

**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

PERSHING ELEMENTARY SCHOOL

6537 37th Street

Berwyn, IL 60402

Project ID: Pershing Elementary School

First Environmental File ID: 18-4930

Date Received: August 24, 2018

Dear Mr. George Lambesis:

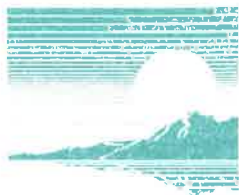
The above referenced project was analyzed as directed on the enclosed chain of custody record.

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



First Environmental Laboratories, Inc.

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

Case Narrative

PERSHING ELEMENTARY SCHOOL

Lab File ID: **18-4930**

Project ID: **Pershing 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
18-4930-001	1st fl boys br fountain	Left fixture	FDRW	08/23/18 6:48
18-4930-002	1st fl boys br fountain	Left fixture	FLSH	08/23/18 6:49
18-4930-003	1st fl boys br fountain	right fixture	FDRW	08/23/18 6:50
18-4930-004	1st fl boys br fountain	right fixture	FLSH	08/23/18 6:51
18-4930-005	Gym fountain	middle of gym by pe off.	FDRW	08/23/18 6:56
18-4930-006	Gym fountain	middle of gym by pe off.	FLSH	08/23/18 6:58
18-4930-007	1st fl girls br fountain	right fixture	FDRW	08/23/18 6:59
18-4930-008	1st fl girls br fountain	right fixture	FLSH	08/23/18 7:00
18-4930-009	1st fl girls br fountain	Left fixture	FDRW	08/23/18 6:59
18-4930-010	1st fl girls br fountain	Left fixture	FLSH	08/23/18 7:00
18-4930-011	Basement fountain	w wall by stairs	FDRW	08/23/18 7:03
18-4930-012	Basement fountain	w wall by stairs	FLSH	08/23/18 7:04
18-4930-013	Hydration station	N wall by 1st fl boys bath	FDRW	08/23/18 6:53
18-4930-014	Hydration station	N wall by 1st fl boys bath	FLSH	08/23/18 6:54
18-4930-015	2nd fl girls br fountain	right fixture	FDRW	08/23/18 7:06
18-4930-016	2nd fl girls br fountain	right fixture	FLSH	08/23/18 7:07
18-4930-017	2nd fl girls br fountain	Left fixture	FDRW	08/23/18 7:09
18-4930-018	2nd fl girls br fountain	Left fixture	FLSH	08/23/18 7:10
18-4930-019	2nd fl boys br fountain	right fixture	FDRW	08/23/18 7:12
18-4930-020	2nd fl boys br fountain	right fixture	FLSH	08/23/18 7:13
18-4930-021	2nd fl boys br fountain	Left fixture	FDRW	08/23/18 7:13
18-4930-022	2nd fl boys br fountain	Left fixture	FLSH	08/23/18 7:14

Sample Batch Comments:

Sample acceptance criteria were met.



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Case Narrative

PERSHING ELEMENTARY SCHOOL

Lab File ID: **18-4930**

Project ID: **Pershing Elementary School**

Date Received: **August 24, 2018**

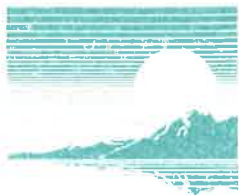
All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

Method Comments

Lab Number	Sample ID	Comments:
18-4930-005	Gym fountain	<i>Total Metals</i> Result was confirmed by re-analysis.
18-4930-006	Gym fountain	<i>Total Metals</i> Result was confirmed by re-analysis.
18-4930-011	Basement fountain	<i>Total Metals</i> Result was confirmed by re-analysis.
18-4930-021	2nd fl boys br fountain	<i>Total Metals</i> Result was confirmed by re-analysis.

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

Flag	Description	Flag	Description
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: PERSHING ELEMENTARY SCHOOL

Date Received: 08/24/18

Project ID: Pershing Elementary School

Date Reported: 08/29/18

Lab No:	Sample ID:	Analyte	Result	R.L.	Units	Flags
Total Metals		Method: 200.8R5.4	Preparation Method DW			
18-4930-001	1st fl boys br fountain	Date Collected: 08/23/18	Time Collected: 6:48			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
	Lead		<2.00	2.00	ug/L	
18-4930-002	1st fl boys br fountain	Date Collected: 08/23/18	Time Collected: 6:49			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
	Lead		<2.00	2.00	ug/L	
18-4930-003	1st fl boys br fountain	Date Collected: 08/23/18	Time Collected: 6:50			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
	Lead		<2.00	2.00	ug/L	
18-4930-004	1st fl boys br fountain	Date Collected: 08/23/18	Time Collected: 6:51			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
	Lead		<2.00	2.00	ug/L	
18-4930-005	Gym fountain	Date Collected: 08/23/18	Time Collected: 6:56			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
	Lead		6.54	2.00	ug/L	
18-4930-006	Gym fountain	Date Collected: 08/23/18	Time Collected: 6:58			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
	Lead		17.7	2.00	ug/L	
18-4930-007	1st fl girls br fountain	Date Collected: 08/23/18	Time Collected: 6:59			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
	Lead		<2.00	2.00	ug/L	
18-4930-008	1st fl girls br fountain	Date Collected: 08/23/18	Time Collected: 7:00			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
	Lead		<2.00	2.00	ug/L	
18-4930-009	1st fl girls br fountain	Date Collected: 08/23/18	Time Collected: 6:59			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
	Lead		<2.00	2.00	ug/L	
18-4930-010	1st fl girls br fountain	Date Collected: 08/23/18	Time Collected: 7:00			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
	Lead		<2.00	2.00	ug/L	



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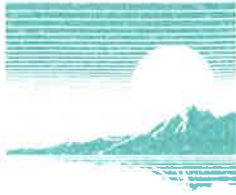
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Analytical Report

Client: PERSHING ELEMENTARY SCHOOL
Project ID: Pershing Elementary School

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

Lab No:	Sample ID:	Analyte	Result	R.L.	Units	Flags
18-4930-011	Basement fountain		Date Collected: 08/23/18	Time Collected: 7:03		
Analysis Date:	08/28/18			Preparation Date: 08/27/18		
		Lead	7.08	2.00	ug/L	
18-4930-012	Basement fountain		Date Collected: 08/23/18	Time Collected: 7:04		
Analysis Date:	08/28/18			Preparation Date: 08/27/18		
		Lead	<2.00	2.00	ug/L	
18-4930-013	Hydration station		Date Collected: 08/23/18	Time Collected: 6:53		
Analysis Date:	08/28/18			Preparation Date: 08/27/18		
		Lead	<2.00	2.00	ug/L	
18-4930-014	Hydration station		Date Collected: 08/23/18	Time Collected: 6:54		
Analysis Date:	08/28/18			Preparation Date: 08/27/18		
		Lead	<2.00	2.00	ug/L	
18-4930-015	2nd fl girls br fountain		Date Collected: 08/23/18	Time Collected: 7:06		
Analysis Date:	08/28/18			Preparation Date: 08/27/18		
		Lead	<2.00	2.00	ug/L	
18-4930-016	2nd fl girls br fountain		Date Collected: 08/23/18	Time Collected: 7:07		
Analysis Date:	08/28/18			Preparation Date: 08/27/18		
		Lead	<2.00	2.00	ug/L	
18-4930-017	2nd fl girls br fountain		Date Collected: 08/23/18	Time Collected: 7:09		
Analysis Date:	08/28/18			Preparation Date: 08/27/18		
		Lead	<2.00	2.00	ug/L	
18-4930-018	2nd fl girls br fountain		Date Collected: 08/23/18	Time Collected: 7:10		
Analysis Date:	08/28/18			Preparation Date: 08/27/18		
		Lead	<2.00	2.00	ug/L	
18-4930-019	2nd fl boys br fountain		Date Collected: 08/23/18	Time Collected: 7:12		
Analysis Date:	08/28/18			Preparation Date: 08/27/18		
		Lead	<2.00	2.00	ug/L	
18-4930-020	2nd fl boys br fountain		Date Collected: 08/23/18	Time Collected: 7:13		
Analysis Date:	08/28/18			Preparation Date: 08/27/18		
		Lead	<2.00	2.00	ug/L	



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Analytical Report

Client: PERSHING ELEMENTARY SCHOOL
Project ID: Pershing Elementary School

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

Lab No:	Sample ID:	Analyte	Result	R.L.	Units	Flags
18-4930-021	2nd fl boys br fountain		Date Collected: 08/23/18	Time Collected: 7:13		
Analysis Date:	08/28/18			Preparation Date: 08/27/18		
		Lead	2.79	2.00	ug/L	
18-4930-022	2nd fl boys br fountain		Date Collected: 08/23/18	Time Collected: 7:14		
Analysis Date:	08/28/18			Preparation Date: 08/27/18		
		Lead	<2.00	2.00	ug/L	



Chain of Custody Record for Lead Analysis School/Location Information Header

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:	Pershing Elementary School
Address:	6537 37th St.
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

Sample details are provided on the following sheets.

Comments:

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) 548-5154

Sampling Information	
Sampled by:	Alex Legare
Sampler Initials:	AL
Date Building Last Used:	8/22/18
Time Building Last Used:	10:30pm

Relinquished By: _____

Date/Time: _____

Received By: _____

[Handwritten Signature]

Date/Time: _____

9/23/18 1335

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
8/23/2018	6:48am	1	1st fl boys br fountain	Left fixture	fountain	First Draw	250 mL	Lead 200.8	16-9930-001
8/23/2018	6:49am	2	1st fl boys br fountain	Left fixture	fountain	Flush	250 mL	Lead 200.8	002
8/23/2018	6:50am	3	1st fl boys br fountain	right fixture	fountain	First Draw	250 mL	Lead 200.8	003
8/23/2018	6:51am	4	1st fl boys br fountain	right fixture	fountain	Flush	250 mL	Lead 200.8	004
8/23/2018	6:56am	5	Gym fountain	middle of gym by pe off.	fountain	First Draw	250 mL	Lead 200.8	005
8/23/2018	6:58am	6	Gym fountain	middle of gym by pe off.	fountain	Flush	250 mL	Lead 200.8	006
8/23/2018	6:59am	7	1st fl girls br fountain	right fixture	fountain	First Draw	250 mL	Lead 200.8	007
8/23/2018	7:00am	8	1st fl girls br fountain	right fixture	fountain	Flush	250 mL	Lead 200.8	008
8/23/2018	6:59am	9	1st fl girls br fountain	Left fixture	fountain	First Draw	250 mL	Lead 200.8	009
8/23/2018	7:00am	10	1st fl girls br fountain	Left fixture	fountain	Flush	250 mL	Lead 200.8	010
8/23/2018	7:03am	11	Basement fountain	w wall by stairs	fountain	First Draw	250 mL	Lead 200.8	011
8/23/2018	7:04am	12	Basement fountain	w wall by stairs	fountain	Flush	250 mL	Lead 200.8	012
8/23/2018	6:53 AM	13	Hydration station	N wall by 1st fl boys bath	fountain	First Draw	250 mL	Lead 200.8	013
8/23/2018	6:54am	14	Hydration station	N wall by 1st fl boys bath	fountain	Flush	250 mL	Lead 200.8	014
8/23/2018	7:06 AM	15	2nd fl girls br fountain	right fixture	fountain	First Draw	250 mL	Lead 200.8	015
8/23/2018	7:07am	16	2nd fl girls br fountain	right fixture	fountain	Flush	250 mL	Lead 200.8	016
8/23/2018	7:09am	17	2nd fl girls br fountain	Left fixture	fountain	First Draw	250 mL	Lead 200.8	017
8/23/2018	7:10am	18	2nd fl girls br fountain	Left fixture	fountain	Flush	250 mL	Lead 200.8	018
8/23/2018	7:12am	19	2nd fl boys br fountain	right fixture	fountain	First Draw	250 mL	Lead 200.8	019
8/23/2018	7:13am	20	2nd fl boys br fountain	right fixture	fountain	Flush	250 mL	Lead 200.8	020
8/23/2018	7:13 AM	21	2nd fl boys br fountain	Left fixture	fountain	First Draw	250 mL	Lead 200.8	021
8/23/2018	7:14am	22	2nd fl boys br fountain	Left fixture	fountain	Flush	250 mL	Lead 200.8	022
		23					250 mL	Lead 200.8	
		24					250 mL	Lead 200.8	
		25					250 mL	Lead 200.8	



First Environmental Laboratories, Inc.

1600 Shore Road, Suite D
 Naperville, IL 60563
 Phone: (630)778-1200 * Fax (630)778-1233
 E-Mail: info@firstenv.com
 IEPA Accreditation #100292

CHAIN OF CUSTODY RECORD

Company Name:	Berwyn South School District 100		
Street Address:	3401 S. Gunderson Ave		
City:	Berwyn	State:	IL
Phone:	(708)303-4809	Fax:	
Send Report To:	George Lambesis		e-Mail:
Sampled By:	George Lambesis		GLambesis@bsd.100.org
		Via Fax:	<input type="checkbox"/>
		Via e-Mail:	<input checked="" type="checkbox"/>
		Zip:	60402

Project ID: Pershing
 P.O. #: _____

Date/Time Taken	Sample Description	Matrix	LEAD				Comments	Lab ID.
8/23/18 6:48	Per. Fountain	Water	X				Left Fountain	
6:49	Per. Fountain	Water	X				Left Fountain	
6:50	Per. Fountain	Water	X				Right Fountain	
6:51	Per. Fountain	Water	X				Right Fountain	
6:56	Per. Fountain	Water	X				Gym Fountain	
6:58	Per. Fountain	Water	X				Gym Fountain	
6:59	Per. Fountain	Water	X				1st FL Girls R	
7:00	Per. Fountain	Water	X				1st FL Girls R	
6:59	Per. Fountain	Water	X				1st FL Girls Left	
7:00	Per. Fountain	Water	X				1st FL Girls Left	
7:03	Per. Fountain	Water	X				1st FL Girls Left	
7:04	Per. Fountain	Water	X				1st FL Girls Left	

Enter analyses required on the lines to the left. Place an "X" in the box below to indicate which samples require what analysis.

FOR LAB USE ONLY: Cooler Temperature: 0-1-6°C Yes ___ No ___ N/A °C
 Received within 6 hrs of collection: ___ No ___ Yes ___
 Ice Present: Yes ___ No ___
 Sample Refrigerated: Yes ___ No ___ °C
 Refrigerator Temperature: ___ °C
 Containers Received Preserved: Yes ___ No ___
 5035 Vials Frozen: Yes ___ No ___ °C
 Freezer Temperature: ___ °C

Notes and Special Instructions:

Relinquished By: <u>[Signature]</u>	Date/Time: <u>8/23/18 1335</u>	Received By: <u>[Signature]</u>	Date/Time: <u>8/23/18 1335</u>
Relinquished By:	Date/Time:	Received By:	Date/Time:



First Environmental Laboratories, Inc.

1600 Shore Road, Suite D
 Naperville, IL 60563
 Phone: (630)778-1200 * Fax (630)778-1233
 E-Mail: info@firstenv.com
 IEPA Accreditation #100292

CHAIN OF CUSTODY RECORD

Company Name:	Bewyn South School District 100		
Street Address:	3401 S. Gunderson Ave		
City:	Bewyn	State:	IL
Zip:	60402	e-Mail:	G.lambesis@bsd100.org
Phone: (708)303-4809	Fax:	Via Fax:	<input type="checkbox"/>
Send Report To:	George Lambesis	Via e-Mail:	<input checked="" type="checkbox"/>
Sampled By:	George Lambesis		

Project ID: Pershing
 P.O. #:

Date/Time Taken	Sample Description	Matrix									Comments	Lab ID.
8/23/18 6:53	Per. HYD. STA.	Water	X									
6:54	Per. HYD. STA.	Water	X									
7:06	Per. 2nd Girls R	Water	X									
7:07	" " " "	Water	X									
7:09	" " " "	Water	X									
7:10	" " " "	Water	X									
7:12	" " BOYS R	Water	X									
7:13	" " " "	Water	X									
7:13	" " " "	Water	X									
7:14	" " " "	Water	X									

Enter analyses required on the lines to the left. Place an "X" in the box below to indicate which samples require what analysis.

FOR LAB USE ONLY: Cooler Temperature: 0-16°C Yes ___ No ___ °C Sample Refrigerated: Yes ___ No ___ °C Containers Received Preserved: Yes ___ No ___
 Received within 6 hrs of collection: ___ °C Refrigerator Temperature: ___ °C 5035 Vials Frozen: Yes ___ No ___ °C
 Ice Present: Yes ___ No ___ Freezer Temperature: ___ °C

Notes and Special Instructions:

Relinquished By: <u>Andy [Signature]</u>	Date/Time: <u>8/23/18 1335</u>	Received By: <u>[Signature]</u>	Date/Time: <u>8/23/18 1335</u>
Relinquished By:	Date/Time:	Received By:	Date/Time:

Rev 1/07