

**First  
Environmental  
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

August 29, 2018

Mr. George Lambesis  
**PIPER ELEMENTARY SCHOOL**  
2435 Kenilworth Ave  
Berwyn, IL 60402

Project ID: Piper Elementary School  
First Environmental File ID: 18-4934  
Date Received: August 24, 2018

Dear Mr. George Lambesis:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 004324: effective 02/27/2018 through 02/28/2019.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Neal Cleghorn  
Project Manager



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**Case Narrative**

**PIPER ELEMENTARY SCHOOL**

Lab File ID: **18-4934**

Project ID: **Piper Elementary School**

Date Received: **August 24, 2018**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The results in this report apply to the samples in the following table:

Laboratory Sample ID	Sample Identifier	Location Description	Type	Date/Time Collected
18-4934-001	1st fl fill station	lft of boys bathroom 1st fl	FDRW	08/24/18 6:56
18-4934-002	1st fl fill station	lft of boys bathroom 1st fl	FLSH	08/24/18 6:57
18-4934-003	101 fountain	just outside of rm 101	FDRW	08/24/18 6:59
18-4934-004	101 fountain	just outside of rm 101	FLSH	08/24/18 7:00
18-4934-005	2nd fl fill station	lft of 2nd fl boys bathroom	FDRW	08/24/18 7:03
18-4934-006	2nd fl fill station	lft of 2nd fl boys bathroom	FLSH	08/24/18 7:04
18-4934-007	gym fountain	s wall by doors	FDRW	08/24/18 7:06
18-4934-008	gym fountain	s wall by doors	FLSH	08/24/18 7:07
18-4934-009	Music room fountain	n wall of red house	FDRW	08/24/18 7:10
18-4934-010	Music room fountain	n wall of red house	FLSH	08/24/18 7:11

**Sample Batch Comments:**

Sample acceptance criteria were met.

**Method Comments**

Lab Number	Sample ID	Comments:
18-4934-003	101 fountain	<i>Total Metals</i> Result was confirmed by re-analysis.
18-4934-004	101 fountain	<i>Total Metals</i> Result was confirmed by re-analysis.
18-4934-007	gym fountain	<i>Total Metals</i> Result was confirmed by re-analysis.
18-4934-008	gym fountain	<i>Total Metals</i> Result was confirmed by re-analysis.
18-4934-009	Music room fountain	<i>Total Metals</i> Result was confirmed by re-analysis.
18-4934-010	Music room fountain	<i>Total Metals</i> Result was confirmed by re-analysis.



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**Case Narrative**

**PIPER ELEMENTARY SCHOOL**

Lab File ID: **18-4934**

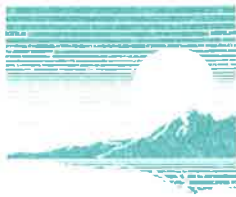
Project ID: **Piper Elementary School**

Date Received: **August 24, 2018**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The following is a definition of flags that may be used in this report:

<b>Flag</b>	<b>Description</b>	<b>Flag</b>	<b>Description</b>
A	Method holding time is 15 minutes from collection. Lab analysis was performed as soon as possible.		
B	Analyte was found in the method blank.	L	LCS recovery outside control limits.
<	Analyte not detected at or above the reporting limit.	M	MS recovery outside control limits; LCS acceptable.
C	Sample received in an improper container for this test.	P	Chemical preservation pH adjusted in lab.
D	Surrogates diluted out; recovery not available.	Q	Result was determined by a GC/MS database search.
E	Estimated result; concentration exceeds calibration range.	S	Analysis was subcontracted to another laboratory.
G	Surrogate recovery outside control limits.	T	Result is less than three times the MDL value.
H	Analysis or extraction holding time exceeded.	W	Reporting limit elevated due to sample matrix.
J	Estimated result; concentration is less than routine RL but greater than MDL.	N	Analyte is not part of our NELAC accreditation or accreditation may not be available for this parameter.
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.



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**Analytical Report**

**Client:** PIPER ELEMENTARY SCHOOL  
**Project ID:** Piper Elementary School

**Date Received:** 08/24/18  
**Date Reported:** 08/29/18

Lab No:	Sample ID:	Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>		<b>Method: 200.8R5.4</b>	<b>Preparation Method DW</b>			
18-4934-001	1st fl fill station	Date Collected: 08/24/18	Time Collected: 6:56			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		<b>Lead</b>	<b>&lt;2.00</b>	2.00	<b>ug/L</b>	
18-4934-002	1st fl fill station	Date Collected: 08/24/18	Time Collected: 6:57			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		<b>Lead</b>	<b>&lt;2.00</b>	2.00	<b>ug/L</b>	
18-4934-003	101 fountain	Date Collected: 08/24/18	Time Collected: 6:59			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		<b>Lead</b>	<b>2.58</b>	2.00	<b>ug/L</b>	
18-4934-004	101 fountain	Date Collected: 08/24/18	Time Collected: 7:00			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		<b>Lead</b>	<b>3.72</b>	2.00	<b>ug/L</b>	
18-4934-005	2nd fl fill station	Date Collected: 08/24/18	Time Collected: 7:03			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		<b>Lead</b>	<b>&lt;2.00</b>	2.00	<b>ug/L</b>	
18-4934-006	2nd fl fill station	Date Collected: 08/24/18	Time Collected: 7:04			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		<b>Lead</b>	<b>&lt;2.00</b>	2.00	<b>ug/L</b>	
18-4934-007	gym fountain	Date Collected: 08/24/18	Time Collected: 7:06			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		<b>Lead</b>	<b>5.20</b>	2.00	<b>ug/L</b>	
18-4934-008	gym fountain	Date Collected: 08/24/18	Time Collected: 7:07			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		<b>Lead</b>	<b>5.45</b>	2.00	<b>ug/L</b>	
18-4934-009	Music room fountain	Date Collected: 08/24/18	Time Collected: 7:10			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		<b>Lead</b>	<b>8.53</b>	2.00	<b>ug/L</b>	
18-4934-010	Music room fountain	Date Collected: 08/24/18	Time Collected: 7:11			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		<b>Lead</b>	<b>10.2</b>	2.00	<b>ug/L</b>	



Complete the header information on this worksheet for each school building or separate ISBE ID. Replicate this sheet if necessary for additional buildings or ISBE ID numbers. Enter individual sample information on the worksheet labeled "Page 2".

Please complete all of the fields below that have been shaded in yellow. Complete the lilac shaded cells if the data report should go to someone other than the school contact.

School/Facility Information	
School/District Name:	Piper Elementary School
Address:	2435 Kenilworth Ave.
City/State/Zip:	Berwyn Il 60402
School Contact:	George Lambesis
School Contact Phone:	(708) 303-4809
School Contact email:	glambesis@bsd100.org
ISBE ID:	06-016-1000-02
Building ID:	0001
Building Description:	Elementary School

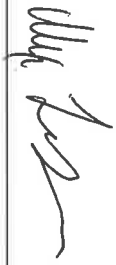
Client/Report Information	
If these samples were collected by an outside consultant for the school, please complete the following fields:	
Report to (Company Name):	South Berwyn School District 100
Report to (Name):	George Lambesis
Report to (e-mail):	glambesis@bsd100.org
Report to (phone):	(708) 303-4809

Sampling Information	
Sampled by:	Alex Legare
Sampler Initials:	AL
Date Building Last Used:	8/23/18
Time Building Last Used:	10:30pm

Sample details are provided on the following sheets.

Comments:

\_\_\_\_\_

Relinquished By: 

Date/Time: 4/27/18 1150

Received By: \_\_\_\_\_



Date/Time: 6/24/18 1150

Chain of Custody Record for Lead Analysis

Date Collected	Time Collected	Bottle No.	Field Sample ID	Sample Location Description	Fixture Type	Sample Type	Sample Volume	Analysis	Lab Sample ID
8/24/2018	6:56	1	1st fl fill station	Ht of boys bathroom 1st fl	fountain	first draw	250 mL	Lead 200.8	18-4954-002
8/24/2018	6:57	2	1st fl fill station	Ht of boys bathroom 1st fl	fountain	flush	250 mL	Lead 200.8	002
8/24/2018	6:59	3	101 fountain	just outside of rm 101	fountain	first draw	250 mL	Lead 200.8	003
8/24/2018	7:00	4	101 fountain	just outside of rm 101	fountain	flush	250 mL	Lead 200.8	004
8/24/2018	7:03	5	2nd fl fill station	Ht of 2nd fl boys bathroom	fountain	first draw	250 mL	Lead 200.8	005
8/24/2018	7:04	6	2nd fl fill station	Ht of 2nd fl boys bathroom	fountain	flush	250 mL	Lead 200.8	006
8/24/2018	7:06	7	gym fountain	s wall by doors	fountain	first draw	250 mL	Lead 200.8	007
8/24/2018	7:07	8	gym fountain	s wall by doors	fountain	flush	250 mL	Lead 200.8	008
8/24/2018	7:10	9	Music room fountain	n wall of red house	fountain	first draw	250 mL	Lead 200.8	009
8/24/2018	7:11	10	Music room fountain	n wall of red house	fountain	flush	250 mL	Lead 200.8	010
		11					250 mL	Lead 200.8	
		12					250 mL	Lead 200.8	
		13					250 mL	Lead 200.8	
		14					250 mL	Lead 200.8	
		15					250 mL	Lead 200.8	
		16					250 mL	Lead 200.8	
		17					250 mL	Lead 200.8	
		18					250 mL	Lead 200.8	
		19					250 mL	Lead 200.8	
		20					250 mL	Lead 200.8	
		21					250 mL	Lead 200.8	
		22					250 mL	Lead 200.8	
		23					250 mL	Lead 200.8	
		24					250 mL	Lead 200.8	
		25					250 mL	Lead 200.8	