



4421 West Harrison Street
Hillside, Illinois 60162
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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
Orchard Place Elementary School
2727 Maple Street
Des Plaines, Illinois 60018
PSI Project Number: 00473108

Dear Mr. Vilendrer:

In accordance with your request, Professional Service Industries, Inc. (PSI) Industrial Hygiene Technicians Tom Novatka and 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 limit 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 twenty-one (21) high priority potable water sources are to be sampled in total from Orchard Place Elementary School, at 2727 Maple Street, 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 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

None of the forty-two (42) sample locations collected at this facility exceeded the Illinois State notification level for lead-in-drinking water.

Table 1.0, located at the end of this report, summarizes the laboratory data of the entire sampling event.

CONCLUSIONS

None of the sampled outlets at Orchard Place Elementary 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.

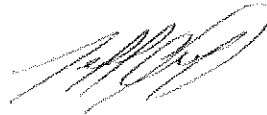
This report is certified to, can be relied upon by, and has been prepared for the exclusive use of the client.

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

Orchard Place Elementary School
May 31 – June 1, 2017

Source Number	Sample Location	Source Type	Draw Number 1 Lead Result (ppb)	Draw Number 2 Lead Result (ppb)
1	1 st Floor Hallway Area A	DF	<2.00	<2.00
2	1 st Floor Hallway Area A	DF	<2.00	<2.00
3	Room 124	S	<2.00	<2.00
4	Kitchen	S	<2.00	<2.00
5	Kitchen	S	<2.00	<2.00
6	Kitchen	S	<2.00	<2.00
7	1 st Floor Hallway Area B	DF	<2.00	<2.00
8	1 st Floor Hallway Area B	DF	<2.00	<2.00
9	Room 134	S	<2.00	<2.00
10	Room 134	S	<2.00	<2.00
11	1 st Floor Hallway Area A	DF	<2.00	<2.00
12	1 st Floor Hallway Area A	DF	<2.00	<2.00
13	Room 138	S	2.68	<2.00
14	Room 139	S	3.90	<2.00
15	2 nd Floor Area B	DF	<2.00	<2.00
16	2 nd Floor Area B	DF	<2.00	<2.00
17	2 nd Floor Area A	DF	<2.00	<2.00
18	2 nd Floor Area A	DF	<2.00	<2.00
19	Room 140	S	2.09	2.40
20	Room 141	S	<2.00	<2.00
21	Room 142	S	2.52	<2.00

Results in bold indicate findings above the Action 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 05, 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: 17060010 Revision 0

RE: 00473108, Des Plaines School District 62, Orchard Place

Dear Samantha Lodge:

STAT Analysis received 42 samples for the referenced project on 6/1/2017 11:24:00 AM. 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,


Justice Kwateng
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: 00473108, Des Plaines School District 62, Orchard Pla **Work Order Sample Summary**
Work Order: 17060010 Revision 0

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
17060010-001A	01 / 01		5/21/2017	6/1/2017
17060010-002A	01 / 02		5/31/2017	6/1/2017
17060010-003A	02 / 01		5/31/2017	6/1/2017
17060010-004A	02 / 02		5/31/2017	6/1/2017
17060010-005A	03 / 01		5/31/2017	6/1/2017
17060010-006A	03 / 02		5/31/2017	6/1/2017
17060010-007A	04 / 01		5/31/2017	6/1/2017
17060010-008A	04 / 02		5/31/2017	6/1/2017
17060010-009A	05 / 01		5/31/2017	6/1/2017
17060010-010A	05 / 02		5/31/2017	6/1/2017
17060010-011A	06 / 01		5/31/2017	6/1/2017
17060010-012A	06 / 02		5/31/2017	6/1/2017
17060010-013A	07 / 01		5/31/2017	6/1/2017
17060010-014A	07 / 02		5/31/2017	6/1/2017
17060010-015A	08 / 01		5/31/2017	6/1/2017
17060010-016A	08 / 02		5/31/2017	6/1/2017
17060010-017A	09 / 01		5/31/2017	6/1/2017
17060010-018A	09 / 02		5/31/2017	6/1/2017
17060010-019A	10 / 01		5/31/2017	6/1/2017
17060010-020A	10 / 02		5/31/2017	6/1/2017
17060010-021A	11 / 01		5/31/2017	6/1/2017
17060010-022A	11 / 02		5/31/2017	6/1/2017
17060010-023A	12 / 01		5/31/2017	6/1/2017
17060010-024A	12 / 02		5/31/2017	6/1/2017
17060010-025A	13 / 01		5/31/2017	6/1/2017
17060010-026A	13 / 02		5/31/2017	6/1/2017
17060010-027A	14 / 01		5/31/2017	6/1/2017
17060010-028A	14 / 02		5/31/2017	6/1/2017
17060010-029A	15 / 01		5/31/2017	6/1/2017
17060010-030A	15 / 02		5/31/2017	6/1/2017
17060010-031A	16 / 01		5/31/2017	6/1/2017
17060010-032A	16 / 02		5/31/2017	6/1/2017
17060010-033A	17 / 01		5/31/2017	6/1/2017
17060010-034A	17 / 02		5/31/2017	6/1/2017
17060010-035A	18 / 01		5/31/2017	6/1/2017
17060010-036A	18 / 02		5/31/2017	6/1/2017
17060010-037A	19 / 01		5/31/2017	6/1/2017
17060010-038A	19 / 02		5/31/2017	6/1/2017

Client: PSI
Project: 00473108, Des Plaines School District 62, Orchard Pla
Work Order: 17060010 Revision 0

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
17060010-039A	20 / 01		5/31/2017	6/1/2017
17060010-040A	20 / 02		5/31/2017	6/1/2017
17060010-041A	21 / 01		5/31/2017	6/1/2017
17060010-042A	21 / 02		5/31/2017	6/1/2017

STAT Analysis Corporation

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

Date Reported: June 05, 2017

ANALYTICAL RESULTS

Date Printed: June 05, 2017

Client: PSI
 Work Order: 17060010 Revision 0
 Project: 00473108, Des Plaines School District 62, Orchard Place

Client ID	Additional Info	Sample ID	Matrix	Lead Result	Units	Qualifier	Analyst	Date Analyzed	Analytical Method
01 / 01		17060010-001A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
01 / 02		17060010-002A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
02 / 01		17060010-003A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
02 / 02		17060010-004A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
03 / 01		17060010-005A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
03 / 02		17060010-006A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
04 / 01		17060010-007A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
04 / 02		17060010-008A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
05 / 01		17060010-009A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
05 / 02		17060010-010A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
06 / 01		17060010-011A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
06 / 02		17060010-012A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
07 / 01		17060010-013A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
07 / 02		17060010-014A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
08 / 01		17060010-015A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
08 / 02		17060010-016A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
09 / 01		17060010-017A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
09 / 02		17060010-018A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
10 / 01		17060010-019A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
10 / 02		17060010-020A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
11 / 01		17060010-021A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
11 / 02		17060010-022A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
12 / 01		17060010-023A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
12 / 02		17060010-024A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
13 / 01		17060010-025A	Water	2.68	µg/L		MDT	06/02/2017	EPA 200.8
13 / 02		17060010-026A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
14 / 01		17060010-027A	Water	3.90	µg/L		MDT	06/02/2017	EPA 200.8
14 / 02		17060010-028A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
15 / 01		17060010-029A	Water	< 2.00	µg/L		MDT	06/02/2017	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

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Date Reported: June 05, 2017

ANALYTICAL RESULTS

Date Printed: June 05, 2017

Client: PSI
 Work Order: 17060010 Revision 0
 Project: 00473108, Des Plaines School District 62, Orchard Place

Client ID	Additional Info	Sample ID	Matrix	Lead Result	Units	Qualifier	Analyst	Date Analyzed	Analytical Method
15 / 02		17060010-030A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
16 / 01		17060010-031A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
16 / 02		17060010-032A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
17 / 01		17060010-033A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
17 / 02		17060010-034A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
18 / 01		17060010-035A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
18 / 02		17060010-036A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
19 / 01		17060010-037A	Water	2.09	µg/L		MDT	06/02/2017	EPA 200.8
19 / 02		17060010-038A	Water	2.40	µg/L		MDT	06/02/2017	EPA 200.8
20 / 01		17060010-039A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
20 / 02		17060010-040A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8
21 / 01		17060010-041A	Water	2.52	µg/L		MDT	06/02/2017	EPA 200.8
21 / 02		17060010-042A	Water	< 2.00	µg/L		MDT	06/02/2017	EPA 200.8

Qualifiers: B - Analyte detected in the associated Method Blank
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R - RPD outside accepted recovery limits
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Sample Receipt Checklist

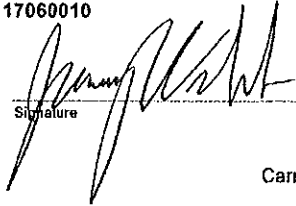
Client Name **PSI**

Date and Time Received: **6/1/2017 11:24:00 AM**

Work Order Number **17060010**

Received by: **JNW**

Checklist completed by:

 6/1/17
Signature Date

Reviewed by:

MK 6/1/17
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 Ambient °C
- Water - VOA vials have zero headspace? Yes No No VOA vials submitted Yes No
- Water - Samples pH checked? Yes No Checked by: J.W.
- Water - Samples properly preserved? Yes No pH Adjusted? No

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

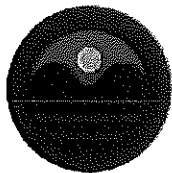
Comments:

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