Lead Testing in Drinking Water

(For Compliance with Public Act 099-0922)

Site:
Hudson Elementary School
205 S. Mclean Street
Hudson, IL 61748

Local Education Agency:
McLean County U.D. 5

Completion Date:
August 23, 2017

IDEAL
ENVIRONMENTAL
ENGINEERING, INC.

Scope of Service

On August 23, 2017, Ideal Environmental Engineering (IDEAL) performed water sampling at Hudson Elementary School in Hudson, 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 48 water samples were collected from 24 sources. Of the 48 samples collected, the 19 samples shown in Table 1.1 were found to contain lead. Seven (7) of the samples show a level exceeding IDPH's notification limit of 5 ppb. Refer to Attachment A for specific notification requirements for Hudson Elementary School.

Table 1.1

Sample ID	Sample Location Description	Fixture Type	Sample Type	Concentration
HES-3	Kitchen Hand Sink	KS - Kitchen Sink	First Draw	138 ppb
HES-4	Kitchen Pre-Rinse Sink	KS - Kitchen Sink	First Draw	3.28 ppb
HES-5	Kitchen 3 Compartment Sink -Right	KS - Kitchen Sink	First Draw	2.38 ppb
HES-6	Kitchen 3 Compartment Sink -Left	KS - Kitchen Sink	First Draw	4.50 ppb
HES-8	Room 31 Sink	S - Sink	First Draw	6.19 ppb
HES-9	Room 33 Sink	S - Sink	First Draw	2.79 ppb
HEF-9	Room 33 Sink	S - Sink	Flush	3.40 ppb
HES-10	Room 35 Sink	S - Sink	First Draw	4.72 ppb
HES-11	Room 34 Sink	S - Sink	First Draw	12.7 ppb
HEF-11	Room 34 Sink	S - Sink	Flush	15.0 ppb
HES-12	Room 32 Sink	S - Sink	First Draw	5.44 ppb
HEF-13	Room 30 Sink	S - Sink	Flush	3.21 ppb
HES-16	Room 12 Sink	S - Sink	First Draw	3.75 ppb

Sample ID	Sample Location Description	Fixture Type	Sample Type	Concentration
HES-17	Room 15 Sink	S - Sink	First Draw	90.5 ppb
HEF-17	Room 15 Sink	S - Sink	Flush	3.41 ppb
HES-18	Room 19 Sink	S - Sink	First Draw	101 ppb
HEF-18	Room 19 Sink	S - Sink	Flush	2.24 ppb
HES-21	Room 18 Sink	S - Sink	First Draw	4.59 ppb
HES-24	Nurse's Office Sink	S - Sink	First Draw	3.51 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 Hudson 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.

ATTACHMENT B

Sample Notification Letter

<DATE>

Re: Hudson Elementary School – Lead in Drinking Water Notification

On August 23, 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 Hand Sink	KS - Kitchen Sink	138 ppb
Room 31 Sink	S - Sink	6.19 ppb
Room 34 Sink	S - Sink	12.7 ppb
Room 34 Sink	S - Sink	15.0 ppb
Room 32 Sink	S - Sink	5.44 ppb
Room 15 Sink	S - Sink	90.5 ppb
Room 19 Sink	S - Sink	101 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>

ATTACHMENT C

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

September 01, 2017

Workorder: 1708N12

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

TEL: (309) 828-4259
FAX:
RE: Hudson Elementary Drinking Water Lead Analysis

Dear Janelle Weber:

Suburban Laboratories, Inc. received 48 sample(s) on 8/28/2017 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. 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,

Candra A. Rasmussen

Candy Rasmussen

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

Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Case Narrative

Client: Ideal Environmental Engineering, Inc
Project: Hudson Elementary Drinking Water Lead Analy
WorkOrder: 1708N12
Temperature of samples upon receipt at SLI: C

Date: September 01, 2017
PO #:
QC Level:
Chain of Custody #: EV

General Comments:
- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All radiological results are reported to the 95% confidence level.

Abbreviations:
- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:
For a complete list of method references please contact us.
- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

1708N12-001A-048A was preserved in the lab.

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

Client ID: Ideal Environmental Engineering, Inc
Project Name: Hudson Elementary Drinking Water Lead Analysis

Report Date: September 01, 2017
Workorder: 1708N12

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
1708N12-001A	HES-1~Room 3 Sink~First Draw	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-002A	HEF-1~Room 3 Sink~Flush	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-003A	HES-2~Gym Fountain~First Draw	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-004A	HEF-2~Gym Fountain~Flush	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-005A	HES-3~Kitchen Hand Sink~First Draw	138	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-006A	HEF-3~Kitchen Hand Sink~Flush	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-007A	HES-4~Kitchen Pre-Rinse Sink~First Draw	3.28	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-008A	HEF-4~Kitchen Pre-Rinse Sink~Flush	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-009A	HES-5~Kitchen 3 Compartment Sink - Right~First Draw	2.38	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-010A	HEF-5~Kitchen 3 Compartment Sink - Right~Flush	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-011A	HES-6~Kitchen 3 Compartment Sink - Left~First Draw	4.50	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-012A	HEF-6~Kitchen 3 Compartment Sink - Left~Flush	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-013A	HES-7~Fountain by Hall Restrooms (25/26)~First Draw	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-014A	HEF-7~Fountain by Hall Restrooms (25/26)~Flush	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-015A	HES-8~Room 31 Sink~First Draw	6.19	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-016A	HEF-8~Room 31 Sink~Flush	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-017A	HES-9~Room 33 Sink~First Draw	2.79	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-018A	HEF-9~Room 33 Sink~Flush	3.40	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-019A	HES-10~Room 35 Sink~First Draw	4.72	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-020A	HEF-10~Room 35 Sink~Flush	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-021A	HES-11~Room 34 Sink~First Draw	12.7	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-022A	HEF-11~Room 34 Sink~Flush	15.0	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017

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

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

Client ID: Ideal Environmental Engineering, Inc
Project Name: Hudson Elementary Drinking Water Lead Analysis

Report Date: September 01, 2017
Workorder: 1708N12

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
1708N12-023A	HES-12~Room 32 Sink~First Draw	5.44	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-024A	HEF-12~Room 32 Sink~Flush	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-025A	HES-13~Room 30 Sink~First Draw	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-026A	HEF-13~Room 30 Sink~Flush	3.21	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-027A	HES-14~Fountain Hall by Rooms 32/30~First Draw	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-028A	HEF-14~Fountain Hall by Rooms 32/30~Flush	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-029A	HES-15~Fountain Hall by Room 2~First Draw	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-030A	HEF-15~Fountain Hall by Room 2~Flush	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-031A	HES-16~Room 12 Sink~First Draw	3.75	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-032A	HEF-16~Room 12 Sink~Flush	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-033A	HES-17~Room 15 Sink~First Draw	90.5	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-034A	HEF-17~Room 15 Sink~Flush	3.41	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-035A	HES-18~Room 19 Sink~First Draw	101	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-036A	HEF-18~Room 19 Sink~Flush	2.24	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-037A	HES-19~Fountain Hall by Rooms 18/20~First Draw	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-038A	HEF-19~Fountain Hall by Rooms 18/20~Flush	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-039A	HES -20~Room 20 Sink~First Draw	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-040A	HEF-20~Room 20 Sink~Flush	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-041A	HES-21~Room 18 Sink~First Draw	4.59	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-042A	HEF-21~Room 18 Sink~Flush	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-043A	HES-22~Room 17 Sink~First Draw	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-044A	HEF-22~Room 17 Sink~Flush	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-045A	HES-23~Room 16 Sink~First Draw	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-046A	HEF-23~Room 16 Sink~Flush	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017

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

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

Client ID: Ideal Environmental Engineering, Inc
Project Name: Hudson Elementary Drinking Water Lead Analysis

Report Date: September 01, 2017
Workorder: 1708N12

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
1708N12-047A	HES-24~Nurse's Office Sink~First Draw	3.51	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017
1708N12-048A	HEF-24~Nurse's Office Sink~Flush	ND	2.00	µg/L	8/22/2017 20:00	8/23/2017	8/31/2017

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

SUBURBAN LABORATORIES, Inc.

4140 Litt Drive Hillside, IL 60162 Tel. 708.544.3260 Fax. 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

Electronic Version

Company Name: Ideal Environmental Engineering, Inc.
Company Address: 2904 Tractor Lane
City: Bloomington State: IL Zip: 61704
Phone: 309-828-4259 Fax: 309-828-5735 ☐ Fax Report
Email Address: leadinwater@idealenvironmental.com
Project ID / Location: J#20060F-McLean Co. UD 5 - Hudson Elem.
Project Manager (Report to): Lead-In-Water
Sample Collector(s): Pete Alfieri

TURNAROUND TIME REQUESTED
☑ Normal ☐ RUSH* *Additional Rush Charges Approved
*Date & Time Needed:
Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program (Required) ☐ None/Info only
☐ LUST ☐ SRP ☐ SDWA
☐ 503 Sludge ☐ NPDES ☐ MWRDGC
☐ Disposal ☑ Other *Please specify in comment section below.

ANALYSIS & METHOD REQUESTED
Enter an "X" in box below for request

Page of
PO No
Shipping Method
QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY
SLI Order No: 1708N12
Sample containers supplied by customer? ☐ Yes
Temperature of Received Samples °C
Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	R	Condition	Spl#	LAB #
1	# of Samples Collected: 48	See ELog	See ELog	DW			See ELog	None				
2	Date Collected: 8-23-17			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				

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) CONTAINER: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube Glass (G), Plastic (P) PRESERVATIVE: H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS

CONDITION CODES
1 Improper/damaged container/cap
2 Improper preservation
3. Insufficient sample volume
4 Headspace/air bubbles for VOCs
5. Received past holding time
6. Received frozen
7 Label conflicts with COC

1. Relinquished By	Date	2. Relinquished By	Date	3. Relinquished By	Date	4 Relinquished By	Date
	8-23-17	CO - PW	8/28/17		8/28/17		
Received By	**Time**	**Received By**	**Time**	**Received By**	**Time**	**Received By**	**Time**
CO - PW ☐ Ice	8-23-17	☐ Ice	9 45	☐ Ice	17:02	☐ Ice	

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

ATTACHMENT C

1708N12

FIELD DATA FORM

School/Facility Name
Hudson Elem. School
ISBE ID (ex:01-001-0001-01-00001)
17-064-0050-26-2009

Address
205 S. McLean Street Hudson, IL 61748

Sample Collector Names(s
Pete Altieri

All samples must be collected in unpreserved

Water system last used Date: 08/22/2017 Time 8:00 p.m.

	Bldg. ID	Bldg. Desc	Sample ID#	Sample Loc. Desc	Collection Date MMDDYYYY	Collection Time HH24MM	Fixture Type	Sample Type	Sample Vol.
	0001	Main Building	01	1st Floor Classroom	02232017	800	O - Other	First Draw	250
	0001	Main Building	01A	1st Floor Classroom	02232017	800	S - Sink	Flush	250
1	0001	Hudson Elem	HES-1	Room [illegible] Sink	08/23/2017	4 08	S - Sink	First Draw	250
2	0001	Hudson Elem	HEF-1	Room [illegible] Sink	08/23/2017	4 09	S - Sink	Flush	250
3	0001	Hudson Elem	HES-2	Gym Fountain	08/23/2017	4 11	O - Other	First Draw	250
4	0001	Hudson Elem	HEF-2	Gym Fountain	08/23/2017	4 14	O - Other	Flush	250
5	0001	Hudson Elem	HES-3	Kitchen Hand Sink	08/23/2017	4 21	S - Sink	First Draw	250
6	0001	Hudson Elem	HEF-3	Kitchen Hand Sink	08/23/2017	4 22	S - Sink	Flush	250
7	0001	Hudson Elem	HES-4	Kitchen Pre-Rinse Sink	08/23/2017	4 22	S - Sink	First Draw	250
8	0001	Hudson Elem	HEF-4	Kitchen Pre Rinse Sink	08/23/2017	4 23	S - Sink	Flush	250
9	0001	Hudson Elem	HES-5	Kitchen 3 Compartment Sink [illegible]	08/23/2017	4 24	S - Sink	First Draw	250
10	0001	Hudson Elem	HEF-5	Kitchen 3 Compartment Sink [illegible]	08/23/2017	4 24	S - Sink	Flush	250
11	0001	Hudson Elem	HES-6	Kitchen 3 Compartment Sink Left	08/23/2017	4 25	S - Sink	First Draw	250
12	0001	Hudson Elem	HEF-6	Kitchen 3 Compartment Sink Left	08/23/2017	4 25	S - Sink	Flush	250
13	0001	Hudson Elem	HES-7	Fountain by [illegible]	08/23/2017	4 28	O - Other	First Draw	250
14	0001	Hudson Elem	HEF-7	Fountain by [illegible]	08/23/2017	4 29	O - Other	Flush	250
15	0001	Hudson Elem	HES-8	Room 31 Sink	08/23/2017	4 33	S - Sink	First Draw	250
16	0001	Hudson Elem	HEF-8	Room 31 Sink	08/23/2017	4 34	S - Sink	Flush	250
17	0001	Hudson Elem	HES-9	Room 33 Sink	08/23/2017	4 39	S - Sink	First Draw	250
18	0001	Hudson Elem	HEF-9	Room 33 Sink	08/23/2017	4 40	S - Sink	Flush	250
19	0001	Hudson Elem	HES-10	Room 35 Sink	08/23/2017	4 40	S - Sink	First Draw	250
20	0001	Hudson Elem	HEF-10	Room 35 Sink	08/23/2017	4 41	S - Sink	Flush	250
21	0001	Hudson Elem	HES-11	Room 34 Sink	08/23/2017	4 44	S - Sink	First Draw	250
22	0001	Hudson Elem	HEF-11	Room 34 Sink	08/23/2017	4 45	S - Sink	Flush	250
23	0001	Hudson Elem	HES-12	Room 32 Sink	08/23/2017	4 46	S - Sink	First Draw	250
24	0001	Hudson Elem	HEF-12	Room 32 Sink	08/23/2017	4 47	S - Sink	Flush	250
25	0001	Hudson Elem	HES-13	Room 30 Sink	08/23/2017	4 48	S - Sink	First Draw	250
26	0001	Hudson Elem	HEF-13	Room 30 Sink	08/23/2017	4 49	S - Sink	Flush	250
27	0001	Hudson Elem	HES-14	Fountain Hall by Rooms [illegible]	08/23/2017	4 51	O - Other	First Draw	250
28	0001	Hudson Elem	HEF-14	Fountain Hall by Rooms [illegible]	08/23/2017	4:52	O - Other	Flush	250
29	0001	Hudson Elem	HES-15	Fountain Hall by Room 2	08/23/2017	4 58	O - Other	First Draw	250
30	0001	Hudson Elem	HEF-15	Fountain Hall by Room 2	08/23/2017	4 59	O - Other	Flush	250
31	0001	Hudson Elem	HES-16	Room 12 Sink	08/23/2017	5 06	S - Sink	First Draw	250
32	0001	Hudson Elem	HEF-16	Room 12 Sink	08/23/2017	5 07	S - Sink	Flush	250
33	0001	Hudson Elem	HES-17	Room 15 Sink	08/23/2017	5 09	S - Sink	First Draw	250
34	0001	Hudson Elem	HEF-17	Room 15 Sink	08/23/2017	5 10	S - Sink	Flush	250
35	0001	Hudson Elem	HES-18	Room 19 Sink	08/23/2017	5 12	S - Sink	First Draw	250
36	0001	Hudson Elem	HEF-18	Room 19 Sink	08/23/2017	5 13	S - Sink	Flush	250
37	0001	Hudson Elem	HES-19	Fountain Hall by Rooms [illegible]	08/23/2017	5 15	O - Other	First Draw	250
38	0001	Hudson Elem	HEF-19	Fountain Hall by Rooms [illegible]	08/23/2017	5 16	O - Other	Flush	250
39	0001	Hudson Elem	HES-20	Room 20 Sink	08/23/2017	5 19	S - Sink	First Draw	250
40	0001	Hudson Elem	HEF-20	Room 20 Sink	08/23/2017	5 20	S - Sink	Flush	250
41	0001	Hudson Elem	HES-21	Room 18 Sink	08/23/2017	5 21	S - Sink	First Draw	250
42	0001	Hudson Elem	HEF-21	Room 18 Sink	08/23/2017	5 22	S - Sink	Flush	250
43	0001	Hudson Elem	HES-22	Room 17 Sink	08/23/2017	5 24	S - Sink	First Draw	250
44	0001	Hudson Elem	HEF-22	Room 17 Sink	08/23/2017	5 25	S - Sink	Flush	250
45	0001	Hudson Elem	HES-23	Room 16 Sink	08/23/2017	5 25	S - Sink	First Draw	250
46	0001	Hudson Elem	HEF-23	Room 16 Sink	08/23/2017	5 28	S - Sink	Flush	250
47	0001	Hudson Elem	HES-24	Nurse's Office Sink	08/23/2017	5 31	S - Sink	First Draw	250
48	0001	Hudson Elem	HEF-24	Nurse's Office Sink	08/23/2017	5 32	S - Sink	Flush	250
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									

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 D. 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.

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.

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

State of Illinois
Environmental Protection Agency

Certificate No.: 004120

Awards the Certificate of Approval

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

FOT Name: Drinking Water, Inorganic

Matrix Type: Potable Water

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

Method: SM4500P-E,18Ed

Orthophosphate

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

FOT Name: Drinking Water, Organic

Matrix Type: Potable Water

Method: USEPA504.1R1.1

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

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

FOT Name: Drinking Water, Organic

Matrix Type: Potable Water

Method: USEPA525.2R2.0

Benzo(a)pyrene	Atrazine
DI (2-ethylhexyl) adipate	Butachlor
Metolachlor	DI (2-ethylhexyl) phthalate
Propachlor	Metribuzin
	Simazine

Method: USEPA531.1R3.1

Matrix Type: Potable Water

3-Hydroxycarbofuran	Aldicarb (Temik)
Aldicarb sulfone	Aldicarb sulfoxide
Carbaryl (Sevin)	Carbofuran (Furaden)
Methomyl (Lannate)	Oxamyl

Method: USEPA552.3

Matrix Type: Potable Water

Dibromoacetic acid	Dichloroacetic acid
Monobromoacetic acid	Monochloroacetic acid
Trichloroacetic 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

State of Illinois
Environmental Protection Agency

Certificate No.: 004120

Awards the Certificate of Approval

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

FOT Name: Non Potable Water, Inorganic

Matrix Type: NPW/SCM

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)

Method: SM2540F,1997

Residue (settleable)

Phosphorus

State of Illinois
Environmental Protection Agency

Certificate No.: 004120

Awards the Certificate of Approval

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

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

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

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

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

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

FOT Name: Non Potable Water, Organic

Method: USEPA625

Matrix Type: NPW/SCM

Benzo(a)pyrene	Benzo(a)anthracene
Benzo(g,h,I)perylene	Benzo(b)fluoranthene
Benzyl butyl phthalate	Benzo(k)fluoranthene
Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane
Chrysene	Bis(2-ethylhexyl) phthalate
Diethyl phthalate	Dibenz(a,h)anthracene
Di-n-butyl phthalate	Dimethyl phthalate
Fluoranthene	Di-n-octyl phthalate
Hexachlorobenzene	Fluorene
Hexachlorocyclopentadiene	Hexachlorobutadiene
Indeno(1,2,3-cd) pyrene	Hexachloroethane
Naphthalene	Isophorone
N-Nitrosodi-n-propylamine	N-Nitrosodimethylamine
Pentachlorophenol	N-Nitrosodiphenylamine
Phenol	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	Antimony
Arsenic	Barium
Beryllium	Cadmium
Calcium	Chromium
Cobalt	Copper
Iron	Lead
Magnesium	Manganese
Molybdenum	Nickel
Potassium	Selenium

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

FOT Name: Solid and Chemical Materials, Inorganic

Method: 6010B

Matrix Type: NPW/SCM

Sodium
Silver
Thallium
Vanadium
Zinc

Method: 6020A

Matrix Type: NPW/SCM

Aluminum
Antimony
Arsenic
Barium
Beryllium
Boron
Cadmium
Chromium
Cobalt
Copper
Iron
Lead
Manganese
Molybdenum
Nickel
Selenium
Silver
Thallium
Vanadium
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'-DDE
4,4'-DDT
Aldrin
alpha-BHC
alpha-Chlordane
beta-BHC
Chlordane - not otherwise specified
delta-BHC
Dieldrin
Endosulfan I
Endosulfan II
Endosulfan sulfate
Endrin

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

FOT Name: Solid and Chemical Materials, Organic

Method: 8081A

Matrix Type: NPW/SCM

Endrin ketone
Endrin aldehyde
gamma-Chlordane
gamma-BHC (Lindane)
Heptachlor epoxide
Heptachlor
Toxaphene
Methoxychlor

Method: 8082

Matrix Type: NPW/SCM

PCB-1016
PCB-1221
PCB-1232
PCB-1242
PCB-1248
PCB-1254
PCB-1260

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-Trichloroethane
1,1,2,2-Tetrachloroethane
1,1,2-Trichloroethane
1,1-Dichloroethane
1,1-Dichloroethene
1,1-Dichloropropene
1,2,3-Trichlorobenzene
1,2,3-Trichloropropane
1,2,4-Trichlorobenzene
1,2,4-Trimethylbenzene
1,2-Dibromo-3-chloropropane (DBCP)
1,2-Dibromoethane (EDB)
1,2-Dichlorobenzene
1,2-Dichloroethane
1,2-Dichloropropane
1,3,5-Trimethylbenzene
1,3-Dichlorobenzene
1,3-Dichloropropane
1,4-Dichlorobenzene
1,4-Dioxane
2,2-Dichloropropane
2-Butanone (Methyl ethyl ketone, MEK)
2-Chloroethyl vinyl ether
2-Chlorotoluene
2-Hexanone
4-Chlorotoluene
4-Methyl-2-pentanone (Methyl isobutyl ketone, MIBK
Acetone
Acrolein (Propenal)
Acrylonitrile
Allyl chloride
Benzene
Bromobenzene
Bromochloromethane
Bromodichloromethane

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

FOT Name: Solid and Chemical Materials, Organic

Matrix Type: NPW/SCM

Method: 8260B

- Bromomethane
- Bromoform
- Carbon disulfide
- Carbon tetrachloride
- Chlorobenzene
- Chlorodibromomethane (Dibromochloromethane)
- Chloroethane
- Chloroform
- Chloromethane
- cis-1,2-Dichloroethene
- cis-1,3-Dichloropropene
- Dibromomethane
- Dichlorodifluoromethane
- Dichloromethane (Methylene chloride)
- Ethyl methacrylate
- Ethylbenzene
- Hexachlorobutadiene
- Hexachloroethane
- Isopropylbenzene
- Methacrylonitrile
- Methyl acrylate
- Methyl ethyl ketone
- Methyl iodide (Iodmethane)
- Methyl methacrylate
- Methyl-t-butyl ether
- m-Xylene
- Naphthalene
- n-Butylbenzene
- n-Propylbenzene
- o-Xylene
- p-Isopropyltoluene
- p-Xylene
- sec-Butylbenzene
- Styrene
- tert-Butylbenzene
- Tetrachloroethene
- Toluene
- trans-1,2-Dichloroethene
- trans-1,3-Dichloropropene
- Trichloroethene
- Trichlorofluoromethane
- Vinyl acetate
- Vinyl chloride
- Xylenes (Total)

Method: 8270C

Matrix Type: NPW/SCM

- 1,2,4-Trichlorobenzene
- 1,2-Dichlorobenzene
- 1,3-Dichlorobenzene
- 1,4-Dichlorobenzene
- 2,2-Oxybis (1-chloropropane)
- 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-Methylnaphthalene
- 2-Nitroaniline
- 2-Nitrophenol
- 3,3'-Dichlorobenzidine
- 3-Nitroaniline
- 4,6-Dinitro-2-methylphenol

State of Illinois
Environmental Protection Agency

Certificate No.: 004120

Awards the Certificate of Approval

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

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)perlyene
- 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

Ideal Environmental Engineering, Inc. • 2904 Tractor Lane • Bloomington, Illinois 61704-9163
(800) 535-0964 in Illinois • (309) 828-4259 • Fax (309) 828-5735 • www.idealenvironmental.com