



Lead Testing in Drinking Water

(For Compliance with Public Act 099-0922)

Site:

Sugar Creek Elementary School
200 N. Towanda Avenue
Normal, IL 61761

Local Education Agency:

McLean County U.D. 5

Completion Date:

August 18, 2017



Scope of Service

On August 18, 2017, Ideal Environmental Engineering (IDEAL) performed water sampling at Sugar Creek Elementary School in Normal, IL. In accordance with Public Act 099-0922 (Act) and guidance provided by the Illinois Department of Public Health (IDPH), the school's sources of drinking water were tested to identify possible lead contamination. The water source locations were provided to IDEAL by the Local Education Agency (LEA).

Public Act 099-0922

Public Act 099-0922, was passed into law in January 2017. As it applies to schools, the purpose is to raise awareness and reduce children's exposure to lead in drinking water.

The Act requires schools to test for lead in all water sources used for cooking and drinking in schools built on or before January 1, 2000, where more than 10 pre-kindergarten through fifth grade children are present. The timeframe for compliance is by December 31, 2017, for buildings constructed prior to January 1, 1987, and by December 31, 2018, for those built between January 2, 1987, and January 1, 2000.

Water samples are required to be analyzed by a method approved by the Illinois Environmental Protection Agency (IEPA) that provides a minimum reporting limit of 2 parts per billion (ppb). Test results are to be submitted to IDPH, and the LEA is required to provide notification of the water testing results to parents and guardians. The Act appointed IDPH to provide guidance on mitigation actions and ongoing water management practices in schools. For more information on mitigation strategies, steps for implementing a Water Quality Management Plan (WQMP), and other lead in drinking water resources, go to www.dph.illinois.gov.

Reporting Requirements

The LEA is required to provide notification of the water testing results. In addition, when any test result exceeds 5 ppb, individual written or electronic notification is required to be sent to parents or legal guardians of all enrolled students. The following reporting requirements apply to buildings and water sources subject to the Act*.

- If all sample results are less than 5 ppb, schools may use their website (at minimum) to notify parents of the results.
- If any of the sample results exceed 5 ppb, schools must notify parents in writing or electronically, and include:
 - The location and source exceeding 5 ppb, and
 - The USEPA website for information about lead in drinking water:
www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water

*Even if buildings or water sources were tested that are not required by the Act, IDEAL recommends posting all results.



Methodology

Prior to sampling, in order to verify that the required 8-18 hour water stagnation period had been met, school personnel provided IDEAL's water collector with the date and time the plumbing system had last been used. The date and time provided are recorded on the chain of custody (COC).

For each water source identified by the LEA, a first-draw 250 milliliter (mL) sample of cold water was collected in a bottle provided by an IEPA-approved laboratory. A first-draw sample is the first amount of water collected from a source. After the first draw was collected, the source was flushed for 30 seconds, followed by the collection of a second-draw 250 mL sample of water. This second sample is called a flush sample. If multiple faucets use the same drain, only one second-draw (flush) sample may have been collected.

Each bottle was placed in a position that allowed for the collection of all of the water. Care was taken to prevent overflow. Each bottle was labeled with a unique identifier (sample ID). The sample ID was recorded on the COC, which lists the location of the sample, source of the sample, and the date and time the sample was collected.

The water bottles were delivered—with the COC to show the relinquishment and receipt of the samples—to an IEPA-accredited laboratory for analysis. The laboratory's accreditation was reviewed by IDEAL to ensure that it was current for an IEPA-approved method of analysis for lead in drinking water.

Summary of Sampling

A total of 102 water samples were collected from 51 sources. Of the 102 samples collected, the 6 samples shown in Table 1.1 were found to contain lead. Four (4) of the samples show a level exceeding IDPH's notification limit of 5 ppb. Refer to Attachment A for specific notification requirements for Sugar Creek Elementary School.

Table 1.1

Sample ID	Sample Location Description	Fixture Type	Sample Type	Concentration
SCS-1	Kitchen - Pot Filler	O - Other	First Draw	7.11 ppb
SCS-9	Kitchen Hose Sprayer by Double Sink	O - Other	First Draw	6.06 ppb
SCS-17	Room 121 - Sink	S - Sink	First Draw	6.63 ppb
SCS-25	Room 113 - Sink	S - Sink	First Draw	2.72 ppb
SCS-31	Room 111 - Sink	S - Sink	First Draw	8.12 ppb
SCS-48	Room 210 - Sink	S - Sink	First Draw	3.92 ppb

(Refer to Attachment C for the complete analysis report, including chain of custody and laboratory accreditation.)



Mitigation & Water Quality Management Recommendations

IDPH requires mitigation for plumbing fixtures identified with any level of lead. They recommend that a fixture be removed from service immediately upon learning that it has tested positive for lead. Once fixtures have been addressed, re-testing is required. Mitigation should continue until subsequent testing indicates no lead is present.

Regardless of lead results, schools are to develop and maintain a Water Quality Management Plan (WQMP). An effective WQMP can help mitigate the potential for negative water quality issues now and in the future.

Refer to IDPH's website for mitigation strategies and steps to an effective WQMP:

www.dph.illinois.gov/sites/default/files/publications/school-lead-mitigation-strategies-050917.pdf.

The scope of work presented in this report was based on an understanding between IDEAL and client, whether the understanding was from verbal conversation or written document(s). The scope of work and report shall be deemed accepted by client unless client advises to the contrary in writing within 10 days of the receipt of this report.

Please call our office at (800)535-0964 or (309)828-4259 if you have any questions, or if we can be of further assistance with your mitigation, water management plan, or with other environmental services such as asbestos, indoor air quality or bleacher inspections. Thank you for giving us the opportunity to provide this service to you. We sincerely appreciate the trust and confidence you have in our services.

Ann M. Skeate, Engineering Manager



Reporting Requirements for Sugar Creek Elementary School:

The following reporting requirements apply to buildings and water sources subject to the Act. It is the responsibility of the LEA to determine which building's results are required to be reported to parents and guardians. However, IDEAL recommends that all results be posted.

The LEA is required to provide notification of the water testing results. Some sample results exceed the IDPH notification level of 5 ppb. All results exceeding 5 ppb have specific notification requirements as provided below. The entire results can be posted on the school's website, or can be provided in writing or electronically to the parents or legal guardians of all enrolled students. However, for any result exceeding 5 ppb, individual written or electronic notification is required to be sent to parents or legal guardians of all enrolled students, and must include:

- The location and source exceeding 5 ppb, and
- The USEPA website for information about lead in drinking water:
www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water

For your convenience, refer to Attachment B for a sample notification letter for results exceeding 5 ppb.



Sample Notification Letter

<DATE>

Re: Sugar Creek Elementary School – Lead in Drinking Water Notification

On August 18, 2017, testing for lead in drinking water was done in compliance with Illinois Public Act 099-0922 (Act) and guidance provided by the Illinois Department of Public Health (IDPH). Per the Act's requirements, the following is notification for sample results found to contain lead levels exceeding 5 parts per billion (ppb):

Sample Location Description	Fixture Type	Concentration
Kitchen - Pot Filler	O - Other	7.11 ppb
Kitchen Hose Sprayer by Double Sink	O - Other	6.06 ppb
Room 121 - Sink	S - Sink	6.63 ppb
Room 111 - Sink	S - Sink	8.12 ppb

For information about lead in drinking water, visit the USEPA website at:

www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water.

The health and safety of our students and staff is our highest priority. Please be assured that we will continue take all action necessary to protect student health. Mitigation and water management are in progress.

The full results of the water testing are available at <(website, link, etc)>.

Sincerely,

<School Personnel>

SUBURBAN LABORATORIES, Inc.



1950 S. Batavia Ave., Suite 150 Geneva, Illinois 60134
Tel. (708) 544-3260 • Toll Free (800) 783-LABS
Fax (708) 544-8587
www.suburbanlabs.com

August 31, 2017

Janelle Weber
Ideal Environmental Engineering, Inc
2904 Tractor Lane
Bloomington, IL 61704

Workorder: 1708H06

TEL: (309) 828-4259

FAX:

RE: McLean Co. UD 5 Sugar Creek Drinking Water Lead Analysis

Dear Janelle Weber:

Suburban Laboratories, Inc. received 102 sample(s) on 8/18/2017 for the analyses presented in the following report.

Customer has provided 250 mL volume sample bottles for all samples collected. Please note, all sample results that exceed 5.00 ug/L should be promptly reported to parents or guardians of all enrolled students. Results that are below 5.00 ug/L should be reported on the school website. Please refer to Public Act 099-0922 or the Illinois Department of Public Health for specific reporting requirements. Suburban Laboratories will forward all results to the IDPH within seven (7) business days from the date of this report.

This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc. If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Candy Rasmussen

(708) 544-3260 ext 235
candy@suburbanlabs.com



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Client ID: Ideal Environmental Engineering, Inc
Project Name: McLean Co. UD 5 Sugar Creek Drinking Water Lead An

Report Date: August 31, 2017
Workorder: 1708H06

Analyte: Lead

Method: EPA 200.8

Matrix: Drinking Water

Sample ID	Client Sample ID	Result	MRL	Units	Date & Time Water System Last Used	Date Collected	Date Analyzed
1708H06-001A	SCS-1-Kitchen - Pot Filler-First Draw	7.11	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-002A	SCF-1-Kitchen - Pot Filler-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-003A	SCS-2-Kitchen - Hand Sink-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-004A	SCF-2-Kitchen - Hand Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-005A	SCS-3-Kitchen - Hand Sink #2-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-006A	SCF-3-Kitchen - Hand Sink #2-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-007A	SCS-4-Kitchen - Sink-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-008A	SCF-4-Kitchen - Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-009A	SCS-5-Kitchen - Sink #1-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-010A	SCF-5-Kitchen - Sink #1-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-011A	SCS-6-Kitchen - Sink #3-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-012A	SCF-6-Kitchen - Sink #3-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-013A	SCS-7-Kitchen - Double Sink - R-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-014A	SCF-7-Kitchen - Double Sink - R-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-015A	SCS-8-Kitchen - Double Sink - L-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-016A	SCF-8-Kitchen - Double Sink - L-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-017A	SCS-9-Kitchen Hose Sprayer by Double Sink-First Draw	6.06	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-018A	SCF-9-Kitchen Hose Sprayer by Double Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-019A	SCS-10-Room 133 - Sink-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-020A	SCF-10-Room 133 - Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-021A	SCS-11-Room 132 - Sink-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-022A	SCF-11-Room 132 - Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-023A	SCS-12-Room 136 - Fountain-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017

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Client ID: Ideal Environmental Engineering, Inc
 Project Name: McLean Co. UD 5 Sugar Creek Drinking Water Lead An

Report Date: August 31, 2017
 Workorder: 1708H06

Analyte: Lead

Method: EPA 200.8

Matrix: Drinking Water

Sample ID	Client Sample ID	Result	MRL	Units	Date & Time Water System Last Used	Date Collected	Date Analyzed
1708H06-024A	SCF-12-Room 136 - Fountain-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-025A	SCS-13-Room 137 - Sink-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-026A	SCF-13-Room 137 - Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-027A	SCS-14-Room 138 - Sink-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-028A	SCF-14-Room 138 - Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-029A	SCS-15-Fountain by Gym R-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-030A	SCF-15-Fountain by Gym R-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-031A	SCS-16-Fountain by Gym L-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-032A	SCF-16-Fountain by Gym L-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-033A	SCS-17-Room 121 - Sink-First Draw	6.63	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-034A	SCF-17-Room 121 - Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-035A	SCS-18-Room 120 - Sink R-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-036A	SCF-18-Room 120 - Sink R-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-037A	SCS-19-Room 120 - Sink L-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-038A	SCF-19-Room 120 - Sink L-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-039A	SCS-20-Fountain by Restroom R-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-040A	SCF-20-Fountain by Restroom R-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-041A	SCS-21-Fountain by Restroom L-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-042A	SCF-21-Fountain by Restroom L-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-043A	SCS-22-Room 116 - Lounge Sink-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-044A	SCF-22-Room 116 - Lounge Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-045A	SCS-23-Fountain by Room 113 R-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-046A	SCF-23-Fountain by Room 113 R-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-047A	SCS-24-Fountain by Room 113 L-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017

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Report Date: August 31, 2017
 Workorder: 1708H06

Analyte: Lead

Method: EPA 200.8

Matrix: Drinking Water

Sample ID	Client Sample ID	Result	MRL	Units	Date & Time Water System Last Used	Date Collected	Date Analyzed
1708H06-048A	SCF-24-Fountain by Room 113 L-Flush	ND	2.00	µg/l.	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-049A	SCS-25-Room 113 - Sink-First Draw	2.72	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-050A	SCF-25-Room 113 - Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-051A	SCS-26-Room 112 - Sink-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-052A	SCF-26-Room 112 - Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-053A	SCS-27-Room 102 - Sink-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-054A	SCF-27-Room 102 - Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-055A	SCS-28-Blotcky Room - Sink-First Draw	ND	2.00	µg/l.	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-056A	SCF-28-Blotcky Room - Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-057A	SCS-29-Room 104 - Sink-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-058A	SCF-29-Room 104 - Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-059A	SCS-30-Room 105 - Sink-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-060A	SCF-30-Room 105 - Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-061A	SCS-31-Room 111 - Sink-First Draw	8.12	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-062A	SCF-31-Room 111 - Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-063A	SCS-32-Room 110 - Sink-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-064A	SCF-32-Room 110 - Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-065A	SCS-33-Room 106 - Sink-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-066A	SCF-33-Room 106 - Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-067A	SCS-34-Room 107 - Sink-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-068A	SCF-34-Room 107 - Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-069A	SCS-35-Room 108 - Sink-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-070A	SCF-35-Room 108 - Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-071A	SCS-36-Room 109 - Sink-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017

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Client ID: Ideal Environmental Engineering, Inc

Project Name: McLean Co. UD 5 Sugar Creek Drinking Water Lead An

Report Date: August 31, 2017

Workorder: 1708H06

Analyte: Lead

Method: EPA 200.8

Matrix: Drinking Water

Sample ID	Client Sample ID	Result	MRL	Units	Date & Time Water System Last Used	Date Collected	Date Analyzed
1708H06-072A	SCF-36~Room 109 - Sink~Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-073A	SCS-37~Fountain by Room 109 - R~First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-074A	SCF-37~Fountain by Room 109 - R~Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-075A	SCS-38~Fountain by Room 109 - L~First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-076A	SCF-38~Fountain by Room 109 - L~Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-077A	SCS-39~Room 201 - Sink~First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-078A	SCF-39~Room 201 - Sink~Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-079A	SCS-40~Room 202 - Sink~First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/25/2017
1708H06-080A	SCF-40~Room 202 - Sink~Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-081A	SCS-41~Room 203 - Sink~First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-082A	SCF-41~Room 203 - Sink~Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-083A	SCS-42~Room 204 - Sink~First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-084A	SCF-42~Room 204 - Sink~Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-085A	SCS-43~Fountain by 205A - R~First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-086A	SCF-43~Fountain by 205A - R~Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-087A	SCS-44~Fountain by 205A - L~First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-088A	SCF-44~Fountain by 205A - L~Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-089A	SCS-45~Room 207 - Sink~First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-090A	SCF-45~Room 207 - Sink~Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-091A	SCS-46~Room 208 - Sink~First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-092A	SCF-46~Room 208 - Sink~Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-093A	SCS-47~Room 209 - Sink~First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-094A	SCF-47~Room 209 - Sink~Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-095A	SCS-48~Room 210 - Sink~First Draw	3.92	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017

Page 5 of 9

ND - Not Detected Down to the Laboratory Minimum Reporting Limit (MRL)

SUBURBAN LABORATORIES, Inc.



1960 S. Batavia Ave., Suite 150 Geneva, Illinois 60134
 Tel. (708) 544-3260 • Toll Free (800) 783-LABS
 Fax (708) 544-8587
 www.suburbanlabs.com

Client ID: Ideal Environmental Engineering, Inc
 Project Name: McLean Co. UD 5 Sugar Creek Drinking Water Lead An

Report Date: August 31, 2017
 Workorder: 1708H06

Analyte: Lead

Method: EPA 200.8

Matrix: Drinking Water

Sample ID	Client Sample ID	Result	MRL	Units	Date & Time Water System Last Used	Date Collected	Date Analyzed
1708H06-096A	SCF-48-Room 210 - Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-097A	SCS-49-Fountain by Elevator - R-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-098A	SFS-49-Fountain by Elevator - R-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-099A	SCS-50-Fountain by Elevator - L-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-100A	SCI-50-Fountain by Elevator - L-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-101A	SCS-51-Nurse's Office - Sink-First Draw	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017
1708H06-102A	SCI-51-Nurse's Office - Sink-Flush	ND	2.00	µg/L	8/16/2017 20:00	8/18/2017	8/30/2017

ND - Not Detected Down to the Laboratory Minimum Reporting Limit (MRL)

1708H06 (1 of 2)

SCHOOL/FACILITY NAME		ADDRESS		SAMPLE COLLECTOR NAME(S)	
Sugar Creek Elem. School		1900 W. College Avenue		Ann Sheate	
ISBE ID: (ex01-001-0001-01-00001)		Normal, IL 61761			
17-064-0050-26-2002					

Water system last used Date: 08/16/2017 Time: 20:00

All samples must be collected in unpreserved

Bldg. ID	Bldg. Desc	Sample ID#	Sample Loc. Desc	Collection Date MMDDYYYY	Collection Time HHMM	Fixture Type	Sample Type	Sample Vol.	Notes
0001	Main Building	01	1st Floor Classroom	02/23/2017	800	O - Other	First Draw	250	Description if "Other" is selected
0001	Main Building	01A	1st Floor Classroom	02/23/2017	800	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-1	Kitchen - Pot Filter	08/18/2017	4:31	O - Other	First Draw	250	Pot Filter
0001	Sugar Creek Elem.	SCF-1	Kitchen - Pot Filter	08/18/2017	4:31	O - Other	Flush	250	Pot Filter
0001	Sugar Creek Elem.	SCS-2	Kitchen - Hand Sink	08/18/2017	4:32	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-2	Kitchen - Hand Sink	08/18/2017	4:32	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-3	Kitchen - Hand Sink #2	08/18/2017	4:34	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-3	Kitchen - Hand Sink #2	08/18/2017	4:35	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-4	Kitchen - Sink	08/18/2017	4:35	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-4	Kitchen - Sink	08/18/2017	4:36	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-5	Kitchen - Sink #1	08/18/2017	4:38	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-5	Kitchen - Sink #1	08/18/2017	4:35	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-6	Kitchen - Sink #3	08/18/2017	4:40	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-6	Kitchen - Sink #3	08/18/2017	4:41	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-7	Kitchen - Double Sink - R	08/18/2017	4:42	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-7	Kitchen - Double Sink - R	08/18/2017	4:42	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-8	Kitchen - Double Sink - L	08/18/2017	4:42	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-8	Kitchen - Double Sink - L	08/18/2017	4:43	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-9	Hallway Hand Sprayer by Double Sink	08/18/2017	4:44	O - Other	First Draw	250	Hose Sprayer
0001	Sugar Creek Elem.	SCF-9	Hallway Hand Sprayer by Double Sink	08/18/2017	4:45	O - Other	Flush	250	Hose Sprayer
0001	Sugar Creek Elem.	SCS-10	Room 133 - Sink	08/18/2017	4:49	O - Other	First Draw	250	
0001	Sugar Creek Elem.	SCF-10	Room 133 - Sink	08/18/2017	4:50	O - Other	Flush	250	
0001	Sugar Creek Elem.	SCS-11	Room 132 - Sink	08/18/2017	4:52	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-11	Room 132 - Sink	08/18/2017	4:52	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-12	Room 136 - Fountain	08/18/2017	4:54	O - Other	First Draw	250	Fountain
0001	Sugar Creek Elem.	SCF-12	Room 136 - Fountain	08/18/2017	4:54	O - Other	Flush	250	Fountain
0001	Sugar Creek Elem.	SCS-13	Room 137 - Sink	08/18/2017	4:55	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-13	Room 137 - Sink	08/18/2017	4:56	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-14	Room 138 - Sink	08/18/2017	4:58	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-14	Room 138 - Sink	08/18/2017	4:58	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-15	Fountain by Gym R	08/18/2017	5:04	O - Other	First Draw	250	Fountain
0001	Sugar Creek Elem.	SCF-15	Fountain by Gym R	08/18/2017	5:04	O - Other	Flush	250	Fountain
0001	Sugar Creek Elem.	SCS-16	Fountain by Gym L	08/18/2017	5:04	O - Other	First Draw	250	Fountain
0001	Sugar Creek Elem.	SCF-16	Fountain by Gym L	08/18/2017	5:04	O - Other	Flush	250	Fountain
0001	Sugar Creek Elem.	SCS-17	Room 121 - Sink	08/18/2017	5:08	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-17	Room 121 - Sink	08/18/2017	5:09	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-18	Room 120 - Sink R	08/18/2017	5:10	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-18	Room 120 - Sink R	08/18/2017	5:11	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-19	Room 120 - Sink L	08/18/2017	5:10	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-19	Room 120 - Sink L	08/18/2017	5:11	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-20	Fountain by Restroom R	08/18/2017	5:12	O - Other	First Draw	250	Fountain
0001	Sugar Creek Elem.	SCF-20	Fountain by Restroom R	08/18/2017	5:13	O - Other	Flush	250	Fountain
0001	Sugar Creek Elem.	SCS-21	Fountain by Restroom L	08/18/2017	5:13	O - Other	First Draw	250	Fountain
0001	Sugar Creek Elem.	SCF-21	Fountain by Restroom L	08/18/2017	5:14	O - Other	Flush	250	Fountain
0001	Sugar Creek Elem.	SCS-22	Room 116 - Lounge Sink	08/18/2017	5:15	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-22	Room 116 - Lounge Sink	08/18/2017	5:16	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-23	Fountain by Room 118 R	08/18/2017	5:19	O - Other	First Draw	250	Fountain
0001	Sugar Creek Elem.	SCF-23	Fountain by Room 118 R	08/18/2017	5:20	O - Other	Flush	250	Fountain
0001	Sugar Creek Elem.	SCS-24	Fountain by Room 113 L	08/18/2017	5:21	O - Other	First Draw	250	Fountain
0001	Sugar Creek Elem.	SCF-24	Fountain by Room 113 L	08/18/2017	5:21	O - Other	Flush	250	Fountain
0001	Sugar Creek Elem.	SCS-25	Room 113 - Sink	08/18/2017	5:22	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-25	Room 113 - Sink	08/18/2017	5:23	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-26	Room 112 - Sink	08/18/2017	5:23	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-26	Room 112 - Sink	08/18/2017	5:24	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-27	Room 102 - Sink	08/18/2017	5:27	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-27	Room 102 - Sink	08/18/2017	5:27	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-28	Blotchy Room - Sink	08/18/2017	5:28	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-28	Blotchy Room - Sink	08/18/2017	5:28	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-29	Room 104 - Sink	08/18/2017	5:31	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-29	Room 104 - Sink	08/18/2017	5:31	S - Sink	Flush	250	
0001	Sugar Creek Elem.	SCS-30	Room 105 - Sink	08/18/2017	5:31	S - Sink	First Draw	250	
0001	Sugar Creek Elem.	SCF-30	Room 105 - Sink	08/18/2017	5:32	S - Sink	Flush	250	

1708106 (2 of 2)

61	0001	Sugar Creek Elem.	SCS-31	Room 111 - Sink	08/18/2017	5:32	S - Sink	First Draw	250	
62	0001	Sugar Creek Elem.	SCF-31	Room 111 - Sink	08/18/2017	5:33	S - Sink	Flush	250	
63	0001	Sugar Creek Elem.	SCS-32	Room 110 - Sink	08/18/2017	5:34	S - Sink	First Draw	250	
64	0001	Sugar Creek Elem.	SCF-32	Room 110 - Sink	08/18/2017	5:35	S - Sink	Flush	250	
65	0001	Sugar Creek Elem.	SCS-33	Room 106 - Sink	08/18/2017	5:37	S - Sink	First Draw	250	
66	0001	Sugar Creek Elem.	SCF-33	Room 106 - Sink	08/18/2017	5:37	S - Sink	Flush	250	
67	0001	Sugar Creek Elem.	SCS-34	Room 107 - Sink	08/18/2017	5:38	S - Sink	First Draw	250	
68	0001	Sugar Creek Elem.	SCF-34	Room 107 - Sink	08/18/2017	5:38	S - Sink	Flush	250	
69	0001	Sugar Creek Elem.	SCS-35	Room 108 - Sink	08/18/2017	5:39	S - Sink	First Draw	250	
70	0001	Sugar Creek Elem.	SCF-35	Room 108 - Sink	08/18/2017	5:40	S - Sink	Flush	250	
71	0001	Sugar Creek Elem.	SCS-36	Room 109 - Sink	08/18/2017	5:40	S - Sink	First Draw	250	
72	0001	Sugar Creek Elem.	SCF-36	Room 109 - Sink	08/18/2017	5:41	S - Sink	Flush	250	
73	0001	Sugar Creek Elem.	SCS-37	Fountain by Room 109 - R	08/18/2017	5:43	O - Other	First Draw	250	Fountain
74	0001	Sugar Creek Elem.	SCF-37	Fountain by Room 109 - R	08/18/2017	5:43	O - Other	Flush	250	Fountain
75	0001	Sugar Creek Elem.	SCS-38	Fountain by Room 109 - L	08/18/2017	5:44	O - Other	First Draw	250	Fountain
76	0001	Sugar Creek Elem.	SCF-38	Fountain by Room 109 - L	08/18/2017	5:44	O - Other	Flush	250	Fountain
77	0001	Sugar Creek Elem.	SCS-39	Room 201 - Sink	08/18/2017	5:52	S - Sink	First Draw	250	
78	0001	Sugar Creek Elem.	SCF-39	Room 201 - Sink	08/18/2017	5:52	S - Sink	Flush	250	
79	0001	Sugar Creek Elem.	SCS-40	Room 202 - Sink	08/18/2017	5:53	S - Sink	First Draw	250	
80	0001	Sugar Creek Elem.	SCF-40	Room 202 - Sink	08/18/2017	5:53	S - Sink	Flush	250	
81	0001	Sugar Creek Elem.	SCS-41	Room 203 - Sink	08/18/2017	5:54	S - Sink	First Draw	250	
82	0001	Sugar Creek Elem.	SCF-41	Room 203 - Sink	08/18/2017	5:54	S - Sink	Flush	250	
83	0001	Sugar Creek Elem.	SCS-42	Room 204 - Sink	08/18/2017	5:55	S - Sink	First Draw	250	
84	0001	Sugar Creek Elem.	SCF-42	Room 204 - Sink	08/18/2017	5:55	S - Sink	Flush	250	
85	0001	Sugar Creek Elem.	SCS-43	Fountain by 205A - R	08/18/2017	6:00	O - Other	First Draw	250	Fountain
86	0001	Sugar Creek Elem.	SCF-43	Fountain by 205A - R	08/18/2017	6:01	O - Other	Flush	250	Fountain
87	0001	Sugar Creek Elem.	SCS-44	Fountain by 205A - L	08/18/2017	6:02	O - Other	First Draw	250	Fountain
88	0001	Sugar Creek Elem.	SCF-44	Fountain by 205A - L	08/18/2017	6:02	O - Other	Flush	250	Fountain
89	0001	Sugar Creek Elem.	SCS-45	Room 207 - Sink	08/18/2017	6:05	S - Sink	First Draw	250	
90	0001	Sugar Creek Elem.	SCF-45	Room 207 - Sink	08/18/2017	6:06	S - Sink	Flush	250	
91	0001	Sugar Creek Elem.	SCS-46	Room 208 - Sink	08/18/2017	6:07	S - Sink	First Draw	250	
92	0001	Sugar Creek Elem.	SCF-46	Room 208 - Sink	08/18/2017	6:08	S - Sink	Flush	250	
93	0001	Sugar Creek Elem.	SCS-47	Room 209 - Sink	08/18/2017	6:09	S - Sink	First Draw	250	
94	0001	Sugar Creek Elem.	SFS-47	Room 209 - Sink	08/18/2017	6:10	S - Sink	Flush	250	
95	0001	Sugar Creek Elem.	SCS-48	Room 210 - Sink	08/18/2017	6:11	S - Sink	First Draw	250	
96	0001	Sugar Creek Elem.	SCF-48	Room 210 - Sink	08/18/2017	6:11	S - Sink	Flush	250	
97	0001	Sugar Creek Elem.	SCS-49	Fountain by Elevator - R	08/18/2017	6:13	O - Other	First Draw	250	Fountain
98	0001	Sugar Creek Elem.	SFS-49	Fountain by Elevator - R	08/18/2017	6:14	O - Other	Flush	250	Fountain
99	0001	Sugar Creek Elem.	SCS-50	Fountain by Elevator - L	08/18/2017	6:13	O - Other	First Draw	250	Fountain
100	0001	Sugar Creek Elem.	SCF-50	Fountain by Elevator - L	08/18/2017	6:14	O - Other	Flush	250	Fountain
101	0001	Sugar Creek Elem.	SCS-51	Nurse's Office - Sink	08/18/2017	6:18	S - Sink	First Draw	250	
102	0001	Sugar Creek Elem.	SFS-51	Nurse's Office - Sink	08/18/2017	6:19	S - Sink	Flush	250	
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SUBURBAN LABORATORIES, Inc.		CHAIN OF CUSTODY RECORD		Electronic Version	
Company Name SUBURBAN LABORATORIES, Inc.		Toll Free: 800.783.LABS		www.suburbanlabs.com	
Company Address 4140 Litt Drive Hillside, IL 60162		Fax: 708.544.8587		Tel: 708.544.3280	
Company Address Ideal Environmental Engineering, Inc.		TURNAROUND TIME REQUESTED		ANALYSIS & METHOD REQUESTED	
City Bloomington		State IL		Zip 61704	
Phone 309-828-4259		Fax 309-828-5735		Fax Report <input type="checkbox"/>	
Email Address leadinwater@idealeenvironmental.com		Specify Regulatory Program: <input type="checkbox"/> LUST <input type="checkbox"/> SRP <input type="checkbox"/> SDWA		Enter an "X" in box below for request	
Project ID / Location JH200601-McLean Co. UD 5 - Sugar Creek Elem.		<input type="checkbox"/> None/Info only			
Project Manager (Report to) Lead-In-Water		<input type="checkbox"/> NPDES <input type="checkbox"/> MNRDGC			
Sample Collection(s) Ann M. Skeate		<input type="checkbox"/> Disposal <input checked="" type="checkbox"/> Other			
SAMPLE IDENTIFICATION		CONTAINERS		PRESERVATIVE	
1. Use One Line Per Preservation & Container Type		GRAB/COMP.		SIZE & TYPE	
DATE		DATE		DATE	
TIME		TIME		TIME	
See ELog		See ELog		See ELog	
1. # of Samples Collected: 102		DW		None	
2. Date Collected: 8/18/2017		DW		None	
3. See Elog for details		DW		None	
4.		DW		None	
5.		DW		None	
6.		DW		None	
7.		DW		None	
8.		DW		None	
9.		DW		None	
10.		DW		None	
11.		DW		None	
12.		DW		None	
COMMENTS & SPECIAL INSTRUCTIONS:		5. Retransmitted By		5. Retransmitted By	
MATERIALS: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water (SW), Ground Water (GW), Solid Waste (SA), Sludge (U), Wipe (P) CONTAINERS: 2oz, 4oz, Res. 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H ₂ SO ₄ , HCl, HNO ₃ , Methanol (MeOH), NaOH, Sodium Borates (NaB), NaHCO ₃		2. Retransmitted By		2. Retransmitted By	
Date 8/18/17		Date 8/21/17		Date 8/21/17	
Time 9:20		Time 11:34		Time 11:34	
Ice <input type="checkbox"/>		Ice <input type="checkbox"/>		Ice <input type="checkbox"/>	
Signature Ann M. Skeate		Signature [Signature]		Signature [Signature]	
Title [Title]		Title [Title]		Title [Title]	
Received By [Signature]		Received By [Signature]		Received By [Signature]	
Date 8/21/17		Date 8/21/17		Date 8/21/17	
Time 11:34		Time 11:34		Time 11:34	
Ice <input type="checkbox"/>		Ice <input type="checkbox"/>		Ice <input type="checkbox"/>	
Signature [Signature]		Signature [Signature]		Signature [Signature]	
Title [Title]		Title [Title]		Title [Title]	
Received By [Signature]		Received By [Signature]		Received By [Signature]	
Date 8/21/17		Date 8/21/17		Date 8/21/17	
Time 11:34		Time 11:34		Time 11:34	
Ice <input type="checkbox"/>		Ice <input type="checkbox"/>		Ice <input type="checkbox"/>	
Signature [Signature]		Signature [Signature]		Signature [Signature]	
Title [Title]		Title [Title]		Title [Title]	
Received By [Signature]		Received By [Signature]		Received By [Signature]	
Date 8/21/17		Date 8/21/17		Date 8/21/17	
Time 11:34		Time 11:34		Time 11:34	
Ice <input type="checkbox"/>		Ice <input type="checkbox"/>		Ice <input type="checkbox"/>	
Signature [Signature]		Signature [Signature]		Signature [Signature]	
Title [Title]		Title [Title]		Title [Title]	
Received By [Signature]		Received By [Signature]		Received By [Signature]	
Date 8/21/17		Date 8/21/17		Date 8/21/17	
Time 11:34		Time 11:34		Time 11:34	
Ice <input type="checkbox"/>		Ice <input type="checkbox"/>		Ice <input type="checkbox"/>	
Signature [Signature]		Signature [Signature]		Signature [Signature]	
Title [Title]		Title [Title]		Title [Title]	
Received By [Signature]		Received By [Signature]		Received By [Signature]	
Date 8/21/17		Date 8/21/17		Date 8/21/17	
Time 11:34		Time 11:34		Time 11:34	
Ice <input type="checkbox"/>		Ice <input type="checkbox"/>		Ice <input type="checkbox"/>	
Signature [Signature]		Signature [Signature]		Signature [Signature]	
Title [Title]		Title [Title]		Title [Title]	
Received By [Signature]		Received By [Signature]		Received By [Signature]	
Date 8/21/17		Date 8/21/17		Date 8/21/17	
Time 11:34		Time 11:34		Time 11:34	
Ice <input type="checkbox"/>		Ice <input type="checkbox"/>		Ice <input type="checkbox"/>	
Signature [Signature]		Signature [Signature]		Signature [Signature]	
Title [Title]		Title [Title]		Title [Title]	
Received By [Signature]		Received By [Signature]		Received By [Signature]	
Date 8/21/17		Date 8/21/17		Date 8/21/17	
Time 11:34		Time 11:34		Time 11:34	
Ice <input type="checkbox"/>		Ice <input type="checkbox"/>		Ice <input type="checkbox"/>	
Signature [Signature]		Signature [Signature]		Signature [Signature]	
Title [Title]		Title [Title]		Title [Title]	
Received By [Signature]		Received By [Signature]		Received By [Signature]	
Date 8/21/17		Date 8/21/17		Date 8/21/17	
Time 11:34		Time 11:34		Time 11:34	
Ice <input type="checkbox"/>		Ice <input type="checkbox"/>		Ice <input type="checkbox"/>	
Signature [Signature]		Signature [Signature]		Signature [Signature]	
Title [Title]		Title [Title]		Title [Title]	
Received By [Signature]		Received By [Signature]		Received By [Signature]	
Date 8/21/17		Date 8/21/17		Date 8/21/17	
Time 11:34		Time 11:34		Time 11:34	
Ice <input type="checkbox"/>		Ice <input type="checkbox"/>		Ice <input type="checkbox"/>	
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Title [Title]		Title [Title]		Title [Title]	
Received By [Signature]		Received By [Signature]		Received By [Signature]	
Date 8/21/17		Date 8/21/17		Date 8/21/17	
Time 11:34		Time 11:34		Time 11:34	
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**STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
NELAP - RECOGNIZED**



ENVIRONMENTAL LABORATORY ACCREDITATION

is hereby granted to

***SUBURBAN LABORATORIES, INC.
1950 SOUTH BATAVIA AVE., SUITE 150
GENEVA, IL 60134***

NELAP ACCREDITED
ACCREDITATION NUMBER #100225



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.: 004120
Expiration Date: 10/31/2017
Issued On: 04/05/2017

**State of Illinois
Environmental Protection Agency**

Certificate No.: 004120

Awards the Certificate of Approval to:

Suburban Laboratories, Inc.
1950 South Batavia Ave., Suite 150
Geneva, IL 60134

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.

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FOT Name: Drinking Water, Inorganic

Method: ASTM D516-90

Matrix Type: Potable Water

Sulfate

Method: SM2320B,21Ed

Matrix Type: Potable Water

Alkalinity

Method: SM2510B,18Ed

Matrix Type: Potable Water

Conductivity

Method: SM2540C,18Ed

Matrix Type: Potable Water

Total dissolved solids

Method: SM4500Cl-G,18Ed

Matrix Type: Potable Water

Chlorine (free,combined,total)

Method: SM4500CN-E,18Ed

Matrix Type: Potable Water

Cyanide

Method: SM4500F-C,18Ed

Matrix Type: Potable Water

Fluoride

Method: SM4500H-B,21Ed

Matrix Type: Potable Water

Hydrogen Ion (pH)

Method: SM4500NO2-B,21Ed

Matrix Type: Potable Water

Nitrite

Method: SM4500P-E,18Ed

Matrix Type: Potable Water

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FOT Name: Drinking Water, Inorganic

Method: SM4500P-E,18Ed

Matrix Type: Potable Water

Orthophosphate

Method: SM5310B,19Ed

Matrix Type: Potable Water

Total Organic Carbon (TOC)

Method: USEPA200.7R4.4

Matrix Type: Potable Water

Barium

Calcium

Chromium

Copper

Hardness (calc.)

Iron

Manganese

Nickel

Silica

Sodium

Zinc

Method: USEPA200.8R5.4

Matrix Type: Potable Water

Aluminum

Antimony

Arsenic

Barium

Beryllium

Cadmium

Chromium

Copper

Lead

Manganese

Mercury

Molybdenum

Nickel

Selenium

Silver

Thallium

Zinc

Method: USEPA245.1R3.0

Matrix Type: Potable Water

Mercury

Method: USEPA335.4R1.0

Matrix Type: Potable Water

Cyanide

Method: USEPA353.2R2.0

Matrix Type: Potable Water

Nitrate

FOT Name: Drinking Water, Organic

Method: USEPA504.1R1.1

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FOT Name: Drinking Water, Organic

Method: USEPA504.1R1.1

Matrix Type: Potable Water

1,2-Dibromo-3-chloropropane (DBCP)

1,2-Dibromoethane (EDB)

Method: USEPA505R2.1

Matrix Type: Potable Water

Aldrin

Chlordane total

Dieldrin

Endrin

gamma-BHC (Lindane)

Heptachlor

Heptachlor epoxide

Hexachlorobenzene

Hexachlorocyclopentadiene

Methoxychlor

PCB as Aroclor

Toxaphene

Method: USEPA515.4R1.0

Matrix Type: Potable Water

2,4,5-TP (Silvex)

2,4-D

Dalapon

Dinoseb

Pentachlorophenol

Picloram

Method: USEPA524.2R4.1

Matrix Type: Potable Water

1,1,1-Trichloroethane

1,1,2-Trichloroethane

1,1-Dichloroethene

1,2,4-Trichlorobenzene

1,2-Dichlorobenzene

1,2-Dichloroethane

1,2-Dichloropropane

1,4-Dichlorobenzene

Benzene

Bromodichloromethane

Bromoform

Bromomethane

Carbon tetrachloride

Chlorobenzene

Chlorodibromomethane

Chloroform

cis-1,2-Dichloroethene

Dichloromethane (Methylene chloride)

Ethylbenzene

Methyl tert-butyl ether (MTBE)

Styrene

Tetrachloroethene

Toluene

Total trihalomethanes

trans-1,2-Dichloroethene

Trichloroethylene

Vinyl chloride

Xylenes (total)

Method: USEPA525.2R2.0

Matrix Type: Potable Water

4,4'-DDT

Alachlor

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FOT Name: Drinking Water, Organic

Method: USEPA525.2R2.0

Matrix Type: Potable Water

Benzo(a)pyrene
DI (2-ethylhexyl) adipate
Metolachlor
Propachlor

Atrazine
Butachlor
Di (2-ethylhexyl) phthalate
Metribuzin
Simazine

Method: USEPA531.1R3.1

Matrix Type: Potable Water

3-Hydroxycarbofuran
Aldicarb sulfone
Carbaryl (Sevin)
Methomyl (Lannate)

Aldicarb (Temik)
Aldicarb sulfoxide
Carbofuran (Furaden)
Oxamyl

Method: USEPA552.3

Matrix Type: Potable Water

Dibromoacetic acid
Monobromoacetic acid
Trichloroacetic acid

Dichloroacetic acid
Monochloroacetic acid

FOT Name: Non Potable Water, Inorganic

Method: Hach 8000

Matrix Type: NPW/SCM

Chemical Oxygen Demand (COD)

Method: SM2320B,1997

Matrix Type: NPW/SCM

Alkalinity

Method: SM2510B,1997

Matrix Type: NPW/SCM

Specific conductance

Method: SM2540C,1997

Matrix Type: NPW/SCM

Residue (TDS)

Method: SM2540D,1997

Matrix Type: NPW/SCM

Residue (TSS)

Method: SM2540F,1997

Matrix Type: NPW/SCM

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FOT Name: Non Potable Water, Inorganic

Method: SM2540F,1997

Matrix Type: NPW/SCM

Residue (settleable)

Method: SM3500Cr-B,2009

Matrix Type: NPW/SCM

Chromium VI

Method: SM4500CL⁻-E,1997

Matrix Type: NPW/SCM

Chloride

Method: SM4500Cl-G,2000

Matrix Type: NPW/SCM

Chlorine, Total Residual

Method: SM4500CN-E,1999

Matrix Type: NPW/SCM

Cyanide

Method: SM4500CN-G,1999

Matrix Type: NPW/SCM

Cyanide, Available

Method: SM4500F-C,1997

Matrix Type: NPW/SCM

Fluoride

Method: SM4500H-B,2000

Matrix Type: NPW/SCM

Hydrogen Ion (pH)

Method: SM4500NH3-D,1997

Matrix Type: NPW/SCM

Ammonia

Method: SM4500NH3-G,1997

Matrix Type: NPW

Ammonia

Method: SM4500Norg-D,1997

Matrix Type: NPW/SCM

Total Kjeldahl Nitrogen

Method: SM4500P-E,1999

Matrix Type: NPW/SCM

Orthophosphate (as P)

Phosphorus

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FOT Name: Non Potable Water, Inorganic

Method: SM5210B,2001

Matrix Type: NPW/SCM

Biochemical oxygen demand (BOD)

Carbonaceous Biochemical Oxygen Demand (CBOI)

Method: SM5310B,2000

Matrix Type: NPW/SCM

Total Organic Carbon (TOC)

Method: SM5540C,2000

Matrix Type: NPW/SCM

Surfactants

Method: USEPA1664A

Matrix Type: NPW/SCM

Oil and Grease

Method: USEPA200.7,1994

Matrix Type: NPW/SCM

Aluminum

Antimony

Arsenic

Barium

Beryllium

Boron

Cadmium

Calcium

Chromium

Cobalt

Copper

Iron

Lead

Magnesium

Manganese

Molybdenum

Nickel

Potassium

Selenium

Silver

Sodium

Thallium

Titanium

Vanadium

Zinc

Method: USEPA200.8,1994

Matrix Type: NPW/SCM

Aluminum

Antimony

Arsenic

Barium

Beryllium

Boron

Cadmium

Chromium

Copper

Iron

Lead

Manganese

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FOT Name: Non Potable Water, Inorganic

Method: USEPA200.8,1994

Matrix Type: NPW/SCM

Nickel

Silver

Tin

Zinc

Molybdenum

Selenium

Thallium

Vanadium

Method: USEPA245.1R3.0,1994

Matrix Type: NPW/SCM

Mercury

Method: USEPA335.4R1.0,1993

Matrix Type: NPW/SCM

Cyanide

Method: USEPA353.2R2.0,1993

Matrix Type: NPW/SCM

Nitrate

Nitrate-nitrite (as N)

Method: USEPA420.1,1978

Matrix Type: NPW/SCM

Phenolics

FOT Name: Non Potable Water, Organic

Method: USEPA608

Matrix Type: NPW/SCM

4,4'-DDD

4,4'-DDT

alpha-BHC

Chlordane

Dieldrin

Endosulfan II

Endrin

gamma-BHC (Lindane)

Heptachlor epoxide

PCB-1016

PCB-1232

PCB-1248

PCB-1260

4,4'-DDE

Aldrin

beta-BHC

delta-BHC

Endosulfan I

Endosulfan sulfate

Endrin aldehyde

Heptachlor

Methoxychlor

PCB-1221

PCB-1242

PCB-1254

Toxaphene

Method: USEPA624

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FOT Name: Non Potable Water, Organic

Method: USEPA624

Matrix Type: NPW/SCM

1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane
1,1,2-Trichloroethane	1,1-Dichloroethane
1,1-Dichloroethene	1,2-Dichlorobenzene
1,2-Dichloroethane	1,2-Dichloropropane
1,3-Dichlorobenzene	1,4-Dichlorobenzene
2-Chloroethylvinyl ether	Acrolein (Propenal)
Acrylonitrile	Benzene
Bromodichloromethane	Bromoform
Bromomethane	Carbon tetrachloride
Chlorobenzene	Chloroethane
Chloroform	Chloromethane
cis-1,3-Dichloropropene	Dibromochloromethane
Dichloromethane (Methylene chloride)	Ethylbenzene
Methyl tert-butyl ether (MTBE)	Tetrachloroethene
Toluene	trans-1,2-Dichloroethene
trans-1,3-Dichloropropene	Trichloroethene
Trichlorofluoromethane	Vinyl chloride
Xylenes (total)	

Method: USEPA625

Matrix Type: NPW

Nitrobenzene

Matrix Type: NPW/SCM

1,2,4-Trichlorobenzene	1,2-Dichlorobenzene
1,3-Dichlorobenzene	1,4-Dichlorobenzene
2,4,5-Trichlorophenol	2,4,6-Trichlorophenol
2,4-Dichlorophenol	2,4-Dimethylphenol
2,4-Dinitrophenol	2,4-Dinitrotoluene (2,4-DNT)
2,6-Dinitrotoluene (2,6-DNT)	2-Chloronaphthalene
2-Chlorophenol	2-Methyl-4,6-dinitrophenol
2-Nitrophenol	3,3'-Dichlorobenzidine
4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol
4-Chlorophenyl phenyl ether	4-Nitrophenol
Acenaphthene	Acenaphthylene
Anthracene	Benzidine

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Suburban Laboratories, Inc.
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FOT Name: Non Potable Water, Organic

Method: USEPA625

Matrix Type: NPW/SCM

Benzo(a)pyrene
Benzo(g,h,i)perylene
Benzyl butyl phthalate
Bis(2-chloroethyl) ether
Chrysene
Diethyl phthalate
DI-n-butyl phthalate
Fluoranthene
Hexachlorobenzene
Hexachlorocyclopentadiene
Indeno(1,2,3-cd) pyrene
Naphthalene
N-Nitrosodi-n-propylamine
Pentachlorophenol
Phenol

Benzo(a)anthracene
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Bis(2-chloroethoxy) methane
Bis(2-ethylhexyl) phthalate
Dibenz(a,h)anthracene
Dimethyl phthalate
DI-n-octyl phthalate
Fluorene
Hexachlorobutadiene
Hexachloroethane
Isophorone
N-Nitrosodimethylamine
N-Nitrosodiphenylamine
Phenanthrene
Pyrene

FOT Name: Solid and Chemical Materials, Inorganic

Method: 1311

Matrix Type: NPW/SCM

TCLP (Organic and Inorganic)

Method: 1312

Matrix Type: NPW/SCM

Synthetic Precipitation Leaching Procedure

Method: 6010B

Matrix Type: NPW/SCM

Aluminum
Arsenic
Beryllium
Calcium
Cobalt
Iron
Magnesium
Molybdenum
Potassium

Antimony
Barium
Cadmium
Chromium
Copper
Lead
Manganese
Nickel
Selenium

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FOT Name: Solid and Chemical Materials, Inorganic

Method: 6010B

Matrix Type: NPW/SCM

Sodium

Vanadium

Silver

Thallium

Zinc

Method: 6020A

Matrix Type: NPW/SCM

Aluminum

Arsenic

Beryllium

Cadmium

Cobalt

Iron

Manganese

Nickel

Silver

Vanadium

Antimony

Barium

Boron

Chromium

Copper

Lead

Molybdenum

Selenium

Thallium

Zinc

Method: 7470A

Matrix Type: NPW/SCM

Mercury

Method: 7471B

Matrix Type: NPW/SCM

Mercury

Method: 9045C

Matrix Type: NPW/SCM

Hydrogen Ion (pH)

FOT Name: Solid and Chemical Materials, Organic

Method: 8081A

Matrix Type: NPW/SCM

4,4'-DDD

4,4'-DDT

alpha-BHC

beta-BHC

delta-BHC

Endosulfan I

Endosulfan sulfate

4,4'-DDE

Aldrin

alpha-Chlordane

Chlordane - not otherwise specified

Dieldrin

Endosulfan II

Endrin

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Geneva, IL 60134

FOT Name: Solid and Chemical Materials, Organic

Method: 8081A

Matrix Type: NPW/SCM

Endrin ketone
gamma-Chlordane
Heptachlor epoxide
Toxaphene

Endrin aldehyde
gamma-BHC (Lindane)
Heptachlor
Methoxychlor

Method: 8082

Matrix Type: NPW/SCM

PCB-1016
PCB-1232
PCB-1248
PCB-1260

PCB-1221
PCB-1242
PCB-1254

Method: 8151A

Matrix Type: NPW/SCM

2,4,5-TP (Silvex)

2,4-D

Method: 8260B

Matrix Type: NPW/SCM

1,1,1,2-Tetrachloroethane
1,1,1,2,2-Tetrachloroethane
1,1-Dichloroethane
1,1-Dichloropropene
1,2,3-Trichloropropane
1,2,4-Trimethylbenzene
1,2-Dibromoethane (EDB)
1,2-Dichloroethane
1,3,5-Trimethylbenzene
1,3-Dichloropropane
1,4-Dioxane
2-Butanone (Methyl ethyl ketone, MEK)
2-Chlorotoluene
4-Chlorotoluene
Acetone
Acrylonitrile
Benzene
Bromochloromethane

1,1,1-Trichloroethane
1,1,2-Trichloroethane
1,1-Dichloroethene
1,2,3-Trichlorobenzene
1,2,4-Trichlorobenzene
1,2-Dibromo-3-chloropropane (DBCP)
1,2-Dichlorobenzene
1,2-Dichloropropane
1,3-Dichlorobenzene
1,4-Dichlorobenzene
2,2-Dichloropropane
2-Chloroethyl vinyl ether
2-Hexanone
4-Methyl-2-pentanone (Methyl isobutyl ketone, MIBK)
Acrolein (Propenal)
Allyl chloride
Bromobenzene
Bromodichloromethane

State of Illinois
Environmental Protection Agency
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Certificate No.: 004120

Suburban Laboratories, Inc.
1950 South Batavia Ave., Suite 150
Geneva, IL 60134

FOT Name: Solid and Chemical Materials, Organic

Method: 8260B

Matrix Type: NPW/SCM

Bromomethane
Carbon tetrachloride
Chlorodibromomethane (Dibromochloromethane)
Chloroform
cis-1,2-Dichloroethene
Dibromomethane
Dichloromethane (Methylene chloride)
Ethylbenzene
Hexachloroethane
Methacrylonitrile
Methyl ethyl ketone
Methyl methacrylate
m-Xylene
n-Butylbenzene
o-Xylene
p-Xylene
Styrene
Tetrachloroethene
trans-1,2-Dichloroethene
Trichloroethene
Vinyl acetate
Xylenes (Total)

Bromoform
Carbon disulfide
Chlorobenzene
Chloroethane
Chloromethane
cis-1,3-Dichloropropene
Dichlorodifluoromethane
Ethyl methacrylate
Hexachlorobutadiene
Isopropylbenzene
Methyl acrylate
Methyl iodide (Iodomethane)
Methyl-t-butyl ether
Naphthalene
n-Propylbenzene
p-Isopropyltoluene
sec-Butylbenzene
tert-Butylbenzene
Toluene
trans-1,3-Dichloropropene
Trichlorofluoromethane
Vinyl chloride

Method: 8270C

Matrix Type: NPW/SCM

1,2,4-Trichlorobenzene
1,3-Dichlorobenzene
2,2-Oxybis (1-chloropropane)
2,4,6-Trichlorophenol
2,4-Dimethylphenol
2,4-Dinitrotoluene (2,4-DNT)
2-Chloronaphthalene
2-Methylnaphthalene
2-Nitrophenol
3-Nitroaniline

1,2-Dichlorobenzene
1,4-Dichlorobenzene
2,4,5-Trichlorophenol
2,4-Dichlorophenol
2,4-Dinitrophenol
2,6-Dinitrotoluene (2,6-DNT)
2-Chlorophenol
2-Nitroaniline
3,3'-Dichlorobenzidine
4,6-Dinitro-2-methylphenol

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FOT Name: Solid and Chemical Materials, Organic

Method: 8270C

Matrix Type: NPW/SCM

4-Chloro-3-methylphenol
4-Chlorophenyl phenyl ether
4-Nitrophenol
Acenaphthylene
Benzidine
Benzo(a)pyrene
Benzo(g,h,i)perylene
Benzoic acid
Bis(2-chloroethoxy) methane
Bis(2-ethylhexyl) phthalate
Carbazole
Dibenz(a,h)anthracene
Diethyl phthalate
DI-n-butyl phthalate
Fluoranthene
Hexachlorobenzene
Hexachlorocyclopentadiene
Indeno(1,2,3-cd) pyrene
m-Cresol (3-Methylphenol)
Nitrobenzene
N-Nitrosodi-n-propylamine
o-Cresol (2-Methylphenol)
Pentachlorophenol
Phenol
Pyridine

4-Bromophenyl phenyl ether
4-Chloroaniline
4-Nitroaniline
Acenaphthene
Anthracene
Benzo(a)anthracene
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Benzyl alcohol
Bis(2-chloroethyl) ether
Butyl benzyl phthalate
Chrysene
Dibenzofuran
Dimethyl phthalate
DI-n-octyl phthalate
Fluorene
Hexachlorobutadiene
Hexachloroethane
Isophorone
Naphthalene
N-Nitrosodimethylamine
N-Nitrosodiphenylamine
p-Cresol (4-Methylphenol)
Phenanthrene
Pyrene

