

**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
IRVING ELEMENTARY SCHOOL
3501 Clinton Ave
Berwyn, IL 60402

Project ID: Irving Elementary School
First Environmental File ID: 18-4929
Date Received: August 23, 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

IRVING ELEMENTARY SCHOOL

Lab File ID: **18-4929**

Project ID: **Irving Elementary School**

Date Received: **August 23, 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:

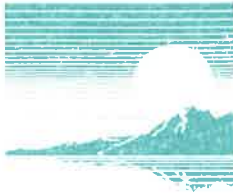
Laboratory Sample ID	Sample Identifier	Location Description	Type	Date/Time Collected
18-4929-001	101 left fountain	Hallway outside rm 101	FDRW	08/23/18 7:23
18-4929-002	101 left fountain	Hallway outside rm 101	FLSH	08/23/18 7:24
18-4929-003	101 right fountain	Hallway outside rm 101	FDRW	08/23/18 7:24
18-4929-004	101 right fountain	Hallway outside rm 101	FLSH	08/23/18 7:26
18-4929-005	1st fl ezH2O	Outside front office	FDRW	08/23/18 7:26
18-4929-006	1st fl ezH2O	Outside front office	FLSH	08/23/18 7:27
18-4929-007	183 fountain 1st fl	right fixture by boys br	FDRW	08/23/18 7:30
18-4929-008	183 fountain 1st fl	right fixture by boys br	FLSH	08/23/18 7:31
18-4929-009	162 fountain 1st fl	left fixture by boys br	FDRW	08/23/18 7:31
18-4929-010	162 fountain 1st fl	left fixture by boys br	FLSH	08/23/18 7:33
18-4929-011	282 fountain 2nd fl	right fixture by boys br	FDRW	08/23/18 7:34
18-4929-012	282 fountain 2nd fl	right fixture by boys br	FLSH	08/23/18 7:35
18-4929-013	261 fountain 2nd fl	left fixture by boys br	FDRW	08/23/18 7:36
18-4929-014	261 fountain 2nd fl	left fixture by boys br	FLSH	08/23/18 7:37
18-4929-015	203 ezH2o station	hallway outside rm 203	FDRW	08/23/18 7:38
18-4929-016	203 ezH2o station	hallway outside rm 203	FLSH	08/23/18 7:39

Sample Batch Comments:

Sample acceptance criteria were met.

Method Comments

Lab Number	Sample ID	Comments:
18-4929-001	101 left fountain	<i>Total Metals</i> Result was confirmed by re-analysis.
18-4929-002	101 left fountain	<i>Total Metals</i> Result was confirmed by re-analysis.
18-4929-003	101 right fountain	<i>Total Metals</i> Result was confirmed by re-analysis.



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Case Narrative

IRVING ELEMENTARY SCHOOL

Lab File ID: **18-4929**

Project ID: **Irving Elementary School**

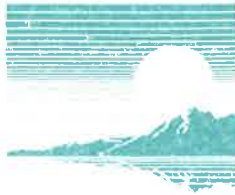
Date Received: **August 23, 2018**

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

18-4929-004 101 right fountain *Total Metals*
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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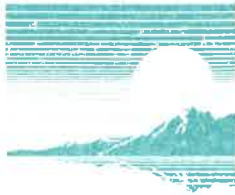
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Analytical Report

Client: IRVING ELEMENTARY SCHOOL
Project ID: Irving Elementary School

Date Received: 08/23/18
Date Reported: 08/29/18

Lab No:	Sample ID:	Analyte	Result	R.L.	Units	Flags
Total Metals		Method: 200.8R5.4	Preparation Method DW			
18-4929-001	101 left fountain	Date Collected: 08/23/18	Time Collected: 7:23			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		Lead	10.9	2.00	ug/L	
18-4929-002	101 left fountain	Date Collected: 08/23/18	Time Collected: 7:24			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		Lead	2.22	2.00	ug/L	
18-4929-003	101 right fountain	Date Collected: 08/23/18	Time Collected: 7:24			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		Lead	2.78	2.00	ug/L	
18-4929-004	101 right fountain	Date Collected: 08/23/18	Time Collected: 7:26			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		Lead	2.41	2.00	ug/L	
18-4929-005	1st fl ezH2O	Date Collected: 08/23/18	Time Collected: 7:26			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		Lead	<2.00	2.00	ug/L	
18-4929-006	1st fl ezH2O	Date Collected: 08/23/18	Time Collected: 7:27			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		Lead	<2.00	2.00	ug/L	
18-4929-007	183 fountain 1st fl	Date Collected: 08/23/18	Time Collected: 7:30			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		Lead	<2.00	2.00	ug/L	
18-4929-008	183 fountain 1st fl	Date Collected: 08/23/18	Time Collected: 7:31			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		Lead	<2.00	2.00	ug/L	
18-4929-009	162 fountain 1st fl	Date Collected: 08/23/18	Time Collected: 7:31			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		Lead	<2.00	2.00	ug/L	
18-4929-010	162 fountain 1st fl	Date Collected: 08/23/18	Time Collected: 7:33			
Analysis Date:	08/28/18		Preparation Date: 08/27/18			
		Lead	<2.00	2.00	ug/L	



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Analytical Report

Client: IRVING ELEMENTARY SCHOOL
Project ID: Irving Elementary School

Date Received: 08/23/18
Date Reported: 08/29/18

Lab No:	Sample ID:	Analyte	Result	R.L.	Units	Flags
18-4929-011	282 fountain 2nd fl		Date Collected: 08/23/18	Time Collected: 7:34		
Analysis Date:	08/28/18			Preparation Date: 08/27/18		
		Lead	<2.00	2.00	ug/L	
18-4929-012	282 fountain 2nd fl		Date Collected: 08/23/18	Time Collected: 7:35		
Analysis Date:	08/28/18			Preparation Date: 08/27/18		
		Lead	<2.00	2.00	ug/L	
18-4929-013	261 fountain 2nd fl		Date Collected: 08/23/18	Time Collected: 7:36		
Analysis Date:	08/28/18			Preparation Date: 08/27/18		
		Lead	<2.00	2.00	ug/L	
18-4929-014	261 fountain 2nd fl		Date Collected: 08/23/18	Time Collected: 7:37		
Analysis Date:	08/28/18			Preparation Date: 08/27/18		
		Lead	<2.00	2.00	ug/L	
18-4929-015	203 ezH2o station		Date Collected: 08/23/18	Time Collected: 7:38		
Analysis Date:	08/28/18			Preparation Date: 08/27/18		
		Lead	<2.00	2.00	ug/L	
18-4929-016	203 ezH2o station		Date Collected: 08/23/18	Time Collected: 7:39		
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:	Irving Elementary School
Address:	3501 Clinton 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:	8/22/18
Time Building Last Used:	10:30pm

Sample details are provided on the following sheets.

Comments: _____

Relinquished By: _____ Date/Time: _____ Received By: RS Date/Time: 8/23/18 1325

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	7:23am	1	101 left fountain	Hallway outside rm 101	fountain	First Draw	250 mL	Lead 200.8	18-4929-001
8/23/2018	7:24am	2	101 left fountain	Hallway outside rm 101	fountain	Flush	250 mL	Lead 200.8	002
8/23/2018	7:24am	3	101 right fountain	Hallway outside rm 101	fountain	First Draw	250 mL	Lead 200.8	003
8/23/2018	7:25am	4	101 right fountain	Hallway outside rm 101	fountain	Flush	250 mL	Lead 200.8	004
8/23/2018	7:25am	5	1st fl ezH2O	Outside front office	fountain	First Draw	250 mL	Lead 200.8	005
8/23/2018	7:27am	6	1st fl ezH2O	Outside front office	fountain	Flush	250 mL	Lead 200.8	006
8/23/2018	7:30am	7	183 fountain 1st fl	right fixture by boys br	fountain	First Draw	250 mL	Lead 200.8	007
8/23/2018	7:31am	8	183 fountain 1st fl	right fixture by boys br	fountain	Flush	250 mL	Lead 200.8	008
8/23/2018	7:31am	9	162 fountain 1st fl	left fixture by boys br	fountain	First Draw	250 mL	Lead 200.8	009
8/23/2018	7:33am	10	162 fountain 1st fl	left fixture by boys br	fountain	Flush	250 mL	Lead 200.8	010
8/23/2018	7:34am	11	282 fountain 2nd fl	right fixture by boys br	fountain	First Draw	250 mL	Lead 200.8	011
8/23/2018	7:35am	12	282 fountain 2nd fl	right fixture by boys br	fountain	Flush	250 mL	Lead 200.8	012
8/23/2018	7:36am	13	261 fountain 2nd fl	left fixture by boys br	fountain	First Draw	250 mL	Lead 200.8	013
8/23/2018	7:37am	14	261 fountain 2nd fl	left fixture by boys br	fountain	Flush	250 mL	Lead 200.8	014
8/23/2018	7:38am	15	203 ezH2o station	hallway outside rm 203	fountain	First Draw	250 mL	Lead 200.8	015
8/23/2018	7:39am	16	203 ezH2o station	hallway outside rm 203	fountain	Flush	250 mL	Lead 200.8	016
		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	



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

Project ID: Irving

P.O.#: _____

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

Date/Time Taken	Sample Description	Matrix	LEAD				Comments	Lab ID.
8/23/18 9:25	101 Left	Water	X					
9:24	101 Left	Water	X					
9:24	101 Right	Water	X					
9:26	101 Right	Water	X					
9:26	1st EZH20	Water	X					
9:27	1st EZH20	Water	X					
9:30	183	Water	X					
9:31	183	Water	X					
9:31	162	Water	X					
9:33	162	Water	X					
9:34	282	Water	X					
9:35	282	Water	X					

FOR LAB USE ONLY: Cooler Temperature: 0-1.6°C Yes ___ No ___ °C
 Received within 6 hrs of collection: ___ No ___ Yes ___ °C
 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: duy Date/Time: 9/27/18 Received By: [Signature] Date/Time: 9/27/18 1335

Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____

Rev 1/07



First Environmental Laboratories, Inc.

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

CHAIN OF CUSTODY RECORD

Company Name:	Berynyn South School District 100		
Street Address:	3401 S. Gunderson Ave		
City:	Berynyn	State:	IL
Phone:	(408) 303-4889	Fax:	
Send Report To:	George Lambesis	Via Fax:	<input type="checkbox"/>
Sampled By:	George Lambesis	Via e-Mail:	<input checked="" type="checkbox"/>
c-Mail:		Glambesis@hsd100.org	
Zip:		60402	

Project ID: Irving
 P.O. #: _____

LEAD

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

Date/Time Taken	Sample Description	Matrix	LEAD					Comments	Lab I.D.
8/23/18 7:36	13	Water	X						
7:37	14	Water	X						
7:38	15	Water	X						
7:39	16	Water	X						

FOR LAB USE ONLY:

Cooler Temperature: 0-4-6°C Yes No °C
 Received within 6 hrs of collection: No
 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>Dee [Signature]</u>	Date/Time: 8/23/18 1:33P	Received By: <u>[Signature]</u>	Date/Time: 8/23/18 1:35P
Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____

Rev 1/07