA</td>
<td>12 µg/filter</td>
<td>Yes</td>
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**Name of Sampler:** Anastasia Leverence  
**Signature of Sampler:** [Signature]

**Sample #**  
<table>
<thead>
<tr>
<th>Location</th>
<th>Volume/Area</th>
<th>Date/Time Sampled</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Location]</td>
<td>[Volume/Area]</td>
<td>[Date/Time Sampled]</td>
</tr>
</tbody>
</table>

**Client Sample #**  
**Total # of Samples:**

**Refrainished (Client):** [Signature]  
**Date:** 2/14/2017  
**Time:** 5:30 PM

**Received (Lab):** [Signature]  
**Date:** 2/17/17  
**Time:** 7:20 PM

**Comments:** Am courier 2/17/17 7:20 PM
**LEAD (Pb) CHAIN OF CUSTODY**

**EMSL ORDER ID** (Lab Use Only):

![Order ID Image]

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

<table>
<thead>
<tr>
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<th>Location</th>
<th>Volume/Area</th>
<th>Date/Time Sampled</th>
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</thead>
<tbody>
<tr>
<td>FLMSA02</td>
<td>Field Blank</td>
<td>250 mL</td>
<td>12:30 2-24</td>
</tr>
<tr>
<td>FLMSA01</td>
<td>Boiler Room</td>
<td>250 mL</td>
<td>12:35</td>
</tr>
<tr>
<td>FLMSA04</td>
<td>Hall by Boiler Room</td>
<td>250 mL</td>
<td>12:38</td>
</tr>
<tr>
<td>FLMSA02</td>
<td>Room 119 Kitchen</td>
<td>250 mL</td>
<td>12:40</td>
</tr>
<tr>
<td>FLMSA03</td>
<td>Room 119 Kitchen</td>
<td>250 mL</td>
<td>12:42</td>
</tr>
<tr>
<td>FLMSA04</td>
<td>Room 119 Kitchen</td>
<td>250 mL</td>
<td>12:45</td>
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<tr>
<td>FLMSA03</td>
<td>Hall across Rm 121</td>
<td>250 mL</td>
<td>12:47</td>
</tr>
<tr>
<td>FLMSA04</td>
<td>Hall across Rm 121</td>
<td>250 mL</td>
<td>12:48</td>
</tr>
<tr>
<td>FLMSA05</td>
<td>Science prep Room by 121</td>
<td>250 mL</td>
<td>12:50</td>
</tr>
<tr>
<td>FLMSB01</td>
<td>Library</td>
<td>250 mL</td>
<td>1:00</td>
</tr>
<tr>
<td>FLMSB01</td>
<td>Hall by Library</td>
<td>250 mL</td>
<td>1:03</td>
</tr>
<tr>
<td>FLMSB02</td>
<td>Rm 811</td>
<td>250 mL</td>
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<tr>
<td>FLMSB02</td>
<td>Hall across Rm 817</td>
<td>250 mL</td>
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<tr>
<td>FLMSB03</td>
<td>Hall across Rm 817</td>
<td>250 mL</td>
<td>1:11</td>
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<tr>
<td>FLMSA02</td>
<td>Main Office</td>
<td>250 mL</td>
<td>1:15</td>
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<tr>
<td>FLMSA04</td>
<td>Boys Locker Room</td>
<td>250 mL</td>
<td>1:17</td>
</tr>
<tr>
<td>FLMSA05</td>
<td>Gym by Boys</td>
<td>250 mL</td>
<td>1:20</td>
</tr>
<tr>
<td>FLMSA06</td>
<td>Gym by Girls</td>
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Comments/Special Instructions:

![Comment Image]
<table>
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<th>Location</th>
<th>Volume/Area</th>
<th>Date/Time Sampled</th>
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<tbody>
<tr>
<td>ELM3A007</td>
<td>Cyo Cyl</td>
<td>250mL</td>
<td>2/7/19</td>
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<tr>
<td>ELM3A008</td>
<td>Cyl Locker Room</td>
<td>250mL</td>
<td>1/19</td>
</tr>
<tr>
<td>ELM3A009</td>
<td>Faculty Room</td>
<td>250mL</td>
<td>1/30</td>
</tr>
<tr>
<td>ELM3A010</td>
<td>Hall by Cafeteria</td>
<td>250mL</td>
<td>1/33</td>
</tr>
<tr>
<td>ELM3A011</td>
<td>Hall by Cafeteria</td>
<td>250mL</td>
<td>1/35</td>
</tr>
<tr>
<td>ELM3A012</td>
<td>Caf 107</td>
<td>250mL</td>
<td>1/40</td>
</tr>
<tr>
<td>ELM3A013</td>
<td>Kitchen</td>
<td>250mL</td>
<td>1/45</td>
</tr>
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<td>ELM3A014</td>
<td>Kitchen BlkWall</td>
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<td>ELM3A015</td>
<td>Kitchen BlkWall</td>
<td>250mL</td>
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<td>ELM3A016</td>
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<td>ELM3A017</td>
<td>Kitchen Prep</td>
<td>250mL</td>
<td>1/55</td>
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<td>ELM3A018</td>
<td>Caf 105</td>
<td>250mL</td>
<td>1/57</td>
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<td>ELM3A019</td>
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<td>250mL</td>
<td>2/01</td>
</tr>
<tr>
<td>ELM3A020</td>
<td>Room 103</td>
<td>250mL</td>
<td>2/01</td>
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</table>

* comments/special instructions: 

* sample not received 

Rec 2/7/19
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: (856) 786-5974

Does new lab hold equivalent or additional accreditation? *
Yes

EMSL Customer ID #
(If known):

Client Name: ER & M

Client Project: FAIRLAWN

Tests to be Performed: LEAD IN WATER

Date Received: 02/27/2017

Date Relinquished: 02/27/2017

Date Due: 1 WEEK

Special Instructions:
(e.g. Work Order #, required qualifications, project specific procedures/modifications)

Relinquished by (Signature):

Received by (Signature):

Date: 02-27-17

Date: 02-27-17

Customer Agreement- 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.

Note: If customer has been notified and approved this transfer verbally or by e-mail, the receiving lab must sign for the customer above. EMSL employee filling out form on behalf of customer shall print name of person to whom they spoke, date agreement was received, and then sign under Signature.

Controlled Document
Confidential Business Information/Property of EMSL Analytical Inc.
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.

Michele M. Potter
Interim Manager
Willie Morales  
Environmental Remediation & Management  
20-10 Maple Ave  
Building 35E  
Fair Lawn, NJ 07410  
Phone: (973) 949-3525  
Fax: (973) 949-3526

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

**Fair Lawn Memorial**

The reference number for these samples is EMSL Order #011701537. 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:

[Signature]

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 66-00367, 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.
## Analytical Results

<table>
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### Analytical Results

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<table>
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## Analytical Results

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<th>Parameter</th>
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<th>RL Units</th>
<th>Prep Date</th>
<th>Analyst</th>
<th>Analysis Date</th>
<th>Analyst</th>
</tr>
</thead>
<tbody>
<tr>
<td>200.8</td>
<td>Lead</td>
<td>ND</td>
<td>1.00 µg/L</td>
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<td>AE</td>
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<td>EG</td>
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<tr>
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<td>Lead</td>
<td>6.39</td>
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<td>3/1/2017</td>
<td>AE</td>
<td>3/2/2017</td>
<td>EG</td>
</tr>
<tr>
<td>200.8</td>
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<td>ND</td>
<td>1.00 µg/L</td>
<td>3/1/2017</td>
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### Analytical Results

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## Analytical Results

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