

**First
Environmental
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

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

September 07, 2018

Mr. George Lambesis
FREEDOM MIDDLE SCHOOL
3016 Ridgeland Ave
Berwyn, IL 60402

Project ID: Freedom Middle School
First Environmental File ID: 18-5154
Date Received: September 05, 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



Case Narrative

FREEDOM MIDDLE SCHOOL

Lab File ID: **18-5154**

Project ID: **Freedom Middle School**

Date Received: **September 05, 2018**

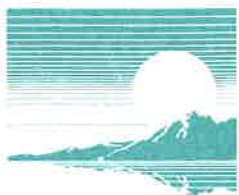
All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

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

| Laboratory Sample ID | Sample Identifier | Location Description | Type | Date/Time Collected |
|----------------------|-------------------|----------------------|------|---------------------|
| 18-5154-001 | 1st fl hall | by rm 137a | FDRW | 09/05/18 7:37 |
| 18-5154-002 | 1st fl hall | by rm 137a | FLSH | 09/05/18 7:38 |
| 18-5154-003 | 1st fl hall | by rm 140 | FDRW | 09/05/18 7:39 |
| 18-5154-004 | 1 st fl hall | by rm 140 | FLSH | 09/05/18 7:40 |
| 18-5154-005 | gym | by girls locker rm | FDRW | 09/05/18 7:41 |
| 18-5154-006 | gym | by girls locker rm | FLSH | 09/05/18 7:42 |
| 18-5154-007 | gym | by boys locker rm | FDRW | 09/05/18 7:43 |
| 18-5154-008 | gym | by boys locker rm | FLSH | 09/05/18 7:44 |
| 18-5154-009 | 2nd fl hall | by rm 215 | FDRW | 09/05/18 7:46 |
| 18-5154-010 | 2nd fl hall | by rm 215 | FLSH | 09/05/18 7:47 |
| 18-5154-011 | 2nd fl hall | by rm 236 | FDRW | 09/05/18 7:48 |
| 18-5154-012 | 2nd fl hall | by rm 236 | FLSH | 09/05/18 7:49 |
| 18-5154-013 | 3rd fl hall | across frm 304 | FDRW | 09/05/18 7:50 |
| 18-5154-014 | 3rd fl hall | across frm 304 | FLSH | 09/05/18 7:51 |
| 18-5154-015 | 3rd fl hall | by rm 315 | FDRW | 09/05/18 7:53 |
| 18-5154-016 | 3rd fl hall | by rm 315 | FLSH | 09/05/18 7:54 |

Sample Batch Comments:

Sample acceptance criteria were met.



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Case Narrative

FREEDOM MIDDLE SCHOOL

Lab File ID: **18-5154**

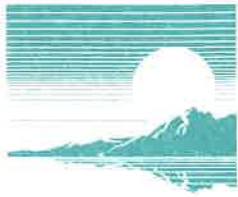
Project ID: **Freedom Middle School**

Date Received: **September 05, 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:

| 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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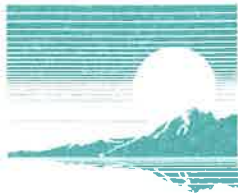
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Analytical Report

Client: FREEDOM MIDDLE SCHOOL
Project ID: Freedom Middle School

Date Received: 09/05/18
Date Reported: 09/07/18

| Lab No: | Sample ID: | Analyte | Result | R.L. | Units | Flags |
|---------------------|--------------|--------------------------|------------------------------|----------------------------|-------------|-------|
| Total Metals | | Method: 200.8R5.4 | Preparation Method DW | | | |
| 18-5154-001 | 1st fl hall | | Date Collected: 09/05/18 | Time Collected: 7:37 | | |
| Analysis Date: | 09/06/18 | | | Preparation Date: 09/06/18 | | |
| | | Lead | <2.00 | 2.00 | ug/L | |
| 18-5154-002 | 1st fl hall | | Date Collected: 09/05/18 | Time Collected: 7:38 | | |
| Analysis Date: | 09/06/18 | | | Preparation Date: 09/06/18 | | |
| | | Lead | <2.00 | 2.00 | ug/L | |
| 18-5154-003 | 1st fl hall | | Date Collected: 09/05/18 | Time Collected: 7:39 | | |
| Analysis Date: | 09/06/18 | | | Preparation Date: 09/06/18 | | |
| | | Lead | <2.00 | 2.00 | ug/L | |
| 18-5154-004 | 1 st fl hall | | Date Collected: 09/05/18 | Time Collected: 7:40 | | |
| Analysis Date: | 09/06/18 | | | Preparation Date: 09/06/18 | | |
| | | Lead | <2.00 | 2.00 | ug/L | |
| 18-5154-005 | gym | | Date Collected: 09/05/18 | Time Collected: 7:41 | | |
| Analysis Date: | 09/06/18 | | | Preparation Date: 09/06/18 | | |
| | | Lead | <2.00 | 2.00 | ug/L | |
| 18-5154-006 | gym | | Date Collected: 09/05/18 | Time Collected: 7:42 | | |
| Analysis Date: | 09/06/18 | | | Preparation Date: 09/06/18 | | |
| | | Lead | <2.00 | 2.00 | ug/L | |
| 18-5154-007 | gym | | Date Collected: 09/05/18 | Time Collected: 7:43 | | |
| Analysis Date: | 09/06/18 | | | Preparation Date: 09/06/18 | | |
| | | Lead | <2.00 | 2.00 | ug/L | |
| 18-5154-008 | gym | | Date Collected: 09/05/18 | Time Collected: 7:44 | | |
| Analysis Date: | 09/06/18 | | | Preparation Date: 09/06/18 | | |
| | | Lead | <2.00 | 2.00 | ug/L | |
| 18-5154-009 | 2nd fl hall | | Date Collected: 09/05/18 | Time Collected: 7:46 | | |
| Analysis Date: | 09/06/18 | | | Preparation Date: 09/06/18 | | |
| | | Lead | <2.00 | 2.00 | ug/L | |
| 18-5154-010 | 2nd fl hall | | Date Collected: 09/05/18 | Time Collected: 7:47 | | |
| Analysis Date: | 09/06/18 | | | Preparation Date: 09/06/18 | | |
| | | Lead | <2.00 | 2.00 | ug/L | |



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Analytical Report

Client: FREEDOM MIDDLE SCHOOL
Project ID: Freedom Middle School

Date Received: 09/05/18
Date Reported: 09/07/18

| Lab No: | Sample ID: | Analyte | Result | R.L. | Units | Flags |
|-------------|-------------------------|-------------|--------------------------|----------------------------|-------------|-------|
| 18-5154-011 | 2nd fl hall | | Date Collected: 09/05/18 | Time Collected: 7:48 | | |
| | Analysis Date: 09/06/18 | | | Preparation Date: 09/06/18 | | |
| | | Lead | <2.00 | 2.00 | ug/L | |
| 18-5154-012 | 2nd fl hall | | Date Collected: 09/05/18 | Time Collected: 7:49 | | |
| | Analysis Date: 09/06/18 | | | Preparation Date: 09/06/18 | | |
| | | Lead | <2.00 | 2.00 | ug/L | |
| 18-5154-013 | 3rd fl hall | | Date Collected: 09/05/18 | Time Collected: 7:50 | | |
| | Analysis Date: 09/06/18 | | | Preparation Date: 09/06/18 | | |
| | | Lead | <2.00 | 2.00 | ug/L | |
| 18-5154-014 | 3rd fl hall | | Date Collected: 09/05/18 | Time Collected: 7:51 | | |
| | Analysis Date: 09/06/18 | | | Preparation Date: 09/06/18 | | |
| | | Lead | <2.00 | 2.00 | ug/L | |
| 18-5154-015 | 3rd fl hall | | Date Collected: 09/05/18 | Time Collected: 7:53 | | |
| | Analysis Date: 09/06/18 | | | Preparation Date: 09/06/18 | | |
| | | Lead | <2.00 | 2.00 | ug/L | |
| 18-5154-016 | 3rd fl hall | | Date Collected: 09/05/18 | Time Collected: 7:54 | | |
| | Analysis Date: 09/06/18 | | | Preparation Date: 09/06/18 | | |
| | | Lead | <2.00 | 2.00 | ug/L | |



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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: | Freedom Middle School |
| Address: | 3016 Ridgeland 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: | Middle School |

Sample details are provided on the following sheets.

| 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): | Geroge Lambesis |
| Report to (e-mail): | glambesis@bsd100.org |
| Report to (phone): | (708) 303-4809 |

| Sampling Information | |
|--------------------------|-------------|
| Sampled by: | Alex LeGare |
| Sampler Initials: | Alex LeGare |
| Date Building Last Used: | 9/4/18 |
| Time Building Last Used: | 1030 pm |

Comments: _____

Relinquished By: *[Signature]* Date/Time: 8/5/18 Received By: *[Signature]* Date/Time: 8/5/18 1105

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 |
|----------------|----------------|------------|-----------------|-----------------------------|--------------|-------------|---------------|------------|---------------|
| 9/5/2018 | 7:37 | 1 | | by rm 137a | fountain | first draw | 250 mL | Lead 200.8 | 18-5754-001 |
| 9/5/2018 | 7:38 | 2 | | by rm 137a | fountain | flush | 250 mL | Lead 200.8 | 012 |
| 9/5/2018 | 7:39 | 3 | | by rm 140 | fountain | first draw | 250 mL | Lead 200.8 | 003 |
| 9/5/2018 | 7:40 | 4 | | by rm 140 | fountain | flush | 250 mL | Lead 200.8 | 004 |
| 9/5/2018 | 7:41 | 5 | | by girls locker rm | fountain | first draw | 250 mL | Lead 200.8 | 005 |
| 9/5/2018 | 7:42 | 6 | | by girls locker rm | fountain | flush | 250 mL | Lead 200.8 | 006 |
| 9/5/2018 | 7:43 | 7 | | by boys locker rm | fountain | first draw | 250 mL | Lead 200.8 | 007 |
| 9/5/2018 | 7:44 | 8 | | by boys locker rm | fountain | flush | 250 mL | Lead 200.8 | 008 |
| 9/5/2018 | 7:46 | 9 | | by rm 215 | fountain | first draw | 250 mL | Lead 200.8 | 009 |
| 9/5/2018 | 7:47 | 10 | | by rm 215 | fountain | flush | 250 mL | Lead 200.8 | 010 |
| 9/5/2018 | 7:48 | 11 | | by rm 236 | fountain | first draw | 250 mL | Lead 200.8 | 011 |
| 9/5/2018 | 7:49 | 12 | | by rm 236 | fountain | flush | 250 mL | Lead 200.8 | 012 |
| 9/5/2018 | 7:50 | 13 | | across frm 304 | fountain | first draw | 250 mL | Lead 200.8 | 013 |
| 9/5/2018 | 7:51 | 14 | | across frm 304 | fountain | flush | 250 mL | Lead 200.8 | 014 |
| 9/5/2018 | 7:53 | 15 | | by rm 315 | fountain | first draw | 250 mL | Lead 200.8 | 015 |
| 9/5/2018 | 7:54 | 16 | | by rm 315 | 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 | |