



4421 West Harrison Street  
Hillside, Illinois 60162  
phone: 708.236.0720  
fax: 708.236.0721  
intertek.com/building

June 26, 2017  
(Revised August 9, 2017)

Mr. Michael Vilendrer  
Director of Operations  
Community Consolidated School District 62  
525 South River Road  
Des Plaines, Illinois 60016

RE: Water Sampling for Lead Content  
Algonquin Junior High School  
767 Algonquin Road  
Des Plaines, Illinois 60016  
PSI Project Number: 00473108

Dear Mr. Vilendrer:

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 School District 62 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 May 25, 2017 by Community Consolidated School District 62, by a signed copy of PSI Proposal No. 0047-208550.

### **SCOPE**

PSI understands that sixty (60) high priority potable water sources are to be sampled in total from Algonquin Junior High School, at 767 Algonquin Road, in Des Plaines, 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 that were designated by Community Consolidated School District 62 on sample location maps provided to PSI. The total number of samples collected and the sample locations were determined by the Community Consolidated School District 62.

### **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. Ten (10) of the one hundred twenty (120) samples collected at this facility exceeded the Illinois State notification level for lead-in-drinking water.

**TABLE 1.0 – NON-COMPLIANT SAMPLES**  
**Algonquin Junior High School**  
**May 31, 2017**

<b>Source Number</b>	<b>Sample Location</b>	<b>Draw Number</b>	<b>Lead (Pb) Analytical Result (ppb)</b>
14	Room 156	1	70.5
16	Room 156	2	33.1
20	Room 158	1	74.3
21	Room 158	2	19.9
23	Room 157	2	5.87
24	Room 155	1	22.6
27	Room 153	1	57.2
27	Room 153	2	7.96
32	Room 134	1	5.13
32	Room 134	2	5.86

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 eight (8) outlets sampled at Algonquin Junior High 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.

## **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.

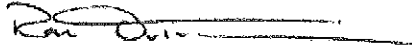
The water quality sampling and analysis has been developed to provide the client with information regarding select parameter concentrations in the water samples collected at the subject property. It is necessarily limited to the conditions observed and to the information available at the time of the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

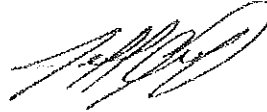
This report for the above referenced property represents the product of PSI's professional expertise and judgment in the environmental and industrial hygiene consulting industry. This report is certified to, can be relied upon by, and has been prepared for the exclusive use of the client.

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



Joseph L. Kuchnicki, CIE, CHMM  
Principal-in-Charge, IH Services

## TABLE 2.0 – SAMPLE SUMMARY

Algonquin Junior High School

May 31, 2017

Source Number	Sample Location	Source Type	Draw Number 1 Lead Result (ppb)	Draw Number 2 Lead Result (ppb)
1	Kitchen	S	<2.00	<2.00
2	Kitchen	S	<2.00	<2.00
3	Kitchen	S	<2.00	<2.00
4	Kitchen	S	<2.00	<2.00
5	Kitchen	S	2.65	<2.00
6	Kitchen	S	<2.00	<2.00
7	Kitchen	S	<2.00	<2.00
8	Room 137	S	3.53	2.80
9	Room 141	S	2.30	3.98
10	Room 141	DF	3.24	3.73
11	Room 152	S	<2.00	<2.00
12	Room 152	S	2.01	<2.00
13	Room 154	S	<2.00	<2.00
<b>14</b>	<b>Room 156</b>	<b>S</b>	<b>70.5</b>	4.48
15	Room 156	S	4.51	3.05
<b>16</b>	<b>Room 156</b>	<b>S</b>	2.63	<b>33.1</b>
17	Outside Room 156	DF	<2.00	<2.00
18	Outside Room 158	DF	<2.00	<2.00
19	Room 158	S	<2.00	<2.00
<b>20</b>	<b>Room 158</b>	<b>S</b>	<b>74.3</b>	2.24
<b>21</b>	<b>Room 158</b>	<b>S</b>	<2.00	<b>19.9</b>
22	Room 157	S	<2.00	<2.00
<b>23</b>	<b>Room 157</b>	<b>S</b>	<2.00	<b>5.87</b>
<b>24</b>	<b>Room 155</b>	<b>S</b>	<b>22.6</b>	4.41
25	Room 153	S	3.00	<2.00
26	Room 153	S	<2.00	2.20
<b>27</b>	<b>Room 153</b>	<b>S</b>	<b>57.2</b>	<b>7.96</b>
28	Staff Workroom	S	<2.00	2.19
29	Room 134	S	<2.00	<2.00
30	Room 134	S	<2.00	2.10

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

Algonquin Junior High School  
May 31, 2017

Source Number	Sample Location	Source Type	Draw Number 1 Lead Result (ppb)	Draw Number 2 Lead Result (ppb)
31	Room 134	S	3.26	2.91
<b>32</b>	<b>Room 134</b>	<b>S</b>	<b>5.13</b>	<b>5.86</b>
33	Room 134	S	4.23	2.91
34	Outside Room 128	DF	<2.00	<2.00
35	Outside Room 128	DF	<2.00	<2.00
36	Outside Room 128	DF	<2.00	<2.00
37	Cafeteria	S	<2.00	<2.00
38	Cafeteria	S	<2.00	<2.00
39	Cafeteria	S	<2.00	<2.00
40	Cafeteria	S	<2.00	<2.00
41	Cafeteria	S	<2.00	<2.00
42	Cafeteria	S	<2.00	<2.00
43	Cafeteria	DF	<2.00	<2.00
44	Cafeteria	DF	<2.00	<2.00
45	Nurses Room	S	<2.00	<2.00
46	Outside Nurses Room	DF	<2.00	<2.00
47	Outside Nurses Room	DF	<2.00	<2.00
48	Outside Room 224	DF	<2.00	<2.00
49	Outside Room 224	DF	<2.00	<2.00
50	Outside Room 224	DF	<2.00	<2.00
51	Room 226	S	2.60	<2.00
52	Near Gym Locker Rooms	DF	<2.00	<2.00
53	Near Gym Locker Rooms	DF	<2.00	<2.00
54	Near Gym Locker Rooms	DF	<2.00	<2.00
55	Near Gym Locker Rooms	DF	<2.00	<2.00
56	Outside Room 319	DF	<2.00	<2.00
57	Outside Room 319	DF	<2.00	<2.00
58	Outside Room 316	DF	<2.00	<2.00
59	Outside Room 316	DF	<2.00	<2.00
60	Outside Room 316	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

**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

June 08, 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: 17051055 Revision 0

RE: 00473108, Des Plaines School District 62, Algonquin Junior High School

Dear Samantha Lodge:

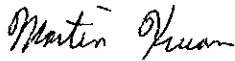
STAT Analysis received 120 samples for the referenced project on 5/31/2017 12:07:00 PM. The analytical results are presented in the following report.

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.*



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**Client:** PSI  
**Project:** 00473108, Des Plaines School District 62, Algonquin  
**Work Order:** 17051055 Revision 0

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**Work Order Sample Summary**

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Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
17051055-001A 1-1			5/31/2017	5/31/2017
17051055-002A 1-2			5/31/2017	5/31/2017
17051055-003A 2-1			5/31/2017	5/31/2017
17051055-004A 2-2			5/31/2017	5/31/2017
17051055-005A 3-1			5/31/2017	5/31/2017
17051055-006A 3-2			5/31/2017	5/31/2017
17051055-007A 4-1			5/31/2017	5/31/2017
17051055-008A 4-2			5/31/2017	5/31/2017
17051055-009A 5-1			5/31/2017	5/31/2017
17051055-010A 5-2			5/31/2017	5/31/2017
17051055-011A 6-1			5/31/2017	5/31/2017
17051055-012A 6-2			5/31/2017	5/31/2017
17051055-013A 7-1			5/31/2017	5/31/2017
17051055-014A 7-2			5/31/2017	5/31/2017
17051055-015A 8-1			5/31/2017	5/31/2017
17051055-016A 8-2			5/31/2017	5/31/2017
17051055-017A 9-1			5/31/2017	5/31/2017
17051055-018A 9-2			5/31/2017	5/31/2017
17051055-019A 10-1			5/31/2017	5/31/2017
17051055-020A 10-2			5/31/2017	5/31/2017
17051055-021A 11-1			5/31/2017	5/31/2017
17051055-022A 11-2			5/31/2017	5/31/2017
17051055-023A 12-1			5/31/2017	5/31/2017
17051055-024A 12-2			5/31/2017	5/31/2017
17051055-025A 13-1			5/31/2017	5/31/2017
17051055-026A 13-2			5/31/2017	5/31/2017
17051055-027A 14-1			5/31/2017	5/31/2017
17051055-028A 14-2			5/31/2017	5/31/2017
17051055-029A 15-1			5/31/2017	5/31/2017
17051055-030A 15-2			5/31/2017	5/31/2017
17051055-031A 16-1			5/31/2017	5/31/2017
17051055-032A 16-2			5/31/2017	5/31/2017
17051055-033A 17-1			5/31/2017	5/31/2017
17051055-034A 17-2			5/31/2017	5/31/2017
17051055-035A 18-1			5/31/2017	5/31/2017
17051055-036A 18-2			5/31/2017	5/31/2017
17051055-037A 19-1			5/31/2017	5/31/2017
17051055-038A 19-2			5/31/2017	5/31/2017

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**Client:** PSI  
**Project:** 00473108, Des Plaines School District 62, Algonquin. **Work Order Sample Summary**  
**Work Order:** 17051055 Revision 0

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Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
17051055-039A 20-1			5/31/2017	5/31/2017
17051055-040A 20-2			5/31/2017	5/31/2017
17051055-041A 21-1			5/31/2017	5/31/2017
17051055-042A 21-2			5/31/2017	5/31/2017
17051055-043A 22-1			5/31/2017	5/31/2017
17051055-044A 22-2			5/31/2017	5/31/2017
17051055-045A 23-1			5/31/2017	5/31/2017
17051055-046A 23-2			5/31/2017	5/31/2017
17051055-047A 24-1			5/31/2017	5/31/2017
17051055-048A 24-2			5/31/2017	5/31/2017
17051055-049A 25-1			5/31/2017	5/31/2017
17051055-050A 25-2			5/31/2017	5/31/2017
17051055-051A 26-1			5/31/2017	5/31/2017
17051055-052A 26-2			5/31/2017	5/31/2017
17051055-053A 27-1			5/31/2017	5/31/2017
17051055-054A 27-2			5/31/2017	5/31/2017
17051055-055A 28-1			5/31/2017	5/31/2017
17051055-056A 28-2			5/31/2017	5/31/2017
17051055-057A 29-1			5/31/2017	5/31/2017
17051055-058A 29-2			5/31/2017	5/31/2017
17051055-059A 30-1			5/31/2017	5/31/2017
17051055-060A 30-2			5/31/2017	5/31/2017
17051055-061A 31-1			5/31/2017	5/31/2017
17051055-062A 31-2			5/31/2017	5/31/2017
17051055-063A 32-1			5/31/2017	5/31/2017
17051055-064A 32-2			5/31/2017	5/31/2017
17051055-065A 33-1			5/31/2017	5/31/2017
17051055-066A 33-2			5/31/2017	5/31/2017
17051055-067A 34-1			5/31/2017	5/31/2017
17051055-068A 34-2			5/31/2017	5/31/2017
17051055-069A 35-1			5/31/2017	5/31/2017
17051055-070A 35-2			5/31/2017	5/31/2017
17051055-071A 36-1			5/31/2017	5/31/2017
17051055-072A 36-2			5/31/2017	5/31/2017
17051055-073A 37-1			5/31/2017	5/31/2017
17051055-074A 37-2			5/31/2017	5/31/2017
17051055-075A 38-1			5/31/2017	5/31/2017
17051055-076A 38-2			5/31/2017	5/31/2017
17051055-077A 39-1			5/31/2017	5/31/2017
17051055-078A 39-2			5/31/2017	5/31/2017

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**Client:** PSI  
**Project:** 00473108, Des Plaines School District 62, Algonquin . **Work Order Sample Summary**  
**Work Order:** 17051055 Revision 0

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Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
17051055-079A	40-1		5/31/2017	5/31/2017
17051055-080A	40-2		5/31/2017	5/31/2017
17051055-081A	41-1		5/31/2017	5/31/2017
17051055-082A	41-2		5/31/2017	5/31/2017
17051055-083A	42-1		5/31/2017	5/31/2017
17051055-084A	42-2		5/31/2017	5/31/2017
17051055-085A	43-1		5/31/2017	5/31/2017
17051055-086A	43-2		5/31/2017	5/31/2017
17051055-087A	44-1		5/31/2017	5/31/2017
17051055-088A	44-2		5/31/2017	5/31/2017
17051055-089A	45-1		5/31/2017	5/31/2017
17051055-090A	45-2		5/31/2017	5/31/2017
17051055-091A	46-1		5/31/2017	5/31/2017
17051055-092A	46-2		5/31/2017	5/31/2017
17051055-093A	47-1		5/31/2017	5/31/2017
17051055-094A	47-2		5/31/2017	5/31/2017
17051055-095A	48-1		5/31/2017	5/31/2017
17051055-096A	48-2		5/31/2017	5/31/2017
17051055-097A	49-1		5/31/2017	5/31/2017
17051055-098A	49-2		5/31/2017	5/31/2017
17051055-099A	50-1		5/31/2017	5/31/2017
17051055-100A	50-2		5/31/2017	5/31/2017
17051055-101A	51-1		5/31/2017	5/31/2017
17051055-102A	51-2		5/31/2017	5/31/2017
17051055-103A	52-1		5/31/2017	5/31/2017
17051055-104A	52-2		5/31/2017	5/31/2017
17051055-105A	53-1		5/31/2017	5/31/2017
17051055-106A	53-2		5/31/2017	5/31/2017
17051055-107A	54-1		5/31/2017	5/31/2017
17051055-108A	54-2		5/31/2017	5/31/2017
17051055-109A	55-1		5/31/2017	5/31/2017
17051055-110A	55-2		5/31/2017	5/31/2017
17051055-111A	56-1		5/31/2017	5/31/2017
17051055-112A	56-2		5/31/2017	5/31/2017
17051055-113A	57-1		5/31/2017	5/31/2017
17051055-114A	57-2		5/31/2017	5/31/2017
17051055-115A	58-1		5/31/2017	5/31/2017
17051055-116A	58-2		5/31/2017	5/31/2017
17051055-117A	59-1		5/31/2017	5/31/2017
17051055-118A	59-2		5/31/2017	5/31/2017

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**Client:** PSI  
**Project:** 00473108, Des Plaines School District 62, Algonquin. **Work Order Sample Summary**  
**Work Order:** 17051055 Revision 0

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<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Tag Number</b>	<b>Collection Date</b>	<b>Date Received</b>
17051055-119A 60-1			5/31/2017	5/31/2017
17051055-120A 60-2			5/31/2017	5/31/2017

**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: June 08, 2017

**ANALYTICAL RESULTS**

Date Printed: June 08, 2017

Client: PSI  
 Work Order: 17051055 Revision 0  
 Project: 00473108, Des Plaines School District 62, Algonquin Ju

Client ID	Additional Info	Sample ID	Matrix	Lead Result	Units	Qualifier	Analyst	Date Analyzed	Analytical Method
1-1		17051055-001A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
1-2		17051055-002A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
2-1		17051055-003A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
2-2		17051055-004A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
3-1		17051055-005A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
3-2		17051055-006A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
4-1		17051055-007A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
4-2		17051055-008A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
5-1		17051055-009A	Water	2.65	µg/L		MDT	06/01/2017	EPA 200.8
5-2		17051055-010A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
6-1		17051055-011A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
6-2		17051055-012A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
7-1		17051055-013A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
7-2		17051055-014A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
8-1		17051055-015A	Water	3.53	µg/L		MDT	06/01/2017	EPA 200.8
8-2		17051055-016A	Water	2.80	µg/L		MDT	06/01/2017	EPA 200.8
9-1		17051055-017A	Water	2.30	µg/L		MDT	06/01/2017	EPA 200.8
9-2		17051055-018A	Water	3.98	µg/L		MDT	06/01/2017	EPA 200.8
10-1		17051055-019A	Water	3.24	µg/L		MDT	06/01/2017	EPA 200.8
10-2		17051055-020A	Water	3.73	µg/L		MDT	06/01/2017	EPA 200.8
11-1		17051055-021A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
11-2		17051055-022A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
12-1		17051055-023A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
12-2		17051055-024A	Water	2.01	µg/L		MDT	06/01/2017	EPA 200.8
13-1		17051055-025A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
13-2		17051055-026A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
14-1		17051055-027A	Water	70.5	µg/L		MDT	06/01/2017	EPA 200.8
14-2		17051055-028A	Water	4.48	µg/L		MDT	06/01/2017	EPA 200.8
15-1		17051055-029A	Water	4.51	µg/L		MDT	06/01/2017	EPA 200.8

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

Date Reported: June 08, 2017

**ANALYTICAL RESULTS**

Date Printed: June 08, 2017

Client: PSJ  
 Work Order: 17051055 Revision 0  
 Project: 00473108, Des Plaines School District 62, Algonquin Ju

Client ID	Additional Info	Sample ID	Matrix	Lead Result	Units	Qualifier	Analyst	Date Analyzed	Analytical Method
15-2		17051055-030A	Water	3.05	µg/L		MDT	06/05/2017	EPA 200.8
16-1		17051055-031A	Water	2.63	µg/L		MDT	06/05/2017	EPA 200.8
16-2		17051055-032A	Water	33.1	µg/L		MDT	06/05/2017	EPA 200.8
17-1		17051055-033A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
17-2		17051055-034A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
18-1		17051055-035A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
18-2		17051055-036A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
19-1		17051055-037A	Water	< 2.00	µg/L		MDT	06/05/2017	EPA 200.8
19-2		17051055-038A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
20-1		17051055-039A	Water	74.3	µg/L		MDT	06/05/2017	EPA 200.8
20-2		17051055-040A	Water	2.24	µg/L		MDT	06/05/2017	EPA 200.8
21-1		17051055-041A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
21-2		17051055-042A	Water	19.9	µg/L		MDT	06/05/2017	EPA 200.8
22-1		17051055-043A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
22-2		17051055-044A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
23-1		17051055-045A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
23-2		17051055-046A	Water	5.87	µg/L		MDT	06/02/2017	EPA 200.8
24-1		17051055-047A	Water	22.6	µg/L		MDT	06/02/2017	EPA 200.8
24-2		17051055-048A	Water	4.41	µg/L		MDT	06/02/2017	EPA 200.8
25-1		17051055-049A	Water	3.00	µg/L		MDT	06/02/2017	EPA 200.8
25-2		17051055-050A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
26-1		17051055-051A	Water	2.20	µg/L		MDT	06/02/2017	EPA 200.8
26-2		17051055-052A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
27-1		17051055-053A	Water	57.2	µg/L		MDT	06/02/2017	EPA 200.8
27-2		17051055-054A	Water	7.96	µg/L		MDT	06/02/2017	EPA 200.8
28-1		17051055-055A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
28-2		17051055-056A	Water	2.19	µg/L		MDT	06/02/2017	EPA 200.8
29-1		17051055-057A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
29-2		17051055-058A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8

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Date Reported: June 08, 2017

**ANALYTICAL RESULTS**

Date Printed: June 08, 2017

Client: PSI  
 Work Order: 17051055 Revision 0  
 Project: 00473108, Des Plaines School District 62, Algonquin Ju

Client ID	Additional Info	Sample ID	Matrix	Lead Result	Units	Qualifier	Analyst	Date Analyzed	Analytical Method
30-1		17051055-059A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
30-2		17051055-060A	Water	2.10	µg/L		MDT	06/02/2017	EPA 200.8
31-1		17051055-061A	Water	3.26	µg/L		MDT	06/01/2017	EPA 200.8
31-2		17051055-062A	Water	2.91	µg/L		MDT	06/01/2017	EPA 200.8
32-1		17051055-063A	Water	5.13	µg/L		MDT	06/01/2017	EPA 200.8
32-2		17051055-064A	Water	5.86	µg/L		MDT	06/01/2017	EPA 200.8
33-1		17051055-065A	Water	4.23	µg/L		MDT	06/01/2017	EPA 200.8
33-2		17051055-066A	Water	2.91	µg/L		MDT	06/01/2017	EPA 200.8
34-1		17051055-067A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
34-2		17051055-068A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
35-1		17051055-069A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
35-2		17051055-070A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
36-1		17051055-071A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
36-2		17051055-072A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
37-1		17051055-073A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
37-2		17051055-074A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
38-1		17051055-075A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
38-2		17051055-076A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
39-1		17051055-077A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
39-2		17051055-078A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
40-1		17051055-079A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
40-2		17051055-080A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
41-1		17051055-081A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
41-2		17051055-082A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
42-1		17051055-083A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
42-2		17051055-084A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
43-1		17051055-085A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
43-2		17051055-086A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
44-1		17051055-087A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8

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**ANALYTICAL RESULTS**

Date Printed: June 08, 2017

Client: PSI  
 Work Order: 17051055 Revision 0  
 Project: 00473108, Des Plaines School District 62, Algonquin Ju

Client ID	Additional Info	Sample ID	Matrix	Lead Result	Units	Qualifier	Analyst	Date Analyzed	Analytical Method
44-2		17051055-088A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
45-1		17051055-089A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
45-2		17051055-090A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
46-1		17051055-091A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
46-2		17051055-092A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
47-1		17051055-093A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
47-2		17051055-094A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
48-1		17051055-095A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
48-2		17051055-096A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
49-1		17051055-097A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
49-2		17051055-098A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
50-1		17051055-099A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
50-2		17051055-100A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
51-1		17051055-101A	Water	2.60	µg/L		MDT	06/01/2017	EPA 200.8
51-2		17051055-102A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
52-1		17051055-103A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
52-2		17051055-104A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
53-1		17051055-105A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
53-2		17051055-106A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
54-1		17051055-107A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
54-2		17051055-108A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
55-1		17051055-109A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
55-2		17051055-110A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
56-1		17051055-111A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
56-2		17051055-112A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
57-1		17051055-113A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
57-2		17051055-114A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
58-1		17051055-115A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
58-2		17051055-116A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8

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 E - Value above quantitation range  
 \* - Non-accredited parameter



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**ANALYTICAL RESULTS**

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**Client:** PSI  
**Work Order:** 17051055 Revision 0  
**Project:** 00473108, Des Plaines School District 62, Algonquin Ju

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Client ID	Additional Info	Sample ID	Matrix	Lead Result	Units	Qualifier	Analyst	Date Analyzed	Analytical Method
59-1		17051055-117A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
59-2		17051055-118A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
60-1		17051055-119A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8
60-2		17051055-120A	Water	< 2.00	µg/L		MDT	06/01/2017	EPA 200.8

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

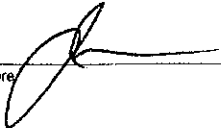
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
\* - Non-accredited parameter



Sample Receipt Checklist

Client Name PSI  
 Work Order Number 17051055

Date and Time Received: 5/31/2017 12:07:00 PM  
 Received by: JDR

Checklist completed by:   
 Signature \_\_\_\_\_ Date 5/31/17

Reviewed by: MK 5/31/17  
 Initials \_\_\_\_\_ Date \_\_\_\_\_

Matrix: \_\_\_\_\_ Carrier name STAT Analysis

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels/containers? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container or Temp Blank temperature in compliance? Yes  No  Temperature 4.5 °C
- Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No
- Water - Samples pH checked? Yes  No  Checked by: JR
- Water - Samples properly preserved? Yes  No  pH Adjusted? NO

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

Comments: Sample "18-2" was listed on COC, but was not received. Two samples labeled "18-1" were received. Samples "18-1" & "18-2" were labeled arbitrarily.

Client / Person contacted: \_\_\_\_\_ Date contacted: \_\_\_\_\_ Contacted by: \_\_\_\_\_

Response: \_\_\_\_\_



**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