

KANKAKEE SCHOOL DISTRICT 111 LEAD IN DRINKING WATER TESTING MILLIE PROEGLER SCHOOL

FACILITY ADDRESS:

710 North Chicago Avenue
Kankakee, Illinois 60901

CLIENT

Mr. Robert Adamik
Director of Maintenance
240 Warren Avenue
Kankakee, Illinois 60901

REPORT NO:

00473170

COMPILED BY

Intertek-PSI
4421 Harrison Street
Hillside, Illinois 60102

Industrial Hygiene Services
Jeff Chapman, Project Manager
708-236-0720

DATE

30 August 2017



MILLIE PROEGLER SCHOOL

August 30, 2017

Mr. Robert Adamik
Director of Maintenance
Kankakee School District 111
240 Warren Avenue
Kankakee, Illinois 60901

RE: Water Sampling for Lead Content
Millie Proegler School
710 North Chicago Avenue
Kankakee, Illinois 60901
PSI Project Number: 00473170

Dear Mr. Adamik:

In accordance with your request, Professional Service Industries, Inc. (PSI) Industrial Hygiene Technician Ciaran McGowan, conducted initial first-draw and second-draw lead-in-water testing of potable water sources at the above referenced Kankakee School District 111 facility. The sample's lead concentrations were compared to the State of Illinois notification level established by Senate Bill 550, Public Act 099-0922 enacted on January 16, 2017, establishing a notification level for lead in public school drinking water of 5 parts per billion (ppb).

PSI was authorized to conduct the lead-in-water sampling and analysis on July 25, 2017 via Purchasing Ordering No. PO0191800049 by Kankakee School District 111, in accordance with PSI Proposal No. 0047-216671.

SCOPE

PSI understands that thirty-three (33) high priority potable water sources are to be sampled in total from Millie Proegler School, at 710 North Chicago Avenue, in Kankakee, Illinois. At each high priority potable water source within the facility, two (2) water samples were obtained. The samples were collected from high priority potable water sources in the subject schools, including kitchen sinks, water fountains and other outlets. The total number of samples collected and the sample locations were determined by a pre-sampling walk-through between PSI and Kankakee School District 111.

METHODOLOGY

PSI collected samples at each high priority potable water source within the facility. Two (2) water samples per source were obtained. The first sample was obtained utilizing an initial "first draw" method. A "first draw" sample is defined as the first water to come out of the tap after an inactivity period of at least an 8-hours, but no more than 18-hours. After the collection of the "first draw sample" and after allowing the sample point to flush for 30 seconds, a second sample

MILLIE PROEGLER SCHOOL

was collected in like fashion to the first. The samples were collected directly into laboratory-supplied 250 ml bottles containing a HNO₃ preservative solution.

The samples were delivered and transferred under chain of custody to STAT Analysis Corporation laboratory facility at 2242 West Harrison, Suite 200, Chicago, IL. Analysis for Lead was performed at STAT Analysis Corporation in Chicago, IL (NELAP Certification #100445).

All samples were analyzed for lead content by EPA Method 200.8, Inductively Coupled Plasma Mass-Spectrometry.

RESULTS

Sample summaries and locations, analytical results, and chain-of-custody paperwork, can be found in the attachments to this report. Analytical results indicating concentrations at or exceeding the Illinois State notification level drinking water standard for lead of 5 parts per billion (ppb) are displayed on the table 1.0 below. Twenty-six (26) of the sixty-six (66) samples collected at this facility exceeded the Illinois State notification level for lead-in-drinking water.

TABLE 1.0 – NON-COMPLIANT SAMPLES

Millie Proegler School
August 10, 2017

Source Number	Sample Location	Draw Number	Lead (Pb) Analytical Result (ppb)
6	Room 100	1	68.9
6	Room 100	2	20.4
7	Hallway near Room 103	1	23.6
7	Hallway near Room 103	2	34.2
8	Principal's Office	1	20.8
9	Kitchen	2	7.98
10	Kitchen	1	5.70
10	Kitchen	2	11.2
11	Kitchen	1	6.63
12	Kitchen	1	11.0
14	Room 104	2	5.22
15	Room 106	1	17.2
15	Room 106	2	5.19
16	Room 106	1	8.02
19	Room 109	1	6.33
21	Room 107	1	7.24

See Site Map in the Appendices for outlet locations

TABLE 1.0 – NON-COMPLIANT SAMPLES

MILLIE PROEGLER SCHOOL

Millie Proegler School

August 10, 2017

Source Number	Sample Location	Draw Number	Lead (Pb) Analytical Result (ppb)
23	Room 105	1	5.46
25	Room 211	1	64.3
26	Room 211	1	31.0
28	Room 209	1	71.7
29	Room 208	1	8.79
30	Room 206	1	6.08
32	Room 205B	1	50.4
32	Room 205B	2	6.57
33	2 nd Floor Hallway	1	23.3
33	2 nd Floor Hallway	2	25.1

See Site Map in the Appendices for outlet locations

Table 2.0, located at the end of this report, summarizes the laboratory data of the entire sampling event.

CONCLUSIONS

A total of twenty (20) sampled outlets at Millie Proegler School had lead (Pb) water concentrations that exceeded the State of Illinois notification level of 5 ppb at the time of PSI's sampling. Please find the Laboratory analytical results attached for your review.

RECOMMENDATIONS

Per Illinois Public Act 099-0922, if any of the water samples taken in the school exceeds 5 parts per billion, the school district, or chief school administrator, or the designee of the school district, shall:

- a. Promptly provide an individual notification of the sampling results via written or electronic communication to the parents or legal guardians of all enrolled students and include the following information:
 1. The corresponding sample location within the school building and provide the Environmental Protection Agency's (EPA) website for information about lead in drinking water.
- b. prohibit use of the outlet until:
 1. a lead remediation plan is implemented to mitigate the lead level of such outlet; and
 2. test results indicate that the lead levels are at or below the notification level;
- c. provide building occupants with an adequate supply of potable water for drinking and cooking until remediation is performed.

WARRANTY

The field observations, measurements, and research reported herein are considered sufficient in detail and scope to form for the analysis of the selected water quality parameters. The investigation and conclusions presented herein are based upon the subjective evaluation of limited data. They may not represent all conditions at the subject site as they reflect the information gathered from specific locations. PSI warrants that the findings and conclusions contained herein have been promulgated in accordance with generally accepted environmental investigation methodology and only for the site described in this report.

The water quality sampling and analysis has been developed to provide the client with information regarding select parameter concentrations in the water samples collected at the subject property. It is necessarily limited to the conditions observed and to the information available at the time of the work.

Due to the limited nature of the work, there is a possibility that there may exist conditions which could not be identified within the scope of the assessment or which were not apparent at the time of report preparation. It is also possible that the testing methods employed at the time of the report may later be superseded by other methods. PSI does not accept responsibility for changes in the state of the art, nor for changes in the regulations. PSI believes that the findings

and conclusions provided in this report are reasonable. However, no other warranties are implied or expressed.

This report for the above referenced property represents the product of PSI's professional expertise and judgment in the environmental and industrial hygiene consulting industry. This report is certified to, can be relied upon by, and has been prepared for the exclusive use of the client.

PSI appreciates you selecting our services for your needs. Please contact us at 708-236-0720 should you have any questions regarding this report.

Respectfully,
PROFESSIONAL SERVICE INDUSTRIES, INC.



Ron Tulke
Department Manager



Jeff Chapman
Project Manager

Attachments: Table 2.0: Sample Summary
Appendix A: Analytical Data & Chain-of-Custody
Appendix B: Sample Location Drawings
Appendix C: Laboratory Credentials

MILLIE PROEGLER SCHOOL

TABLE 2.0 – SAMPLE SUMMARY

Millie Proegler School

August 10, 2017

Source Number	Sample Location	Source Type	Draw Number 1 Lead Result (ppb)	Draw Number 2 Lead Result (ppb)
1	Room 103	S	3.08	2.48
2	Room 102	S	4.74	<2.00
3	Room 102	DF	4.32	<2.00
4	Room 101	S	4.28	<2.00
5	Room 101	DF	4.06	<2.00
6	Room 100	S	68.9	20.4
7	Hallway near Room 103	DF	23.6	34.2
8	Principal's Office	S	20.8	3.05
9	Kitchen	S	3.79	7.98
10	Kitchen	S	5.70	11.2
11	Kitchen	S	6.63	2.04
12	Kitchen	S	11.0	2.45
13	Kitchen	S	<2.00	2.12
14	Room 104	S	4.65	5.22
15	Room 106	S	17.2	5.19
16	Room 106	DF	8.02	2.78
17	Room 108	S	4.91	<2.00
18	Room 108	DF	<2.00	<2.00
19	Room 109	S	6.33	<2.00
20	Room 109	DF	<2.00	<2.00
21	Room 107	S	7.24	<2.00
22	Room 107	DF	2.28	<2.00
23	Room 105	S	5.46	<2.00
24	Room 105	DF	3.03	<2.00
25	Room 211	S	64.3	4.37
26	Room 211	DF	31.0	3.64
27	Upstairs Office	S	<2.00	<2.00
28	Room 209	S	71.7	3.57
29	Room 208	S	8.79	<2.00
30	Room 206	S	6.08	<2.00

Results in **bold** indicate findings above the notification level.

See Site Map in Appendix B for outlet locations

ppb = Parts per Billion

DF = Drinking Fountain

S = Sink

TABLE 2.0 – SAMPLE SUMMARY

Millie Proegler School
August 10, 2017

Source Number	Sample Location	Source Type	Draw Number 1 Lead Result (ppb)	Draw Number 2 Lead Result (ppb)
31	Room 207	S	3.94	4.59
32	Room 205B	S	50.4	6.57
33	2nd Floor Hallway	DF	23.3	25.1

Results in **bold** indicate findings above the notification level.

See Site Map in Appendix B for outlet locations

ppb = Parts per Billion

DF = Drinking Fountain

S = Sink

**APPENDIX A:
ANALYTICAL DATA
&
CHAIN-OF-CUSTODY**

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

August 22, 2017

PSI

4421 W. Harrison St., Suite 510

Hillside, IL 60162

Telephone: (708) 236-0720

Fax: (708) 236-0721

Analytical Report for STAT Work Order: 17080401 Revision 0

RE: 00473170, Steuben Elementary School, 520 S. Wildwood, Kankakee

Dear Samantha Lodge:

STAT Analysis received 56 samples for the referenced project on 8/10/2017 5:25:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Martin Kucan

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Client: PSI**Project:** 00473170, Steuben Elementary School, 520 S. Wildwo**Work Order Sample Summary****Work Order:** 17080401 Revision 0

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
17080401-001A 1-1			8/10/2017	8/10/2017
17080401-002A 1-2			8/10/2017	8/10/2017
17080401-003A 2-1			8/10/2017	8/10/2017
17080401-004A 2-2			8/10/2017	8/10/2017
17080401-005A 3-1			8/10/2017	8/10/2017
17080401-006A 3-2			8/10/2017	8/10/2017
17080401-007A 4-1			8/10/2017	8/10/2017
17080401-008A 4-2			8/10/2017	8/10/2017
17080401-009A 5-1			8/10/2017	8/10/2017
17080401-010A 5-2			8/10/2017	8/10/2017
17080401-011A 6-1			8/10/2017	8/10/2017
17080401-012A 6-2			8/10/2017	8/10/2017
17080401-013A 7-1			8/10/2017	8/10/2017
17080401-014A 7-2			8/10/2017	8/10/2017
17080401-015A 8-1			8/10/2017	8/10/2017
17080401-016A 8-2			8/10/2017	8/10/2017
17080401-017A 9-1			8/10/2017	8/10/2017
17080401-018A 9-2			8/10/2017	8/10/2017
17080401-019A 10-1			8/10/2017	8/10/2017
17080401-020A 10-2			8/10/2017	8/10/2017
17080401-021A 11-1			8/10/2017	8/10/2017
17080401-022A 11-2			8/10/2017	8/10/2017
17080401-023A 12-1			8/10/2017	8/10/2017
17080401-024A 12-2			8/10/2017	8/10/2017
17080401-025A 13-1			8/10/2017	8/10/2017
17080401-026A 13-2			8/10/2017	8/10/2017
17080401-027A 14-1			8/10/2017	8/10/2017
17080401-028A 14-2			8/10/2017	8/10/2017
17080401-029A 15-1			8/10/2017	8/10/2017
17080401-030A 15-2			8/10/2017	8/10/2017
17080401-031A 16-1			8/10/2017	8/10/2017
17080401-032A 16-2			8/10/2017	8/10/2017
17080401-033A 17-1			8/10/2017	8/10/2017
17080401-034A 17-2			8/10/2017	8/10/2017
17080401-035A 18-1			8/10/2017	8/10/2017
17080401-036A 18-2			8/10/2017	8/10/2017
17080401-037A 19-1			8/10/2017	8/10/2017
17080401-038A 19-2			8/10/2017	8/10/2017

Client: PSI
Project: 00473170, Steuben Elementary School, 520 S. Wildwo **Work Order Sample Summary**
Work Order: 17080401 Revision 0

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
17080401-039A	20-1		8/10/2017	8/10/2017
17080401-040A	20-2		8/10/2017	8/10/2017
17080401-041A	21-1		8/10/2017	8/10/2017
17080401-042A	21-2		8/10/2017	8/10/2017
17080401-043A	22-1		8/10/2017	8/10/2017
17080401-044A	22-2		8/10/2017	8/10/2017
17080401-045A	23-1		8/10/2017	8/10/2017
17080401-046A	23-2		8/10/2017	8/10/2017
17080401-047A	24-1		8/10/2017	8/10/2017
17080401-048A	24-2		8/10/2017	8/10/2017
17080401-049A	25-1		8/10/2017	8/10/2017
17080401-050A	25-2		8/10/2017	8/10/2017
17080401-051A	26-1		8/10/2017	8/10/2017
17080401-052A	26-2		8/10/2017	8/10/2017
17080401-053A	27-1		8/10/2017	8/10/2017
17080401-054A	27-2		8/10/2017	8/10/2017
17080401-055A	28-1		8/10/2017	8/10/2017
17080401-056A	28-2		8/10/2017	8/10/2017

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATanalysis.com

Accreditation Numbers : IEPA ELAP 100445 ; ORELAP IL300001 ; AIHA-LAP, LLC 101160

Date Reported: August 22, 2017

ANALYTICAL RESULTS

Date Printed: August 22, 2017

Client: PSI

Work Order: 17080401 Revision 0

Project: 00473170, Steuben Elementary School, 520 S. Wildwood

Client ID	Additional Info	Sample ID	Matrix	Lead Result	Units	Qualifier	Analyst	Date Analyzed	Analytical Method
1-1		17080401-001A	Water	3.86	µg/L (ppb)		MDT	08/19/2017	EPA 200.8
1-2		17080401-002A	Water	< 2.00	µg/L (ppb)		MDT	08/19/2017	EPA 200.8
2-1		17080401-003A	Water	< 2.00	µg/L (ppb)		MDT	08/19/2017	EPA 200.8
2-2		17080401-004A	Water	< 2.00	µg/L (ppb)		MDT	08/19/2017	EPA 200.8
3-1		17080401-005A	Water	< 2.00	µg/L (ppb)		MDT	08/19/2017	EPA 200.8
3-2		17080401-006A	Water	< 2.00	µg/L (ppb)		MDT	08/19/2017	EPA 200.8
4-1		17080401-007A	Water	< 2.00	µg/L (ppb)		MDT	08/19/2017	EPA 200.8
4-2		17080401-008A	Water	< 2.00	µg/L (ppb)		MDT	08/19/2017	EPA 200.8
5-1		17080401-009A	Water	26.2	µg/L (ppb)		MDT	08/17/2017	EPA 200.8
5-2		17080401-010A	Water	< 2.00	µg/L (ppb)		MDT	08/19/2017	EPA 200.8
6-1		17080401-011A	Water	3.09	µg/L (ppb)		MDT	08/19/2017	EPA 200.8
6-2		17080401-012A	Water	< 2.00	µg/L (ppb)		MDT	08/19/2017	EPA 200.8
7-1		17080401-013A	Water	5.48	µg/L (ppb)		MDT	08/19/2017	EPA 200.8
7-2		17080401-014A	Water	< 2.00	µg/L (ppb)		MDT	08/19/2017	EPA 200.8
8-1		17080401-015A	Water	10.9	µg/L (ppb)		MDT	08/19/2017	EPA 200.8
8-2		17080401-016A	Water	< 2.00	µg/L (ppb)		MDT	08/19/2017	EPA 200.8
9-1		17080401-017A	Water	11.8	µg/L (ppb)		MDT	08/19/2017	EPA 200.8
9-2		17080401-018A	Water	< 2.00	µg/L (ppb)		MDT	08/19/2017	EPA 200.8
10-1		17080401-019A	Water	2.18	µg/L (ppb)		MDT	08/19/2017	EPA 200.8
10-2		17080401-020A	Water	< 2.00	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
11-1		17080401-021A	Water	3.62	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
11-2		17080401-022A	Water	3.51	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
12-1		17080401-023A	Water	7.48	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
12-2		17080401-024A	Water	< 2.00	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
13-1		17080401-025A	Water	47.4	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
13-2		17080401-026A	Water	5.40	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
14-1		17080401-027A	Water	6.54	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
14-2		17080401-028A	Water	7.14	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
15-1		17080401-029A	Water	7.55	µg/L (ppb)		MDT	08/20/2017	EPA 200.8

Qualifiers: B - Analyte detected in the associated Method Blank
 S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

* - Non-accredited parameter

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATanalysis.com

Accreditation Numbers : IEPA ELAP 100445 ; ORELAP IL300001 ; AIHA-LAP, LLC 101160

Date Reported: August 22, 2017

ANALYTICAL RESULTS

Date Printed: August 22, 2017

Client: PSI
Work Order: 17080401 Revision 0
Project: 00473170, Steuben Elementary School, 520 S. Wildwood

Client ID	Additional Info	Sample ID	Matrix	Lead Result	Units	Qualifier	Analyst	Date Analyzed	Analytical Method
15-2		17080401-030A	Water	2.38	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
16-1		17080401-031A	Water	43.6	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
16-2		17080401-032A	Water	12.7	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
17-1		17080401-033A	Water	< 2.00	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
17-2		17080401-034A	Water	< 2.00	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
18-1		17080401-035A	Water	< 2.00	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
18-2		17080401-036A	Water	< 2.00	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
19-1		17080401-037A	Water	33.2	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
19-2		17080401-038A	Water	4.08	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
20-1		17080401-039A	Water	35.8	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
20-2		17080401-040A	Water	8.11	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
21-1		17080401-041A	Water	4.49	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
21-2		17080401-042A	Water	5.94	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
22-1		17080401-043A	Water	175	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
22-2		17080401-044A	Water	7.58	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
23-1		17080401-045A	Water	19.3	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
23-2		17080401-046A	Water	20.0	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
24-1		17080401-047A	Water	258	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
24-2		17080401-048A	Water	194	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
25-1		17080401-049A	Water	381	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
25-2		17080401-050A	Water	35.8	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
26-1		17080401-051A	Water	635	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
26-2		17080401-052A	Water	172	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
27-1		17080401-053A	Water	1290	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
27-2		17080401-054A	Water	30.3	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
28-1		17080401-055A	Water	7.11	µg/L (ppb)		MDT	08/20/2017	EPA 200.8
28-2		17080401-056A	Water	10.2	µg/L (ppb)		MDT	08/20/2017	EPA 200.8

Qualifiers: B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits
E - Value above quantitation range
* - Non-accredited parameter

CHAIN OF CUSTODY RECORD

Page : 01 of 01

[illegible]

Comments: _____

Sample Receipt Checklist

Client Name PSI

Date and Time Received: 8/10/2017 5:25:00 PM

Work Order Number 17080401

Received by: JNW

Checklist completed by:

[Signature] 8/10/17
Signature Date

Reviewed by:

Jac 8/11/17
Initials Date

Matrix:

Carrier name STAT Analysis

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels/containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container or Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Temperature Ambient °C
Water - VOA vials have zero headspace?	No VOA vials submitted <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Water - Samples pH checked?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Checked by: <i>J.W.</i>
Water - Samples properly preserved?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	pH Adjusted? <i>No</i>

Any No response must be detailed in the comments section below.

Comments:

Client / Person

contacted:

Date contacted:

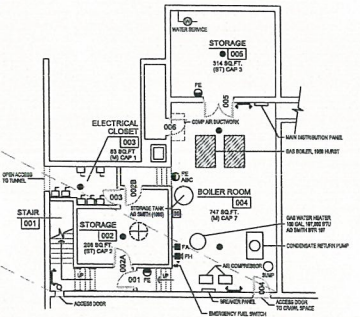
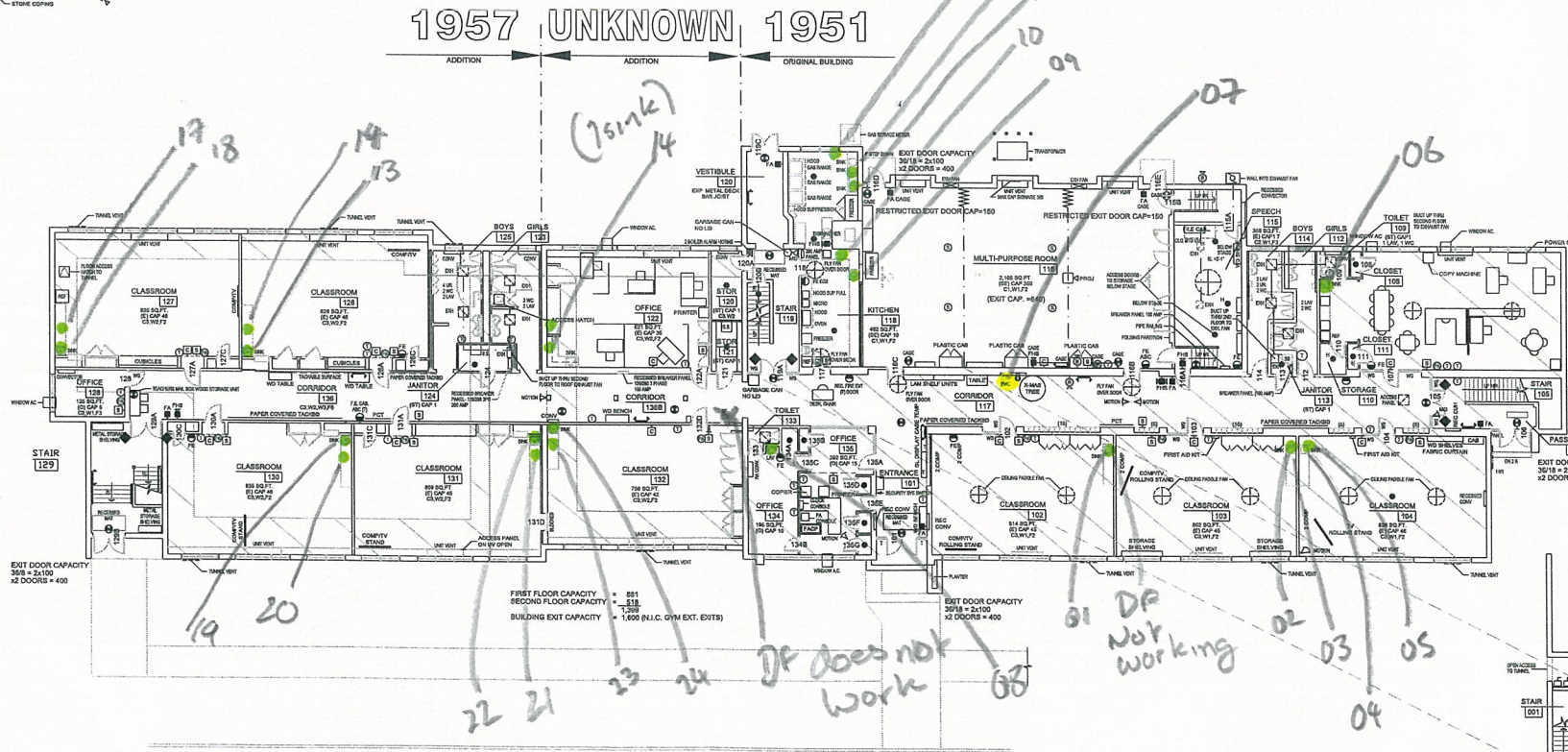
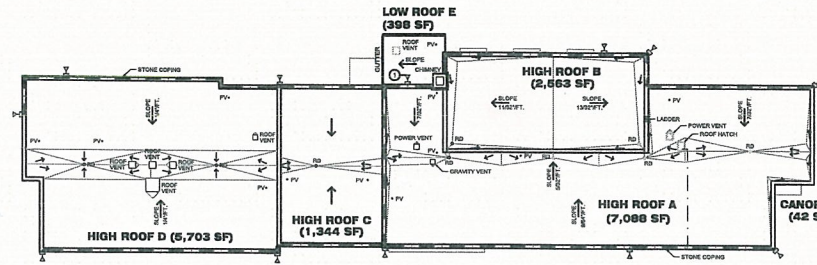
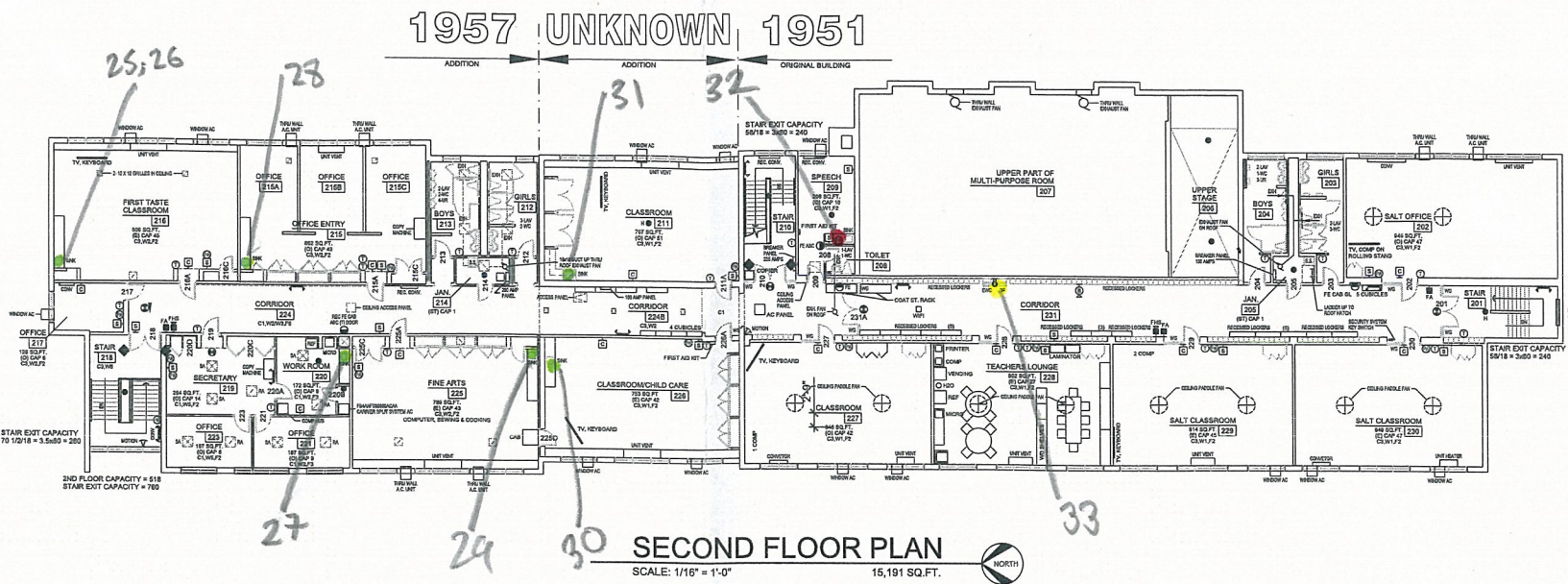
Contacted by:

Response:

APPENDIX B: SAMPLE LOCATION DRAWINGS

FINISH KEY

KEY	TYPE	KEY	TYPE	KEY	TYPE
C1	SUSPENDED 2x2	W1	CONCRETE BLOCK	F1	9x9 VAT
C2	SUSPENDED 2x4	W2	PLASTER	F2	12x12 VCT
C3	PLASTER	W3	CERMIC TILE	F3	CARPET
C4	TECTUM DECK WITH EXPOSED BAR JOISTS	W4	GLAZED BLOCK	F4	WOOD
C5	12x12 ACCOUSTICAL TILE	W5	BRICK	F5	CONCRETE
				F6	TERRAZZO



- SYMBOL LIST
- BOILER ALARM
 - CEILING ELE. UNIT VENT / HIGH WALL MOUNTED VENT
 - CLASS BELL
 - CLOCK
 - COUNTER TOP MOUNTED GAS SPIGOT
 - DRINKING FOUNTAIN
 - ELECTRIC METER
 - EMERGENCY FUEL SWITCH
 - EMERGENCY LIGHT
 - EXHAUST FAN
 - EXHAUST GRILLE
 - EXIT LIGHT
 - FACP
 - FIRE ALARM HORN
 - FIRE ALARM PULL STATION
 - FIRE ALARM STROBE
 - FIRE EXTINGUISHER
 - FIRE EXTINGUISHER IN CABINET
 - FLY FAN
 - GAS FURNACE
 - HEAT DETECTOR
 - INTERLOCK WITH FA SYSTEM
 - LIGHTING PANEL
 - MAGNETIC DOOR HOLDER
 - MOTION DETECTOR
 - PADDLE FAN W/ WAGE
 - PUBLIC ADDRESS SYSTEM OUTLET
 - SERVICE SINK
 - SPEAKER
 - SMOKE DETECTOR
 - SUPPLY AIR
 - TELEPHONE
 - TELEVISION
 - THERMOSTAT
 - UTILITY TUNNEL
 - WATER HEATER

SAFETY REFERENCE PLAN
SCALE: 1/16" = 1'-0"

MILLIE PROEGLER SCHOOL
33,479 SQ. FT.

BASEMENT PLAN
SCALE: 1/16" = 1'-0"

REVISIONS	BY

OWNERSHIP OF DOCUMENTS
THIS DOCUMENT AND THE IDEAS AND DESIGNS HEREIN ARE THE PROPERTY OF JH2B ARCHITECTS, AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE AUTHORIZATION OF JH2B ARCHITECTS

GENERAL NOTES
DO NOT SCALE DRAWINGS. USE DIMENSIONS ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS
INFORMATION HEREIN IS CONFIDENTIAL

JH2B ARCHITECTS
Office: 815.332.5073
117 South State Street
Kankakee, Illinois 60901

KANKAKEE SCHOOL DISTRICT #111 10-YEAR LIFE SAFETY RENOVATION
MILLIE PROEGLER SCHOOL
710 NORTH CHICAGO AVENUE
KANKAKEE, ILLINOIS 60901

DRAWN
JKR
CHECKED
WHT
DATE
04/28/16
SCALE
AS INDICATED
JOB NUMBER
1522
SHEET

A1.1
OF SHEETS

APPENDIX C: LABORATORY CREDENTIALS



STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
NELAP - RECOGNIZED
ENVIRONMENTAL LABORATORY ACCREDITATION



is hereby granted to

STAT ANALYSIS CORPORATION
2242 WEST HARRISON STREET
CHICAGO, IL 60612

NELAP ACCREDITED
ACCREDITATION NUMBER #100445



According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

Celeste M. Crowley
Acting Manager
Environmental Laboratory Accreditation Program

John South
Accreditation Officer
Environmental Laboratory Accreditation Program

Certificate No.: 004082
Expiration Date: 09/30/2017
Issued On: 02/23/2017

ISBE ID	Building ID	Building Description	Sample Date	Sample Time (12 HR Clock)	Collected By	Sample ID Number	Sample Location Description	Fixture Type	Date of Last Use	Time of Last Use (12 HR Clock)	Sample Type	Sample Volume (mL)	Laboratory Name	Analytical Method	Concentration (ug/L)	Reporting Limit (ug/L)
32-046-1110-25-3003	0001	Main Building	8/10/17	5:03 AM	CM	01-01	Room 103	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	3.08	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:04 AM	CM	01-02	Room 103	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	2.48	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:07 AM	CM	02-01	Room 102	DF - Drinking Fountain	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	4.74	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:08 AM	CM	02-02	Room 102	DF - Drinking Fountain	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	< 2.00	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:09 AM	CM	03-01	Room 102	DF - Drinking Fountain	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	4.32	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:10 AM	CM	03-02	Room 102	DF - Drinking Fountain	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	< 2.00	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:14 AM	CM	04-01	Room 101	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	4.28	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:15 AM	CM	04-02	Room 101	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	< 2.00	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:16 AM	CM	05-01	Room 101	DF - Drinking Fountain	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	4.06	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:17 AM	CM	05-02	Room 101	DF - Drinking Fountain	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	< 2.00	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:22 AM	CM	06-01	Room 100	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	68.9	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:23 AM	CM	06-02	Room 100	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	20.4	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:26 AM	CM	07-01	Room 100	DF - Drinking Fountain	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	23.6	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:27 AM	CM	07-02	Room 100	DF - Drinking Fountain	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	34.2	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:30 AM	CM	08-01	Principal's Office	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	20.8	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:31 AM	CM	08-02	Principal's Office	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	3.05	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:36 AM	CM	09-01	Kitchen	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	3.79	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:37 AM	CM	09-02	Kitchen	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	7.98	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:38 AM	CM	10-01	Kitchen	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	5.70	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:39 AM	CM	10-02	Kitchen	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	11.2	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:42 AM	CM	11-01	Kitchen	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	6.63	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:43 AM	CM	11-02	Kitchen	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	2.04	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:44 AM	CM	12-01	Kitchen	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	11.0	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:45 AM	CM	12-02	Kitchen	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	2.45	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:46 AM	CM	13-01	Kitchen	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	< 2.00	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:47 AM	CM	13-02	Kitchen	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	2.12	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:51 AM	CM	14-01	Room 104	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	4.65	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:52 AM	CM	14-02	Room 104	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	5.22	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:54 AM	CM	15-01	Room 106	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	17.2	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:55 AM	CM	15-02	Room 106	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	5.19	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:56 AM	CM	16-01	Room 106	DF - Drinking Fountain	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	8.02	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:57 AM	CM	16-02	Room 106	DF - Drinking Fountain	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	2.78	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	5:59 AM	CM	17-01	Room 108	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	4.91	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:00 AM	CM	17-02	Room 108	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	< 2.00	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:01 AM	CM	18-01	Room 108	DF - Drinking Fountain	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	< 2.00	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:02 AM	CM	18-02	Room 108	DF - Drinking Fountain	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	< 2.00	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:05 AM	CM	19-01	Room 109	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	6.33	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:06 AM	CM	19-02	Room 109	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	< 2.00	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:07 AM	CM	20-01	Room 109	DF - Drinking Fountain	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	< 2.00	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:08 AM	CM	20-02	Room 109	DF - Drinking Fountain	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	< 2.00	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:10 AM	CM	21-01	Room 107	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	7.24	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:11 AM	CM	21-02	Room 107	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	< 2.00	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:12 AM	CM	22-01	Room 107	DF - Drinking Fountain	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	2.28	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:13 AM	CM	22-02	Room 107	DF - Drinking Fountain	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	< 2.00	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:15 AM	CM	23-01	Room 105	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	5.46	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:16 AM	CM	23-02	Room 105	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	< 2.00	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:17 AM	CM	24-01	Room 105	DF - Drinking Fountain	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	3.03	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:18 AM	CM	24-02	Room 105	DF - Drinking Fountain	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	< 2.00	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:25 AM	CM	25-01	Room 211	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	64.3	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:26 AM	CM	25-02	Room 211	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	4.37	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:27 AM	CM	26-01	Room 211	DF - Drinking Fountain	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	31.0	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:28 AM	CM	26-02	Room 211	DF - Drinking Fountain	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	3.64	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:32 AM	CM	27-01	Upstairs Office	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	< 2.00	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:33 AM	CM	27-02	Upstairs Office	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	< 2.00	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:36 AM	CM	28-01	Room 209	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	71.7	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:37 AM	CM	28-02	Room 209	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	3.57	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:40 AM	CM	29-01	Room 208	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	8.79	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:41 AM	CM	29-02	Room 208	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	< 2.00	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:43 AM	CM	30-01	Room 206	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	6.08	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:44 AM	CM	30-02	Room 206	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	< 2.00	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:46 AM	CM	31-01	Room 207	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	3.94	2.00

32-046-1110-25-3003	0001	Main Building	8/10/17	6:47 AM	CM	31-02	Room 207	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	4.59	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:50 AM	CM	32-01	Room 205B	S - Sink	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	50.4	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:51 AM	CM	32-02	Room 205B	S - Sink	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	6.57	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:55 AM	CM	33-01	2nd Floor Hallway	DF - Drinking Fountain	8/9/2017	7:00 PM	First Draw	250	STAT Analysis	EPA 200.8	23.3	2.00
32-046-1110-25-3003	0001	Main Building	8/10/17	6:56 AM	CM	33-02	2nd Floor Hallway	DF - Drinking Fountain	8/9/2017	7:00 PM	Flush	250	STAT Analysis	EPA 200.8	25.1	2.00

Column Title	Description
ISBE ID	References the Region County District Type Schools (RCDS) number provided by schools on the Chain of Custody to the lab.
Building ID	A 4-digit numeric code established by the schools to designate the building being sampled. If only one building is present on-campus then it should be designated 0001. A second building, athletic center, would be designated 0002 and so forth for each additional building.
Building Description	A brief description of the building sampled. For example, concession stand.
Sample Date	The sample date should match the Chain of Custody and should follow month/day/year (MM/DD/YYYY).
Sample Time (12 HR Clock)	The sample time should match the Chain of Custody.
Collected By	The name or initials of the person who conducted the sampling.
Sample ID Number	This number is established by the person conducting the testing and should match the Sample Number on the Chain of Custody
Sample Location Description	This description is established by the person conducting the testing and should match Chain of Custody.
Fixture Type	The fixture type should be limited to the drop down menu. If "Other" is selected, a description of the fixture type should be referenced in the Notes of Column R.
Date of Last Use	The date should follow month/day/year format (MM/DD/YYYY).
Time of Last Use (12 HR Clock)	The time is used to verify that sampling comported with the mandated stagnation period of 8 to 18 hours.
Sample Type	The sample type should be limited to the drop down menu.
Sample Volume (mL)	First draw and flush samples should be collected in a sterile 250 milliliter (mL) container designated for the collection of potable water.
Laboratory Name	Testing should be conducted only at Illinois EPA-accredited laboratories.
Analytical Method	The analytical method should be limited to the drop down menu.
Concentration (ug/L)	Results are to be reported with three significant digits and units of ppb or microgram per liter (µg/L). For example, 5.12 ppb.
Reporting Limit (ug/L)	A minimum reporting limit of 2.00 ppb must be used.
Notes	Any additional relevant information.
Resources	<ul style="list-style-type: none"> •Lead in Water: http://www.dph.illinois.gov/topics-services/environmental-health-protection/lead-in-water • Public Act 99-0922: http://www.ilga.gov/legislation/publicacts/99/PDF/099-0922.pdf • US EPA testing methods: https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockkey=P100PHGZ.txt • IEPA Certified Labs: http://www.epa.illinois.gov/citizens/citizens-information/in-your-home/resources-on-lead/index • Sampling Guidance: http://dph.illinois.gov/sites/default/files/publications/sampling-drinking-water-guidance-021617.pdf