# KANKAKEE SCHOOL DISTRICT 111 LEAD IN DRINKING WATER TESTING LINCOLN CULTURAL CENTER

### **FACILITY ADDRESS:**

240 Warren 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



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

Lincoln Cultural Center 240 Warren Avenue Kankakee, Illinois 60901

PSI Project Number: 00473170

Dear Mr. Adamik:

In accordance with your request, Professional Service Industries, Inc. (PSI) Industrial Hygiene Technician Vlastimil Korec, 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 Lincoln Cultural Center, at 240 Warren 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 was collected in like fashion to the first. The samples were collected directly into laboratory-supplied 250 ml bottles containing a HNO<sub>3</sub> 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-three (23) 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** 

Lincoln Cultural Center August 9, 2017

Source Number	Sample Location	Draw Number	Lead (Pb) Analytical Result (ppb)
2	Classroom 106	2	5.17
3	North Hallway	2	11.7
4	South Hallway	1	9.94
4	South Hallway	2	16.9
10	Kitchen Sink #4	1	7.45
11	Lounge #205	1	6.63
18	Classroom 220	1	158
19	Classroom 222	1	32.1
20	Classroom 224 Sink #1	1	44.7
21	Classroom 224 Sink #2	1	5.14
21	Classroom 224 Sink #2	2	49.6
23	Classroom 226 Sink #2	1	9.19
23	Classroom 226 Sink #2	2	7.58
24	Classroom 225	1	77.5
24	Classroom 225	2	26.0
27	Classroom 221 Sink #1	1	45.4
28	Classroom 221 Sink #2	1	372
29	North Hallway	1	10.6
29	North Hallway	2	18.4

See Site Map in the Appendices for outlet locations



### TABLE 1.0 – NON-COMPLIANT SAMPLES

### Lincoln Cultural Center August 9, 2017

Source Number	Sample Location	Draw Number	Lead (Pb) Analytical Result (ppb)
31	Room 308	1	52.1
32	Room 310	1	14.6
32	Room 310	2	7.44
33	Room 312	1	34.8

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 seventeen (17) sampled outlets at Lincoln Cultural Center 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:
  - 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:
  - 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



### **TABLE 2.0 – SAMPLE SUMMARY**

### Lincoln Cultural Center August 9, 2017

Source Number	Sample Location	Source Type	Draw Number 1 Lead Result (ppb)	Draw Number 2 Lead Result (ppb)
1	Classroom 105	S	2.69	3.81
2	Classroom 106	S	<2.00	5.17
3	North Hallway	DF	2.27	11.7
4	South Hallway	DF	9.94	16.9
5	Kitchen in Classroom 116	S	2.28	<2.00
6	Teacher's Lounge	S	<2.00	<2.00
7	Kitchen Sink #1	S	<2.00	<2.00
8	Kitchen Sink #2	S	3.88	<2.00
9	Kitchen Sink #3	S	3.50	<2.00
10	Kitchen Sink #4	S	7.45	<2.00
11	Lounge #205	S	6.63	<2.00
12	North Corridor 2 <sup>nd</sup> Floor	DF	3.87	4.47
13	South Corridor 2 <sup>nd</sup> Floor	DF	2.04	<2.00
14	Office #210 - Kitchen	S	<2.00	<2.00
15	Room 217 Closet	S	3.50	<2.00
16	Principal Office	S	2.20	<2.00
17	Gym	DF	<2.00	<2.00
18	Classroom 220	S	158	2.32
19	Classroom 222	S	32.1	<2.00
20	Classroom 224 Sink #1	S	44.7	2.85
21	Classroom 224 Sink #2	S	5.14	49.6
22	Classroom 226 Sink #1	S	<2.00	<2.00
23	Classroom 226 Sink #2	S	9.19	7.58
24	Classroom 225	S	77.5	26.0
25	Hallway	DF	<2.00	<2.00
26	Classroom 223	S	4.20	<2.00
27	Classroom 221 Sink #1	S	45.4	<2.00
28	Classroom 222 Sink #2	S	372	<2.00
29	North Hallway	DF	10.6	18.4
30	South Hallway	DF	<2.00	<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**

### Lincoln Cultural Center August 9, 2017

Source Number	Sample Location	Source Type	Draw Number 1 Lead Result (ppb)	Draw Number 2 Lead Result (ppb)
31	Room 308	S	52.1	4.95
32	Room 310	S	14.6	7.44
33	Room 312	S	34.8	<2.00

Results in  ${\bf bold}$  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

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: 17080391 Revision 0

RE: 00473170, Lincoln Cultural Center, 240 Warren Ave, Kankakee

Dear Samantha Lodge:

STAT Analysis received 66 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

Martin Hum

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, Lincoln Cultural Center, 240 Warren Ave, Work Order Sample Summary

Work Order: 17080391 Revision 0

Lab Sample ID Client Sample ID	Tag Number	Collection Date	Date Received
17080391-001A 1-1		8/9/2017	8/10/2017
17080391-002A 1-2		8/9/2017	8/10/2017
17080391-003A 2-1		8/9/2017	8/10/2017
17080391-004A 2-2		8/9/2017	8/10/2017
17080391-005A 3-1		8/9/2017	8/10/2017
17080391-006A 3-2		8/9/2017	8/10/2017
17080391-007A 4-1		8/9/2017	8/10/2017
17080391-008A 4-2		8/9/2017	8/10/2017
17080391-009A 5-1		8/9/2017	8/10/2017
17080391-010A 5-2		8/9/2017	8/10/2017
17080391-011A 6-1		8/9/2017	8/10/2017
17080391-012A 6-2		8/9/2017	8/10/2017
17080391-013A7-1		8/9/2017	8/10/2017
17080391-014A7-2		8/9/2017	8/10/2017
17080391-015A 8-1		8/9/2017	8/10/2017
17080391-016A 8-2		8/9/2017	8/10/2017
17080391-017A 9-1		8/9/2017	8/10/2017
17080391-018A 9-2		8/9/2017	8/10/2017
17080391-019A 10-1		8/9/2017	8/10/2017
17080391-020A 10-2		8/9/2017	8/10/2017
17080391-021A11-1		8/9/2017	8/10/2017
17080391-022A 11-2		8/9/2017	8/10/2017
17080391-023A 12-1		8/9/2017	8/10/2017
17080391-024A 12-2		8/9/2017	8/10/2017
17080391-025A13-1		8/9/2017	8/10/2017
17080391-026A 13-2		8/9/2017	8/10/2017
17080391-027A 14-1		8/9/2017	8/10/2017
17080391-028A 14-2		8/9/2017	8/10/2017
17080391-029A 15-1		8/9/2017	8/10/2017
17080391-030A 15-2		8/9/2017	8/10/2017
17080391-031A 16-1		8/9/2017	8/10/2017
17080391-032A 16-2		8/9/2017	8/10/2017
17080391-033A 17-1		8/9/2017	8/10/2017
17080391-034A 17-2		8/9/2017	8/10/2017
17080391-035A 18-1		8/9/2017	8/10/2017
17080391-036A 18-2		8/9/2017	8/10/2017
17080391-037A 19-1		8/9/2017	8/10/2017
17080391-038A 19-2		8/9/2017	8/10/2017

Client: PSI

Project: 00473170, Lincoln Cultural Center, 240 Warren Ave, Work Order Sample Summary

Work Order: 17080391 Revision 0

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
17080391-039A	20-1		8/9/2017	8/10/2017
17080391-040A	20-2		8/9/2017	8/10/2017
17080391-041A	21-1		8/9/2017	8/10/2017
17080391-042A	21-2		8/9/2017	8/10/2017
17080391-043A	22-1		8/9/2017	8/10/2017
17080391-044A	22-2		8/9/2017	8/10/2017
17080391-045A	23-1		8/9/2017	8/10/2017
17080391-046A	23-2		8/9/2017	8/10/2017
17080391-047A	24-1		8/9/2017	8/10/2017
17080391-048A	24-2		8/9/2017	8/10/2017
17080391-049A	25-1		8/9/2017	8/10/2017
17080391-050A	25-2		8/9/2017	8/10/2017
17080391-051A	26-1		8/9/2017	8/10/2017
17080391-052A	26-2		8/9/2017	8/10/2017
17080391-053A	27-1		8/9/2017	8/10/2017
17080391-054A	27-2		8/9/2017	8/10/2017
17080391-055A	28-1		8/9/2017	8/10/2017
17080391-056A	28-2		8/9/2017	8/10/2017
17080391-057A	29-1		8/9/2017	8/10/2017
17080391-058A	29-2		8/9/2017	8/10/2017
17080391-059A	30-1		8/9/2017	8/10/2017
17080391-060A	30-2		8/9/2017	8/10/2017
17080391-061A	31-1		8/9/2017	8/10/2017
17080391-062A	31-2		8/9/2017	8/10/2017
17080391-063A	32-1		8/9/2017	8/10/2017
17080391-064A	32-2		8/9/2017	8/10/2017
17080391-065A	33-1		8/9/2017	8/10/2017
17080391-066A	33-2		8/9/2017	8/10/2017

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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: 17080391 Revision 0

**Project:** 00473170, Lincoln Cultural Center, 240 Warren Ave, Ka

Client ID	Additional Info	Sample ID	Matrix	Lead Result U	nits Qualifier	Analyst	Date Analyzed	Analytical Method
1-1		17080391-001A	Water	2.69 µg/	/L (ppb)	JG	08/14/2017	E200.8R5.4
1-2		17080391-002A	Water	3.81 µg/	L (ppb)	JG	08/14/2017	E200.8R5.4
2-1		17080391-003A	Water	$< 2.00 \mu g$	L (ppb)	JG	08/14/2017	E200.8R5.4
2-2		17080391-004A	Water	5.17 μg/	L (ppb)	JG	08/14/2017	E200.8R5.4
3-1		17080391-005A	Water	2.27 µg/	L (ppb)	JG	08/14/2017	E200.8R5.4
3-2		17080391-006A	Water	11.7 µg/	L (ppb)	JG	08/14/2017	E200.8R5.4
4-1		17080391-007A	Water	9.94 μg/	L (ppb)	JG	08/14/2017	E200.8R5.4
4-2		17080391-008A	Water	16.9 µg/	L (ppb)	JG	08/14/2017	E200.8R5.4
5-1		17080391-009A	Water	2.28 µg/	L (ppb)	JG	08/14/2017	E200.8R5.4
5-2		17080391-010A	Water	$< 2.00 \mu g$	L (ppb)	JG	08/14/2017	E200.8R5.4
6-1		17080391-011A	Water	$< 2.00 \mu g$	L (ppb)	JG	08/14/2017	E200.8R5.4
6-2		17080391-012A	Water	$< 2.00 \mu g$	L (ppb)	JG	08/14/2017	E200.8R5.4
7-1		17080391-013A	Water	$< 2.00 \mu g$	L (ppb)	JG	08/14/2017	E200.8R5.4
7-2		17080391-014A	Water	$< 2.00 \mu g$	/L (ppb)	JG	08/14/2017	E200.8R5.4
8-1		17080391-015A	Water	3.88 µg/	L (ppb)	JG	08/15/2017	E200.8R5.4
8-2		17080391-016A	Water	$< 2.00 \mu g/$	L (ppb)	JG	08/15/2017	E200.8R5.4
9-1		17080391-017A	Water	3.50 µg/	L (ppb)	JG	08/15/2017	E200.8R5.4
9-2		17080391-018A	Water	$< 2.00 \mu g$	L (ppb)	JG	08/15/2017	E200.8R5.4
10-1		17080391-019A	Water	7.45 μg/	L (ppb)	JG	08/15/2017	E200.8R5.4
10-2		17080391-020A	Water	$< 2.00 \mu g/$	L (ppb)	JG	08/15/2017	E200.8R5.4
11-1		17080391-021A	Water	6.63 µg/	/L (ppb)	JG	08/15/2017	E200.8R5.4
11-2		17080391-022A	Water	$< 2.00 \mu g/$	L (ppb)	JG	08/15/2017	E200.8R5.4
12-1		17080391-023A	Water	3.87 µg/	L (ppb)	JG	08/15/2017	E200.8R5.4
12-2		17080391-024A	Water	4.47 μg/	L (ppb)	JG	08/15/2017	E200.8R5.4
13-1		17080391-025A	Water	2.04 µg/	L (ppb)	JG	08/15/2017	E200.8R5.4
13-2		17080391-026A	Water	$< 2.00 \mu g$	/L (ppb)	JG	08/15/2017	E200.8R5.4
14-1		17080391-027A	Water	$< 2.00 \mu g$	/L (ppb)	JG	08/15/2017	E200.8R5.4
14-2		17080391-028A	Water	$< 2.00 \mu g/$	L (ppb)	JG	08/15/2017	E200.8R5.4
15-1		17080391-029A	Water	3.50 µg/	L (ppb)	JG	08/15/2017	E200.8R5.4

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

<sup>\* -</sup> Non-accredited parameter

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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: 17080391 Revision 0

**Project:** 00473170, Lincoln Cultural Center, 240 Warren Ave, Ka

Client ID	Additional Info	Sample ID	Matrix	Lead Result	t Units Qualifier	Analyst	Date Analyzed	Analytical Method
15-2		17080391-030A	Water	< 2.00	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
16-1		17080391-031A	Water	2.20	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
16-2		17080391-032A	Water	< 2.00	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
17-1		17080391-033A	Water	< 2.00	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
17-2		17080391-034A	Water	< 2.00	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
18-1		17080391-035A	Water	158	μg/L (ppb)	MDT	08/17/2017	E200.8R5.4
18-2		17080391-036A	Water	2.32	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
19-1		17080391-037A	Water	32.1	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
19-2		17080391-038A	Water	< 2.00	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
20-1		17080391-039A	Water	44.7	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
20-2		17080391-040A	Water	2.85	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
21-1		17080391-041A	Water	5.14	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
21-2		17080391-042A	Water	49.6	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
22-1		17080391-043A	Water	< 2.00	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
22-2		17080391-044A	Water	< 2.00	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
23-1		17080391-045A	Water	9.19	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
23-2		17080391-046A	Water	7.58	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
24-1		17080391-047A	Water	77.5	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
24-2		17080391-048A	Water	26.0	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
25-1		17080391-049A	Water	< 2.00	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
25-2		17080391-050A	Water	< 2.00	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
26-1		17080391-051A	Water	4.20	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
26-2		17080391-052A	Water	< 2.00	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
27-1		17080391-053A	Water	45.4	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
27-2		17080391-054A	Water	< 2.00	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
28-1		17080391-055A	Water	372	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
28-2		17080391-056A	Water	4.86	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
29-1		17080391-057A	Water	10.6	μg/L (ppb)	JG	08/15/2017	E200.8R5.4
29-2		17080391-058A	Water	18.4	μg/L (ppb)	JG	08/15/2017	E200.8R5.4

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

<sup>\* -</sup> Non-accredited parameter

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: 17080391 Revision 0

**Project:** 00473170, Lincoln Cultural Center, 240 Warren Ave, Ka

Client ID	Additional Info	Sample ID	Matrix	Lead Result Units Qualif	ier Analyst	Date Analyzed	Analytical Method
30-1		17080391-059A	Water	< 2.00 μg/L (ppb)	JG	08/15/2017	E200.8R5.4
30-2		17080391-060A	Water	$< 2.00  \mu g/L \text{ (ppb)}$	JG	08/15/2017	E200.8R5.4
31-1		17080391-061A	Water	52.1 μg/L (ppb)	JG	08/15/2017	E200.8R5.4
31-2		17080391-062A	Water	4.95 μg/L (ppb)	JG	08/15/2017	E200.8R5.4
32-1		17080391-063A	Water	14.6 μg/L (ppb)	JG	08/15/2017	E200.8R5.4
32-2		17080391-064A	Water	7.44 μg/L (ppb)	JG	08/15/2017	E200.8R5.4
33-1		17080391-065A	Water	34.8 μg/L (ppb)	JG	08/15/2017	E200.8R5.4
33-2		17080391-066A	Water	$< 2.00  \mu g/L \text{ (ppb)}$	JG	08/15/2017	E200.8R5.4

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

<sup>\* -</sup> Non-accredited parameter

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2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: STATinfo@STATAnalysis.com

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e-mail address: STATinfo@STATAnalysis.com

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Analysis Corporation

2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

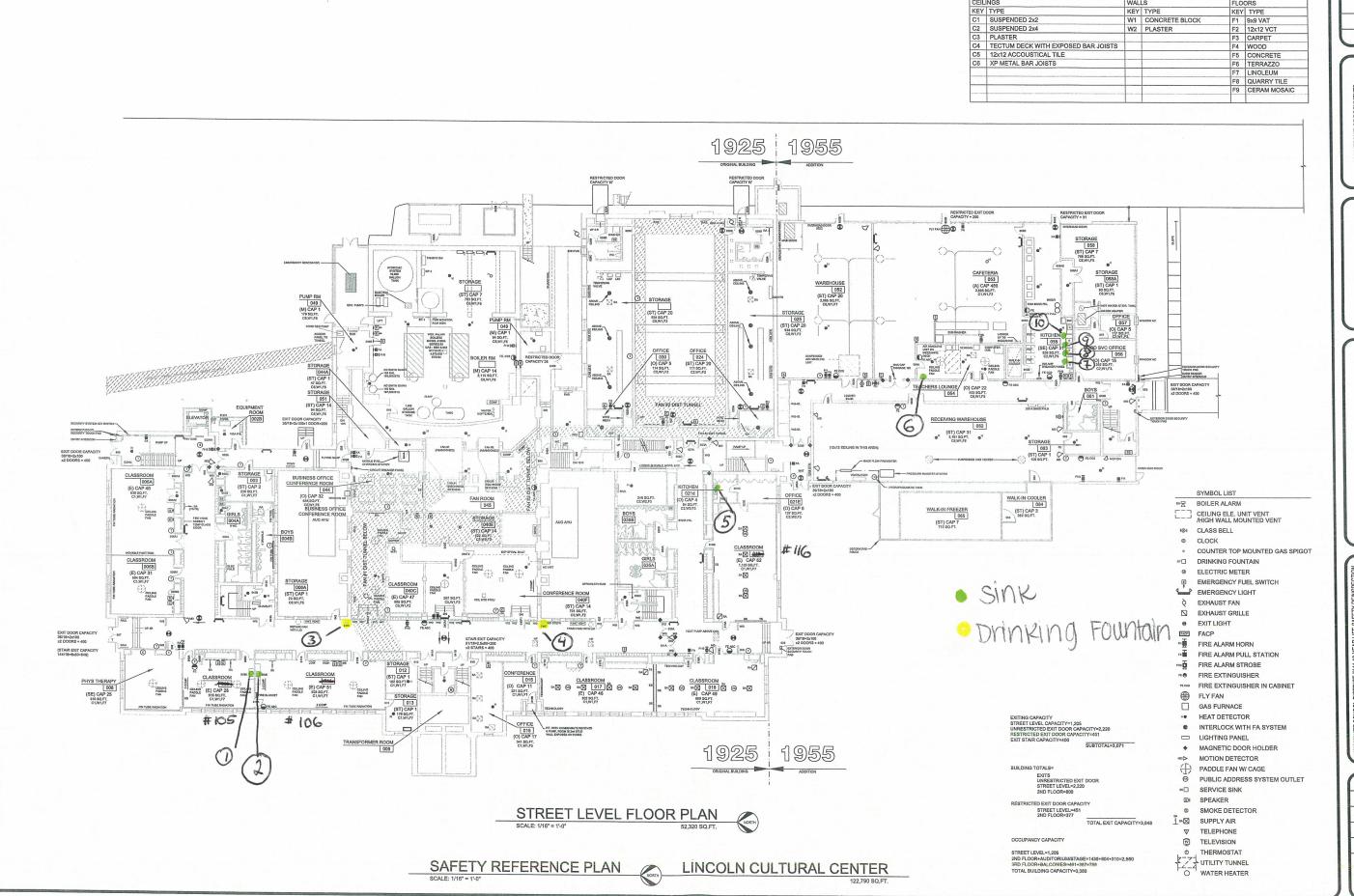
e-mail address: STATinfo@STATAnalysis.com

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Comments:									

### Sample Receipt Checklist

Client Name PSI		Date and Tim	e Received:	8/10/2017 5:25:00 PM
Work Order Number 17080391		Received by:	JNW	
Checklist completed by: Martin June 8/10/1	7	Reviewed by:	Jelle Initials	Clu/17 Date
Matrix: Carrier name STA	AT Analysis			
Shipping container/cooler in good condition? Yes	s <b>V</b>	No 🗌	Not Present	
Custody seals intact on shippping container/cooler?	s 🗌	No 🗌	Not Present	✓
Custody seals intact on sample bottles?	s 🗆	No 🗌	Not Present	<b>✓</b>
Chain of custody present? Yes	s <b>V</b>	No 🗌		
Chain of custody signed when relinquished and received?	s 🔲	No 🗹		
Chain of custody agrees with sample labels/containers? Yes	<b>•</b>	No 🗌		
Samples in proper container/bottle?	<b>•</b>	No 🗌		
Sample containers intact?	<b>•</b>	No 🗌		
Sufficient sample volume for indicated test?	<b>·</b>	No 🗌		
All samples received within holding time?	· 🗸	No 🗌		
Container or Temp Blank temperature in compliance?	· 🗸	No 🗌	Tempera	ature Ambient °C
Water - VOA vials have zero headspace? No VOA vials submitted	***	Yes	No 🗏	
Water - Samples pH checked? Yes	; <b>~</b>	No 🗌	Checked by:	MK
Water - Samples properly preserved? Yes		No 🗌	pH Adjusted?	No
Any No response must be detailed in the comments section below.				
Comments: Chain of custody was not si	igned u	hen re	linguīshe.	<i>l</i> ,
Client / Person contacted:  Response:		Contac	eted by:	

# APPENDIX B: SAMPLE LOCATION DRAWINGS



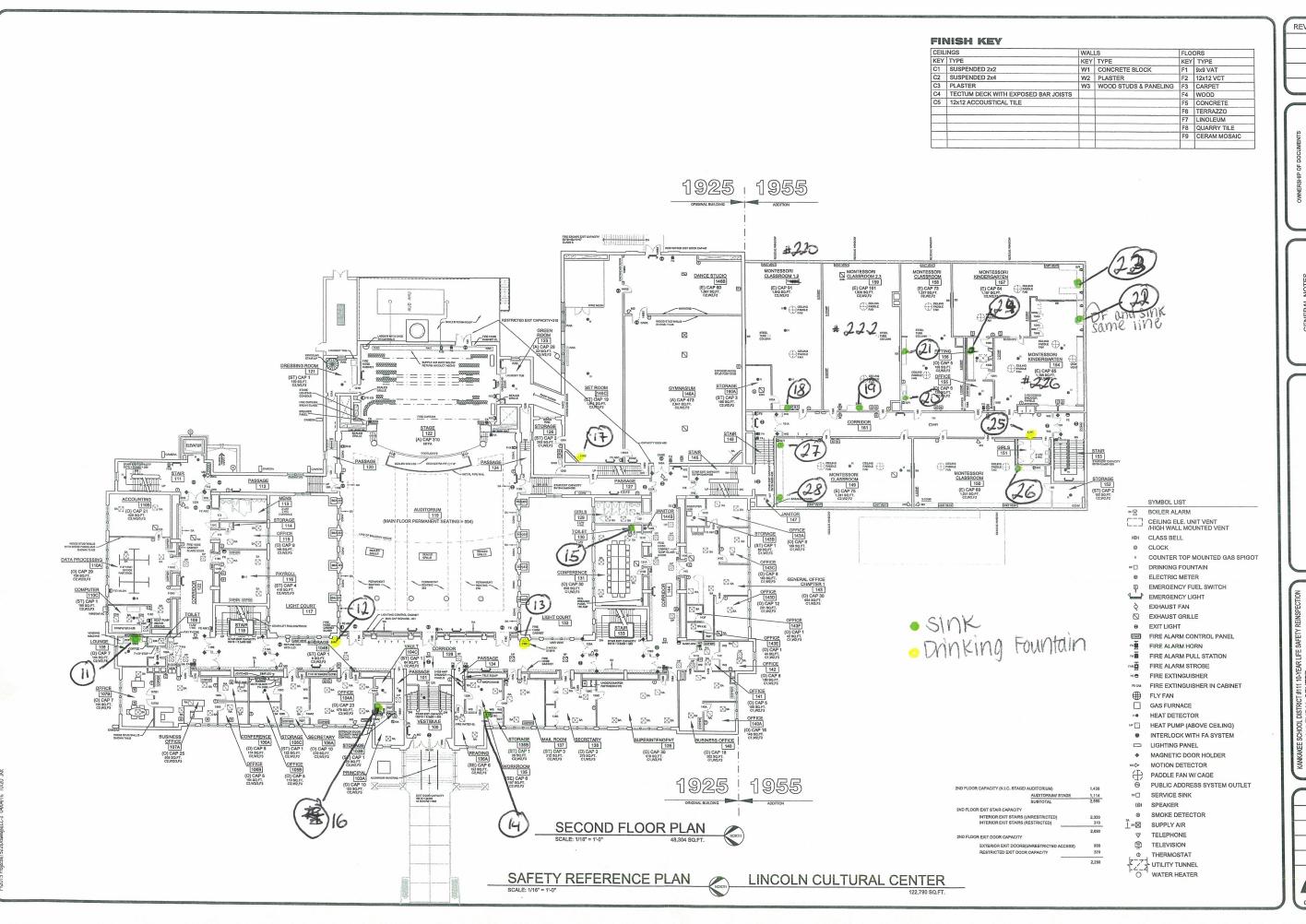
REVISIONS

FINISH KEY CEILINGS

Office (815) 933-8073
Fax (815) 933-2516
187 South Schuyfer Avenue
Kankaltee Illnois 60901
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DRAWN JKR CHECKED SCALE AS INDICATED JOB NUMBER 1522

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MENSIONS ONLY.

SIBLE FOR VERIFYING

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DO NOT SCALE DRAWINGS, LUSE DIMENSIONS ON CONTRACTOR SHALL BE RESPONSIBLE FOR VER ALL DIMENSIONS INFORMATION HEREON IS CONFIDENTIAL.

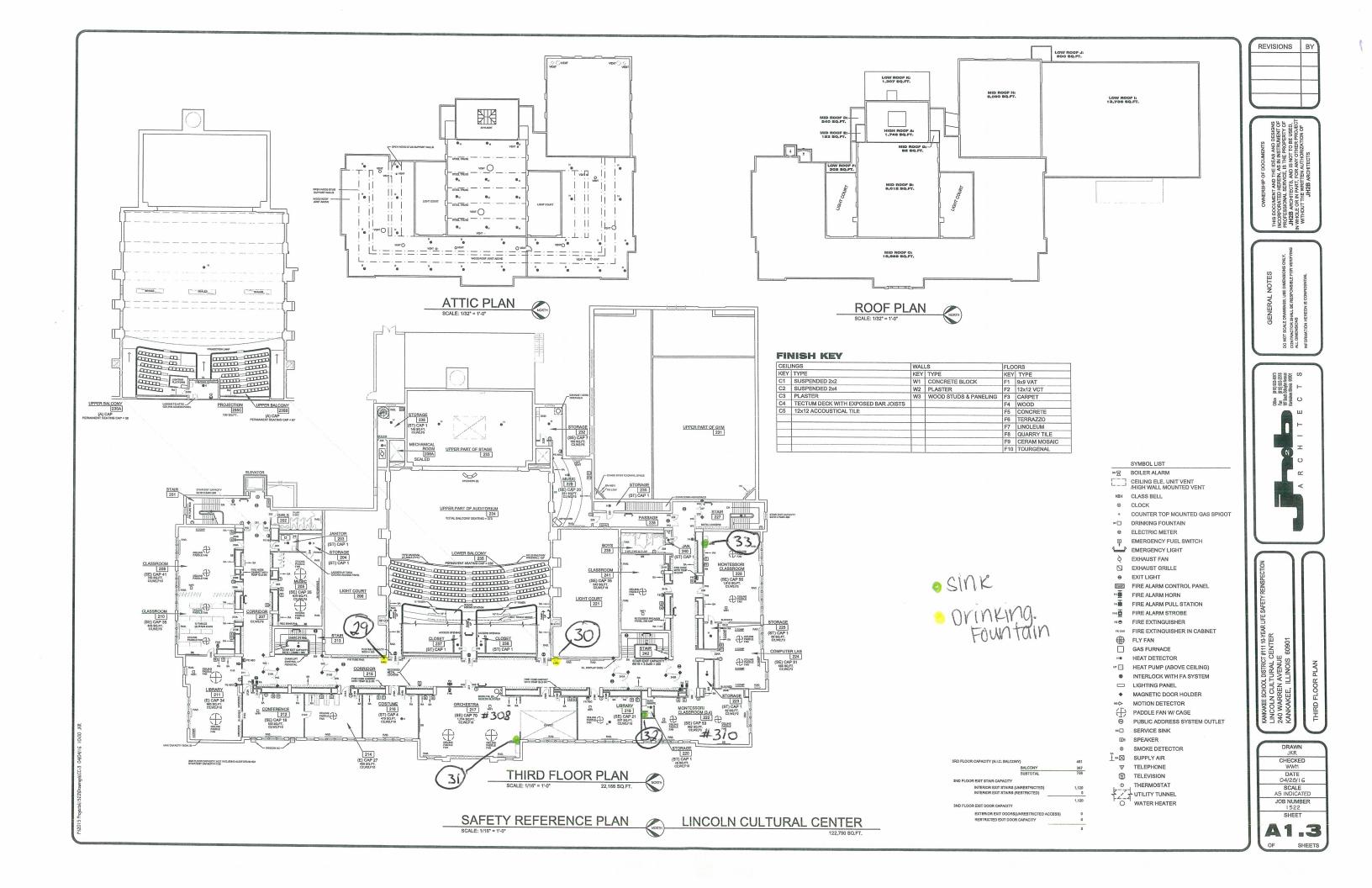
Office (1915) 153-1675 Fr. (1915) 153-1675 Fr.

#111 10 YEAR LIFE SAFETY REINSPECTION
CENTER
E 60901

KANAKE SCHOOL DISTRICT #11 10-LINCOLN CULTURAL CENTE 240 WARREN AVENUE KANKAKEE, ILLINOIS 60901

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## 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

Accreditation Officer

John D. South

Environmental Laboratory Accreditation Program

Certificate No.:

004082

('elaste M'sonley

Expiration Date:

09/30/2017

Issued On:

02/23/2017

John South

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)
32-046-1110-25-2013	0001	Main Building	8/9/17	5:07 AM	VK	01-01	Classroom 105	S - Sink	8/8/2017	9:00 PM	First Draw	250	STAT Analysi	s EPA 200.8	2.69	
32-046-1110-25-2013	0001	Main Building	8/9/17	5:08 AM	VK	01-02	Classroom 105	S - Sink	8/8/2017	9:00 PM	Flush	250	STAT Analysi	s EPA 200.8	3.81	2.00
32-046-1110-25-2013	0001	Main Building	8/9/17	5:10 AM	VK	02-01	Classroom 106	S - Sink	8/8/2017	9:00 PM	First Draw			s EPA 200.8	< 2.00	
32-046-1110-25-2013	0001	Main Building	8/9/17	5:11 AM	VK	02-02	Classroom 106	S - Sink	8/8/2017	9:00 PM	Flush	250	- 1		5.17	
32-046-1110-25-2013	0001	Main Building	8/9/17	5:14 AM	VK	03-01	Hallway North	DF - Drinking Fountain	8/8/2017	9:00 PM	First Draw				2.27	
32-046-1110-25-2013 32-046-1110-25-2013	0001 0001	Main Building Main Building	8/9/17 8/9/17	5:15 AM 5:18 AM	VK VK	03-02 04-01	Hallway North Hallway South	DF - Drinking Fountain DF - Drinking Fountain	8/8/2017 8/8/2017	9:00 PM 9:00 PM	Flush First Draw				11.7 9.94	
32-046-1110-25-2013	0001	Main Building	8/9/17	5:19 AM	VK	04-01	Hallway South	DF - Drinking Fountain	8/8/2017	9:00 PM	Flush	250			16.9	
32-046-1110-25-2013	0001	Main Building	8/9/17	5:23 AM	VK	05-01	Kitchen in Classroom 116	S - Sink	8/8/2017	9:00 PM	First Draw				2.28	
32-046-1110-25-2013	0001	Main Building	8/9/17	5:24 AM	VK	05-02	Kitchen in Classroom 116	S - Sink	8/8/2017	9:00 PM	Flush	250			< 2.00	
32-046-1110-25-2013	0001	Main Building	8/9/17	5:27 AM	VK	06-01	Teacher's Lounge	S - Sink	8/8/2017	9:00 PM	First Draw	250	STAT Analysi	s EPA 200.8	< 2.00	2.00
32-046-1110-25-2013	0001	Main Building	8/9/17	5:28 AM	VK	06-02	Teacher's Lounge	S - Sink	8/8/2017	9:00 PM	Flush	250		s EPA 200.8	< 2.00	
32-046-1110-25-2013	0001	Main Building	8/9/17	5:36 AM	VK	07-01	Kitchen Sink #1	S - Sink	8/8/2017	9:00 PM	First Draw				< 2.00	
32-046-1110-25-2013	0001	Main Building	8/9/17	5:37 AM	VK		Kitchen Sink #1	S - Sink	8/8/2017	9:00 PM	Flush				< 2.00	
32-046-1110-25-2013	0001 0001	Main Building	8/9/17	5:38 AM 5:39 AM	VK	08-01 08-02	Kitchen Sink #2	S - Sink	8/8/2017 8/8/2017	9:00 PM	First Draw		STAT Analysi		3.88	
32-046-1110-25-2013 32-046-1110-25-2013	0001	Main Building Main Building	8/9/17 8/9/17	5:39 AM 5:40 AM	VK VK	08-02	Kitchen Sink #2 Kitchen Sink #3	S - Sink S - Sink	8/8/2017	9:00 PM 9:00 PM	Flush First Draw				< 2.00 3.50	
32-046-1110-25-2013	0001	Main Building	8/9/17	5:41 AM	VK	09-01	Kitchen Sink #3	S - Sink	8/8/2017	9:00 PM	Flush	250			< 2.00	
32-046-1110-25-2013	0001	Main Building	8/9/17	5:43 AM	VK	10-01	Kitchen Sink #4	S - Sink	8/8/2017	9:00 PM	First Draw				7.45	
32-046-1110-25-2013	0001	Main Building	8/9/17	5:44 AM	VK	10-02	Kitchen Sink #4	S - Sink	8/8/2017	9:00 PM	Flush	250			< 2.00	
32-046-1110-25-2013	0001	Main Building	8/9/17	5:57 AM	VK	11-01	Lounge #205	S - Sink	8/8/2017	9:00 PM	First Draw	250	STAT Analysi	s EPA 200.8	6.63	3 2.00
32-046-1110-25-2013	0001	Main Building	8/9/17	5:58 AM	VK	11-02	Lounge #205	S - Sink	8/8/2017	9:00 PM	Flush	250	STAT Analysi	s EPA 200.8	< 2.00	2.00
32-046-1110-25-2013	0001	Main Building	8/9/17	6:03 AM	VK	12-01	North Corridor 2nd Floor	DF - Drinking Fountain	8/8/2017	9:00 PM	First Draw				3.87	
32-046-1110-25-2013	0001	Main Building	8/9/17	6:04 AM	VK	12-02	North Corridor 2nd Floor	DF - Drinking Fountain	8/8/2017	9:00 PM	Flush				4.47	
32-046-1110-25-2013	0001	Main Building	8/9/17	6:07 AM	VK	13-01	South Corridor 2nd Floor	DF - Drinking Fountain	8/8/2017	9:00 PM	First Draw				2.04	
32-046-1110-25-2013 32-046-1110-25-2013	0001	Main Building Main Building	8/9/17 8/9/17	6:08 AM 6:10 AM	VK VK	13-02 14-01	South Corridor 2nd Floor Office 210 Kitchen	DF - Drinking Fountain S - Sink	8/8/2017 8/8/2017	9:00 PM 9:00 PM	Flush First Draw	250 250			< 2.00 < 2.00	
32-046-1110-25-2013	0001 0001	Main Building	8/9/17	6:10 AM	VK	14-01	Office 210 Kitchen	S - Sink	8/8/2017	9:00 PM	First Draw	250			< 2.00	
32-046-1110-25-2013	0001	Main Building	8/9/17	6:17 AM	VK	15-01	Room 217 Closet	S - Sink	8/8/2017	9:00 PM	First Draw				3.50	
32-046-1110-25-2013	0001	Main Building	8/9/17	6:18 AM	VK		Room 217 Closet	S - Sink	8/8/2017	9:00 PM	Flush				< 2.00	
32-046-1110-25-2013	0001	Main Building	8/9/17	6:25 AM	VK	16-01	Principal Office	S - Sink	8/8/2017	9:00 PM	First Draw	250	STAT Analysi	s EPA 200.8	2.20	2.00
32-046-1110-25-2013	0001	Main Building	8/9/17	6:26 AM	VK	16-02	Principal Office	S - Sink	8/8/2017	9:00 PM	Flush	250	STAT Analysi	s EPA 200.8	< 2.00	2.00
32-046-1110-25-2013	0001	Main Building	8/9/17	6:36 AM	VK	17-01	Gym	DF - Drinking Fountain	8/8/2017	9:00 PM	First Draw				< 2.00	
32-046-1110-25-2013	0001	Main Building	8/9/17	6:37 AM	VK	17-02	Gym	DF - Drinking Fountain	8/8/2017	9:00 PM	Flush	250			< 2.00	
32-046-1110-25-2013	0001	Main Building	8/9/17	6:41 AM	VK	18-01	Classroom 220	S - Sink	8/8/2017	9:00 PM	First Draw				158	
32-046-1110-25-2013 32-046-1110-25-2013	0001 0001	Main Building Main Building	8/9/17 8/9/17	6:42 AM 6:45 AM	VK VK	18-02 19-01	Classroom 220 Classroom 222	S - Sink S - Sink	8/8/2017 8/8/2017	9:00 PM 9:00 PM	Flush First Draw	250 250			2.32	
32-046-1110-25-2013	0001	Main Building	8/9/17	6:46 AM	VK	19-01	Classroom 222	S - Sink	8/8/2017	9:00 PM	Flush				< 2.00	
32-046-1110-25-2013	0001	Main Building	8/9/17	6:49 AM	VK	20-01	Classroom 224 Sink #1	S - Sink	8/8/2017	9:00 PM	First Draw				44.7	
32-046-1110-25-2013	0001	Main Building	8/9/17	6:50 AM	VK	20-02	Classroom 224 Sink #1	S - Sink	8/8/2017	9:00 PM	Flush				2.85	
32-046-1110-25-2013	0001	Main Building	8/9/17	6:51 AM	VK	21-01	Classroom 224 Sink #2	S - Sink	8/8/2017	9:00 PM	First Draw	250	STAT Analysi	s EPA 200.8	5.14	2.00
32-046-1110-25-2013	0001	Main Building	8/9/17	6:52 AM	VK	21-02	Classroom 224 Sink #2	S - Sink	8/8/2017	9:00 PM	Flush	250	STAT Analysi	s EPA 200.8	49.6	2.00
32-046-1110-25-2013	0001	Main Building	8/9/17	6:56 AM	VK	22-01	Classroom 226 Sink #1	S - Sink	8/8/2017	9:00 PM	First Draw				< 2.00	
32-046-1110-25-2013	0001	Main Building	8/9/17	6:57 AM	VK	22-02	Classroom 226 Sink #1	S - Sink	8/8/2017	9:00 PM	Flush	250			< 2.00	
32-046-1110-25-2013	0001	Main Building	8/9/17	6:58 AM 6:59 AM	VK VK	23-01	Classroom 226 Sink #2 Classroom 226 Sink #2	S - Sink	8/8/2017	9:00 PM	First Draw				9.19 7.58	
32-046-1110-25-2013 32-046-1110-25-2013	0001 0001	Main Building Main Building	8/9/17 8/9/17	6:59 AM 7:04 AM	VK VK	23-02 24-01	Classroom 226 Sink #2 Classroom 225	S - Sink S - Sink	8/8/2017 8/8/2017	9:00 PM 9:00 PM	Flush First Draw	250 250			7.58	
32-046-1110-25-2013	0001	Main Building	8/9/17	7:05 AM	VK	24-01	Classroom 225	S - Sink	8/8/2017	9:00 PM	Flush		STAT Analysi		26.0	
32-046-1110-25-2013	0001	Main Building	8/9/17		VK		Hallway	DF - Drinking Fountain	8/8/2017	9:00 PM	First Draw				< 2.00	
32-046-1110-25-2013	0001	Main Building	8/9/17		VK		Hallway	DF - Drinking Fountain	8/8/2017	9:00 PM	Flush	250	STAT Analysi	s EPA 200.8	< 2.00	
32-046-1110-25-2013	0001	Main Building	8/9/17	7:15 AM	VK		Classroom 223	S - Sink	8/8/2017	9:00 PM	First Draw				4.20	
32-046-1110-25-2013	0001	Main Building	8/9/17		VK		Classroom 223	S - Sink	8/8/2017	9:00 PM	Flush				< 2.00	
32-046-1110-25-2013	0001	Main Building	8/9/17		VK			S - Sink	8/8/2017	9:00 PM	First Draw				45.4	
32-046-1110-25-2013	0001	Main Building	8/9/17		VK		Classroom 221 Sink #1	S - Sink	8/8/2017	9:00 PM	Flush				< 2.00	
32-046-1110-25-2013 32-046-1110-25-2013	0001 0001	Main Building Main Building	8/9/17 8/9/17		VK VK		Classroom 221 Sink #2 Classroom 221 Sink #2	S - Sink S - Sink	8/8/2017 8/8/2017	9:00 PM 9:00 PM	First Draw Flush				372 4.86	
32-046-1110-25-2013	0001	Main Building	8/9/17		VK		North Hallway	DF - Drinking Fountain	8/8/2017	9:00 PM	First Draw				10.6	
32-046-1110-25-2013	0001	Main Building	8/9/17		VK		, i	DF - Drinking Fountain	8/8/2017	9:00 PM	Flush				18.4	
32-046-1110-25-2013	0001	Main Building	8/9/17		VK		·	DF - Drinking Fountain	8/8/2017	9:00 PM	First Draw				< 2.00	
32-046-1110-25-2013	0001	Main Building	8/9/17	7:41 AM	VK	30-02	South Hallway	DF - Drinking Fountain	8/8/2017	9:00 PM	Flush			s EPA 200.8	< 2.00	
32-046-1110-25-2013	0001	Main Building	8/9/17		VK		Room 308	S - Sink	8/8/2017	9:00 PM	First Draw			s EPA 200.8	52.1	
32-046-1110-25-2013	0001	Main Building	8/9/17		VK		Room 308	S - Sink	8/8/2017	9:00 PM	Flush				4.95	
32-046-1110-25-2013	0001	Main Building	8/9/17		VK			S - Sink	8/8/2017	9:00 PM	First Draw				14.6	
32-046-1110-25-2013	0001	Main Building	8/9/17		VK		Room 310	S - Sink	8/8/2017	9:00 PM	Flush				7.44	
32-046-1110-25-2013	0001	Main Building	8/9/17		VK			S - Sink	8/8/2017	9:00 PM	First Draw		· · · · · · · · · · · · · · · · · · ·		34.8	
32-046-1110-25-2013	0001	Main Building	8/9/17	7:55 AM	VK	33-02	Room 312	S - Sink	8/8/2017	9:00 PM	Flush	250	STAT Analysi	s EPA 200.8	< 2.00	2.00

Column Title	Description
ISBE ID	References the Region County District Type Schools (RCDTS) number provided by schools on the Chain of Custody to the lab.
	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 is present on-campus then it should be designated 0001.
Building ID	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.
	•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
Resources	• US EPA testing methods: https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=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