



August 6, 2020

Mr. Harry Rutter  
Director of Facilities  
Audubon School District  
350 Edgewood Avenue  
Audubon, NJ 08106

**RE: Lead in Water Sampling – Replacement Locations  
Audubon High School/Middle School  
Epic Project Number: 20-2119**

Dear Mr. Rutter:

Epic Environmental Services, LLC collected ten lead in water samples plus one field blank from the Audubon High School/Middle School on July 10, 2020. The purpose of the sampling was to assess the lead content from seven potable water outlets that were recently replaced. The replaced outlets were all filtered water-cooling outlets with attached bottle filling stations.

The District verified that no water was used in the building for at least eight hours prior to the sampling event. “First Draw” samples were collected from each outlet and analyzed by EPA Method 200.8 for total lead. A result of 15.5 µg/L or greater requires that the outlet be taken out of service and that changes be made to the outlet to assure lead concentrations do not exceed 15.5 µg/L.

Analytical results are found below:

<u>Sample Location</u>	<u>Lead Concentration</u>	
Bottle Filler by A-5, Location (H01-A)	< 1.00 µg/L	Outlet OK – No Lead Detected
Water Cooler by A-5, Location (H01-B)	< 1.00 µg/L	Outlet OK – No Lead Detected
Bottle Filler by A-14, Location (H02-A)	< 1.00 µg/L	Outlet OK – No Lead Detected
Water Cooler by A-14, Location (H02-B)	< 1.00 µg/L	Outlet OK – No Lead Detected
Bottle Filler by A-111, Location (H03-A)	< 1.00 µg/L	Outlet OK – No Lead Detected
Water Cooler by A-111, Location (H03-B)	< 1.00 µg/L	Outlet OK – No Lead Detected
Bottle Filler by Gym, Location (H04-A)	< 1.00 µg/L	Outlet OK – No Lead Detected
Water Cooler by Gym, Location (H04-B)	< 1.00 µg/L	Outlet OK – No Lead Detected
Bottle Filler by D-5, Location (H05-A)	< 1.00 µg/L	Outlet OK – No Lead Detected
Water Cooler by D-5, Location (H05-B)	< 1.00 µg/L	Outlet OK – No Lead Detected

All analytical documentation is attached.

Please do not hesitate to contact me at 856-205-1077 should you have any questions.

The invoice for the completed project is attached.

Regards,

James Eberts  
President



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

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

Attn: **James Eberts**  
**Epic Environmental Services, LLC**  
**1930 Brown Road**  
**Newfield, NJ 08344**  
Phone: (856) 205-1077  
Fax: (856) 205-0413

7/28/2020

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 7/14/2020. The results are tabulated on the attached data pages for the following client designated project:

**Audubon BOE- High School/ Middle School**

The reference number for these samples is EMSL Order #012007243. 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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012007243

CustomerID: EPIC62

CustomerPO: 20-2119

ProjectID:

Attn: **James Eberts**  
**Epic Environmental Services, LLC**  
**1930 Brown Road**  
**Newfield, NJ 08344**

Phone: (856) 205-1077  
 Fax: (856) 205-0413  
 Received: 07/14/20 2:06 PM

Project: Audubon BOE- High School/ Middle School

**Analytical Results**

<i>Client Sample Description</i>		<i>Collected:</i>	<i>7/10/2020</i>	<i>Lab ID:</i>	<i>012007243-0001</i>	
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>	<i>Analysis Date &amp; Analyst</i>	
H01-A Bottle filler by A-5						
200.8	Lead	ND	1.00 µg/L	7/21/2020 KB	07/21/20 18:39 KB	
<i>Client Sample Description</i>		<i>Collected:</i>	<i>7/10/2020</i>	<i>Lab ID:</i>	<i>012007243-0002</i>	
H01-B Water cooler by A-5						
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>	<i>Analysis Date &amp; Analyst</i>	
METALS						
200.8	Lead	ND	1.00 µg/L	7/21/2020 KB	07/21/20 18:44 KB	
<i>Client Sample Description</i>		<i>Collected:</i>	<i>7/10/2020</i>	<i>Lab ID:</i>	<i>012007243-0003</i>	
H02-A Bottle filler by A-14						
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>	<i>Analysis Date &amp; Analyst</i>	
METALS						
200.8	Lead	ND	1.00 µg/L	7/21/2020 KB	07/21/20 18:45 KB	
<i>Client Sample Description</i>		<i>Collected:</i>	<i>7/10/2020</i>	<i>Lab ID:</i>	<i>012007243-0004</i>	
H02-B Water cooler by A-14						
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>	<i>Analysis Date &amp; Analyst</i>	
METALS						
200.8	Lead	ND	1.00 µg/L	7/21/2020 KB	07/21/20 18:47 KB	
<i>Client Sample Description</i>		<i>Collected:</i>	<i>7/10/2020</i>	<i>Lab ID:</i>	<i>012007243-0005</i>	
H03-A Bottle filler by A111						
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>	<i>Analysis Date &amp; Analyst</i>	
METALS						
200.8	Lead	ND	1.00 µg/L	7/21/2020 KB	07/21/20 18:48 KB	



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EMSL Order: 012007243

CustomerID: EPIC62

CustomerPO: 20-2119

ProjectID:

Attn: **James Eberts**  
**Epic Environmental Services, LLC**  
**1930 Brown Road**  
**Newfield, NJ 08344**

Phone: (856) 205-1077

Fax: (856) 205-0413

Received: 07/14/20 2:06 PM

Project: Audubon BOE- High School/ Middle School

**Analytical Results**

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
H03-B W cooler by A111		7/10/2020	012007243-0006		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>	<i>Analysis Date &amp; Analyst</i>
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	7/21/2020 KB	07/21/20 18:53 KB
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
H04-A Bottle filler by gym		7/10/2020	012007243-0007		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>	<i>Analysis Date &amp; Analyst</i>
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	7/21/2020 KB	07/21/20 18:54 KB
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
H04-B Water cooler by gym		7/10/2020	012007243-0008		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>	<i>Analysis Date &amp; Analyst</i>
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	7/21/2020 KB	07/21/20 18:56 KB
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
H05-A Bottle filler by D-5		7/10/2020	012007243-0009		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>	<i>Analysis Date &amp; Analyst</i>
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	7/21/2020 KB	07/21/20 18:57 KB
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
H05-B Water cooler by D-5		7/10/2020	012007243-0010		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>	<i>Analysis Date &amp; Analyst</i>
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	7/21/2020 KB	07/21/20 18:59 KB

**EMSL Analytical, Inc.**

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 Phone/Fax: (856) 303-2500 / (856) 858-4571  
<http://www.EMSL.com> [EnvChemistry2@emsl.com](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012007243  
 CustomerID: EPIC62  
 CustomerPO: 20-2119  
 ProjectID:

Attn: **James Eberts**  
**Epic Environmental Services, LLC**  
**1930 Brown Road**  
**Newfield, NJ 08344**

Phone: (856) 205-1077  
 Fax: (856) 205-0413  
 Received: 07/14/20 2:06 PM

Project: Audubon BOE- High School/ Middle School

**Analytical Results**

*Client Sample Description* HFB *Collected:* 7/10/2020 *Lab ID:* 012007243-0011  
 Field Blank

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>	<i>Analysis Date &amp; Analyst</i>
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	7/21/2020 KB	07/21/20 19:00 KB

**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

EMSL Analytical, Inc.  
 200 Route 130 North  
 Cinnaminson, NJ 08077  
 PHONE: 1-800-220-3675  
 FAX: (856) 786-5974

**Environmental Chemistry  
 Chain of Custody**  
 EMSL Order Number (Lab Use Only):

012007243



Report To Contact Name: James Eberts		Bill To Company: Epic Environmental Services, LLC									
Company Name: Epic Environmental Services, LLC		Attention To: James Eberts									
Street: 1930 Brown Road		Street: 1930 Brown Road									
City: Newfield	State/Province: NJ	City: Newfield	State/Province: NJ								
Zip/Postal Code: 08344	Zip/Postal Code: 08344	Phone: 856-205-1077	Fax: 856-205-1077								
Project Name: Audubon BOE - High School/Middle School		Purchase Order: 20-2119									
U.S. State where Samples Collected: NJ		Date of Shipment: 7/14/20									
Number of Samples in Shipment: 11		Date of Shipment: 7/14/20									
Sample for Compliance? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, NPDES? <input type="checkbox"/> Other (Specify):											
Samples Collected by: EMSL <input type="checkbox"/> Client <input checked="" type="checkbox"/> check one		Sampled By (Signature): James Eberts									
Standard Turnaround Time: <input checked="" type="checkbox"/> 2 Weeks		The following TATs are subject to lab approval: <input type="checkbox"/> 1 Week <input type="checkbox"/> 4 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> 1 Day									
Failure to complete will hinder processing of samples											
Client Sample ID	Comp	Grab	Collect Date/Time	Matrix	Preservative	EP 200.8	Field pH	Field Temp	Field Deg C	Field Temp	Comments
H01-A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7/14/20 0704	W	2	X					Bottle Filler by A-5
H01-B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0704	W	2	X					water cooler by A-5
H02-A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0705	W	2	X					Bottle Filler by A-14
H02-B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0705	W	2	X					water cooler by A-14
H03-A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0708	W	2	X					Bottle Filler by A111
Released By (Signature): James Eberts		Date & Time: 7/14/20		Received By: Amanda		Date & Time: 7/14/20 13:30					
Please indicate reporting requirements: <input checked="" type="checkbox"/> Results Only <input type="checkbox"/> Results and QC <input type="checkbox"/> Reduced Deliverables <input type="checkbox"/> Disk Deliverable <input type="checkbox"/> Other											
Instructions or Comments: Note: Field pH and Field Temperature are tested on the same day as the date of sample collection.											
Analyze FIRST DRAW Samples. Analyze FLUSH samples if corresponding First Draw result is above 15.5 ppb											

(Lab) Received Temperature: \_\_\_\_\_ °C





EMSL ANALYTICAL, INC.  
LABORATORY PRODUCTS TRAINING  
EMSL ANALYTICAL, INC.  
LABORATORY PRODUCTS TRAINING

Audubon BOE - High School/ Middle School

Environmental Chemistry  
Chain of Custody

EMSL Order Number (Lab Use Only):

01200 7243

PHONE:  
FAX:

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

Client Sample ID	Failure to complete will hinder processing of samples		Collect Date/Time	Matrix	Preservative	List Test(s) Needed					Comments	
	Comp	Grab				W=Water S=Soil A=Air SL=Sludge O= Other	1=HCL 2=HNO3 3=H2SO4 4=ICE 5=Other	EPA 200. 8	Field pH	Field pH		Field Temp Deg C
H 03-B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7/10/20 0708	W	2	X						Bottle Filler by A111
H 04-A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0710	W	2	X						Bottle Filler by A111
H 04-B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0710	W	2	X						Water Cooler by G-20
H 05-A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0712	W	2	X						Bottle Filler by D-5
H 05-B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0712	W	2	X						Water cooler by D-5
H FB	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0703	W	2	X						Field Blank
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	End	W	2							
	<input type="checkbox"/>	<input checked="" type="checkbox"/>		W	2							
	<input type="checkbox"/>	<input checked="" type="checkbox"/>		W	2							
	<input type="checkbox"/>	<input checked="" type="checkbox"/>		W	2							
	<input type="checkbox"/>	<input checked="" type="checkbox"/>		W	2							
	<input type="checkbox"/>	<input checked="" type="checkbox"/>		W	2							
	<input type="checkbox"/>	<input checked="" type="checkbox"/>		W	2							
	<input type="checkbox"/>	<input checked="" type="checkbox"/>		W	2							
	<input type="checkbox"/>	<input checked="" type="checkbox"/>		W	2							
	<input type="checkbox"/>	<input checked="" type="checkbox"/>		W	2							
	<input type="checkbox"/>	<input checked="" type="checkbox"/>		W	2							

(Lab) Received Temperature: \_\_\_\_\_ °C