REPORT OF DRINKING WATER SAMPLING FOR LEAD CONTENT AT:

HOLT HIGH SCHOOL
#600 CAMPUS DRIVE
WENTZVILLE, MISSOURI 63385

PREPARED FOR:

MRS. ANGELA HAWKINS
DIRECTOR OF MAINTENANCE
WENTZVILLE R-IV SCHOOL DISTRICT
101 SUPPORT SERVICE DRIVE
WENTZVILLE, MISSOURI 63385

PREPARED BY:

J.S. HELD, LLC
#6 MEADOW HEIGHTS PROFESSIONAL PARK
COLLINSVILLE, ILLINOIS 62234
(618) 343-3590

OCTOBER 2023

DOCUMENT TO BE RETAINED INDEFINITELY

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23-0-448
Drinking Water Sampling for Lead
Wentzville R-IV School District
Holt High School
#600 Campus Drive
Wentzville, Missouri 63385

EXECUTIVE SUMMARY

6 Meadow Heights Professional Park Drive
Collinsville, IL 62234 | US

jsheld.com

October 31, 2023

Mrs. Angela Hawkins
Director of Maintenance
Wentzville R-IV School District
101 Support Service Drive
Wentzville, Missouri 63385

Subject: Results of Drinking Water Testing for Lead Content

Site(s): Holt High School
600 Campus Drive,
Wentzville, Missouri 63385

Dear Mrs. Hawkins

On the morning of October 17, 2023, J.S. Held, LLC performed lead testing of multiple water sources at Holt High School located at 600 Campus Drive in Wentzville, Missouri. The sampling was performed by trained and licensed personnel in accordance with USEPA, HUD and State of Missouri Regulations and Guidelines. Work was performed in accordance with the newly amended Missouri Senate Bill 681.

All inspectors involved with sampling activities had EPA approved training in lead. Certifications for our firm and the inspector collecting the samples are included as Appendix C to this document.

All samples were collected on a "first draw" and "second draw" basis. "First draw" is achieved by allowing the water system to rest for at least eight hours prior to sampling in order to collect any existing debris or settlement within the sample. The intent of this sampling is to replicate "worst case scenario" conditions. J.S. Held, LLC proposes to collect a second sample from each source as a "follow-up sample" per the Missouri Senate Bill 681 requirements. As such, J.S. Held, LLC inspectors met at the school at 4:00 a.m. to collect water samples before the systems were used by staff or students. The State of Missouri and other regulatory agencies recommend that water sources run for at least thirty seconds and as long as two minutes prior to use to avoid settling within the water system.

Drinking water samples were collected from sixty eight (68) different locations throughout Holt High School during the sampling event. The water samples were collected from drinking fountains and sinks potentially utilized for cooking or drinking activities at the campus. After sample collection, samples were immediately iced down and delivered to Teklab, Inc. located in Collinsville, Illinois following strict chain of custody procedures. Teklab is a NELAP accredited and State of Illinois licensed laboratory specializing in drinking water analysis. Detailed sampling locations and sample results are located in Appendix A of this report.

The analytical sensitivity utilized for the analysis of the water samples submitted identified a reporting limit (RL) of 1.0 micrograms per liter (µg/L). The analytical sensitivity utilized for the analysis of the water samples submitted identified a reporting limit (RL) of 1.0 microgram of lead per liter (µg/L). This reporting value equates to 1.0 parts per billion (ppb) of lead. The USEPA action level for lead in drinking water is 15.0 ppb for PSW. The USEPA document titled "Lead in Drinking Water at Schools and Child Care Facilities" last updated November 9, 2015 identifies an action level for drinking water collected from a plumbing fixture as 20.0 ppb. **Two samples collected from the selected locations at Holt High School reported sample results which were higher than the USEPA action level.** This information can be found under the National Primary Drinking Water Regulations provided by the EPA, CFR 2010 Title 40. (See Appendix A and B for Sample Results) The Missouri Senate Bill 1075 require potable plumbing fixtures to be less than 5.0 ppb, the levels area above 5 ppb, then action shall be necessary to filter the water from the fixture or clean/repair/replace the fixture and retest until the levels are reported below 5 ppb. **Eight (8) samples collected from the selected locations at the Holt High School reported a sample result which is above 5 ppb** (See Appendix A and B for Sample Results)

The following results are greater than the 5 ppb requirements under Senate Bill 681.

Sample ID 11A	**Room A338 Pre-K – Sink**	**(16.2 ppb)**
Sample ID 14B	**Near Room A401 Guidance Office (Right) – Fountain**	**(6.8 ppb)**
Sample ID 42B	**Near Room B426 – Fountain**	**(5.4 ppb)**
Sample ID 47A	**South Kitchen Middle (Left)– Sink**	**(6.4 ppb)**
Sample ID 51A	**North Kitchen- Dishwashing Sink (Left) – Sink**	**(9.9 ppb)**
Sample ID 53A	**North Kitchen- Dishwashing Sink (Right) – Sink**	**(5.8 ppb)**
Sample ID 57A	**North Kitchen- Middle Section (Middle) – Sink**	**(23.2 ppb)**
Sample ID 58A	**North Kitchen- Middle Section (Left) – Sink**	**(10.8 ppb)**

At this time all water sources testing at 5 ppb or above should be removed from service until filtration can be added or these sources are repaired/replaced and retested reporting under 5 ppb. These sources are subject to additional maintenance activities and response actions prior to use. Before being put back in service. In addition, all sources will be subject to an ongoing maintenance program and re-testing at appropriate intervals. **The**

district will be required to provide notification to parents and staff within 7 days of receiving these sample results and results shall be posted on the district website within 2 weeks. Any samples reported over 5 ppb should be re-sampled on an annual basis at a minimum.

J.S. Held recommends that all water sources run for at least thirty seconds prior to use as recommended by the USEPA.

J.S. Held, LLC is pleased to provide this information to Wentzville R-IV School District and we appreciate the opportunity to provide quality environmental consulting services. Please call us at (618) 343-3590 if you have any questions or to arrange a meeting to discuss.

Sincerely,
J.S. Held, LLC
Jim Yasitis
Jim Yasitis
Vice President of Environmental Health & Safety

APPENDIX A
SAMPLE LOCATIONS & RESULTS

TABLE 1

Drinking Water Sampling for Lead Content
Wentzville R-IV School District
Holt High School
Sampled: October 17, 2023

Sample ID	Location	Water Source	Results (ppb)
01A	Near Room A310	Fountain	1.2
01B	Near Room A310	Fountain	1.3
02A	Near Room A342 (Right)	Fountain	<1.0
02B	Near Room A342 (Right)	Fountain	<1.0
03A	Near Room A342 (Left)	Fountain	<1.0
03B	Near Room A342 (Left)	Fountain	<1.0
04A	3rd Floor Addition Room 504 (Right)	Fountain	<1.0
04B	3rd Floor Addition Room 504 (Right)	Fountain	<1.0
05A	3rd Floor Addition Room 504 (Left)	Fountain	<1.0
05B	3rd Floor Addition Room 504 (Left)	Fountain	<1.0
06A	Food Lab Room A336 West Island	Sink	1.5
06B	Food Lab Room A336 West Island	Sink	1.3
07A	Food Lab Room A336 Dishwashing West	Sink	<1.0
07B	Food Lab Room A336 Dishwashing West	Sink	<1.0
08A	Food Lab Room A336 North 3-bay (Right)	Sink	<1.0
08B	Food Lab Room A336 North 3-bay (Right)	Sink	<1.0
09A	Food Lab Room A336 North 3-bay (Left)	Sink	<1.0
09B	Food Lab Room A336 North 3-bay (Left)	Sink	<1.0
10A	Food Lab Room A336 North 2-bay	Sink	<1.0
10B	Food Lab Room A336 North 2-bay	Sink	<1.0
11A	Food Lab Room A338 Pre-K	Sink	16.2
11B	Food Lab Room A338 Pre-K	Sink	2.9
12A	Near Room A415 (Right)	Fountain	2.7
12B	Near Room A415 (Right)	Fountain	3.0
13A	Near Room A415 (Left)	Fountain	2.2
13B	Near Room A415 (Left)	Fountain	2.7
14A	Near Room A401 Guidance Office (Right)	Fountain	3.6
14B	Near Room A401 Guidance Office (Right)	Fountain	6.8
15A	Near Room A401 Guidance Office (Left)	Fountain	1.1
15B	Near Room A401 Guidance Office (Left)	Fountain	1.4
16A	Gym Foyer	Fountain	<1.0
16B	Gym Foyer	Fountain	<1.0
17A	Near Nurses Office (Right)	Fountain	<1.0
17B	Near Nurses Office (Right)	Fountain	<1.0
18A	Near Nurses Office (Left)	Fountain	<1.0

Sample ID	Location	Water Source	Results (ppb)
18B	Near Nurses Office (Left)	Fountain	<1.0
19A	Nurse's Office	Sink	<1.0
19B	Nurse's Office	Sink	<1.0
20	Nurse's Office	Ice Machine	<1.0
21A	Near Room B107 (Right)	Fountain	1.0
21B	Near Room B107 (Right)	Fountain	<1.0
22A	Near Room B107 (Left)	Fountain	<1.0
22B	Near Room B107 (Left)	Fountain	1.0
23A	Boys Locker Room (Right)	Fountain	<1.0
23B	Boys Locker Room (Right)	Fountain	<1.0
24A	Boys Locker Room (Left)	Fountain	<1.0
24B	Boys Locker Room (Left)	Fountain	<1.0
25A	Near Room B104 Boys Locker Room (R)	Fountain	<1.0
25B	Near Room B104 Boys Locker Room (R)	Fountain	<1.0
26A	Near Room B104 Boys Locker Room (L)	Fountain	<1.0
26B	Near Room B104 Boys Locker Room (L)	Fountain	<1.0
27A	Girls Locker Room (Right)	Fountain	<1.0
27B	Girls Locker Room (Right)	Fountain	<1.0
28A	Girls Locker Room (Left)	Fountain	<1.0
28B	Girls Locker Room (Left)	Fountain	<1.0
29A	B99F Girl's Locker Room (Right)	Fountain	<1.0
29B	B99F Girl's Locker Room (Right)	Fountain	<1.0
30A	B99F Girl's Locker Room (Left)	Fountain	<1.0
30B	B99F Girl's Locker Room (Left)	Fountain	<1.0
31A	B99B Boy's Locker Room (Right)	Fountain	<1.0
31B	B99B Boy's Locker Room (Right)	Fountain	<1.0
32A	B99B Boy's Locker Room (Left)	Fountain	<1.0
32B	B99B Boy's Locker Room (Left)	Fountain	<1.0
33A	By A99B Restroom (Right)	Fountain	<1.0
33B	By A99B Restroom (Right)	Fountain	<1.0
34A	By A99B Restroom (Left)	Fountain	<1.0
34B	By A99B Restroom (Left)	Fountain	<1.0
35A	Small Gym Concession Stand A99D	Sink	<1.0
35A	Small Gym Concession Stand A99D	Sink	<1.0
36A	Gym Concession Stand	Sink	2.6
36B	Gym Concession Stand	Sink	<1.0
37A	Near Room B405 Jones Auditorium	Fountain	2.3
37B	Near Room B405 Jones Auditorium	Fountain	1.8
38A	Near Room B409 (Right)	Fountain	2.4
38B	Near Room B409 (Right)	Fountain	3.3
39A	Near Room B409 (Left)	Fountain	2.5
39B	Near Room B409 (Left)	Fountain	3.3
40A	Near Room B410 (Right)	Fountain	<1.0
40B	Near Room B410 (Right)	Fountain	<1.0

Sample ID	Location	Water Source	Results (ppb)
41A	Near Room B410 (Left)	Fountain	<1.0
41B	Near Room B410 (Left)	Fountain	<1.0
42A	Near Room B426	Fountain	3.6
42B	Near Room B426	Fountain	5.4
43A	Near Room B305 (Right)	Fountain	<1.0
43B	Near Room B305 (Right)	Fountain	<1.0
44A	Near Room B305 (Left)	Fountain	<1.0
44B	Near Room B305 (Left)	Fountain	<1.0
45A	South Pan Storage Area	Sink	<1.0
45B	South Pan Storage Area	Sink	<1.0
46A	South Kitchen- Pot Filler	Sink	1.4
46B	South Kitchen- Pot Filler	Sink	<1.0
47A	South Kitchen- Middle (Left)	Sink	6.4
47B	South Kitchen- Middle (Left)	Sink	<1.0
48A	South Kitchen- Middle (Right)	Sink	2.6
48B	South Kitchen- Middle (Right)	Sink	<1.0
49	North Kitchen-Ice Machine	Ice Machine	<1.0
50A	North Kitchen- Near Serving Station	Sink	2.2
50B	North Kitchen- Near Serving Station	Sink	<1.0
51A	North Kitchen- Dishwashing Sink (Left)	Sink	9.9
51B	North Kitchen- Dishwashing Sink (Left)	Sink	<1.0
52A	North Kitchen- Dishwashing Sink (Middle)	Sink	1.0
52B	North Kitchen- Dishwashing Sink (Middle)	Sink	<1.0
53A	North Kitchen- Dishwashing Sink (Right)	Sink	5.8
53B	North Kitchen- Dishwashing Sink (Right)	Sink	<1.0
54A	North Kitchen- Near Freezer (Right)	Sink	4.8
54B	North Kitchen- Near Freezer (Right)	Sink	<1.0
55A	North Kitchen- Near Freezer (Left)	Sink	<1.0
55B	North Kitchen- Near Freezer (Left)	Sink	<1.0
56A	North Kitchen- Middle Section (Right)	Sink	2.6
56B	North Kitchen- Middle Section (Right)	Sink	<1.0
57A	North Kitchen- Middle Section (Middle)	Sink	23.2
57B	North Kitchen- Middle Section (Middle)	Sink	<1.0
58A	North Kitchen- Middle Section (Left)	Sink	10.8
58B	North Kitchen- Middle Section (Left)	Sink	1.3
59A	North Kitchen- Pot Filler	Sink	1.2
59B	North Kitchen- Pot Filler	Sink	<1.0
60A	Cafeteria- Women's Restroom (Right)	Fountain	<1.0
60B	Cafeteria- Women's Restroom (Right)	Fountain	<1.0
61A	Cafeteria- Women's Restroom (Left)	Fountain	<1.0
61B	Cafeteria- Women's Restroom (Left)	Fountain	<1.0
62A	Cafeteria- Men's Restrooms (Right)	Fountain	<1.0
62B	Cafeteria- Men's Restrooms (Right)	Fountain	<1.0
63A	Cafeteria- Men's Restrooms (Left)	Fountain	<1.0
63B	Cafeteria- Men's Restrooms (Left)	Fountain	<1.0

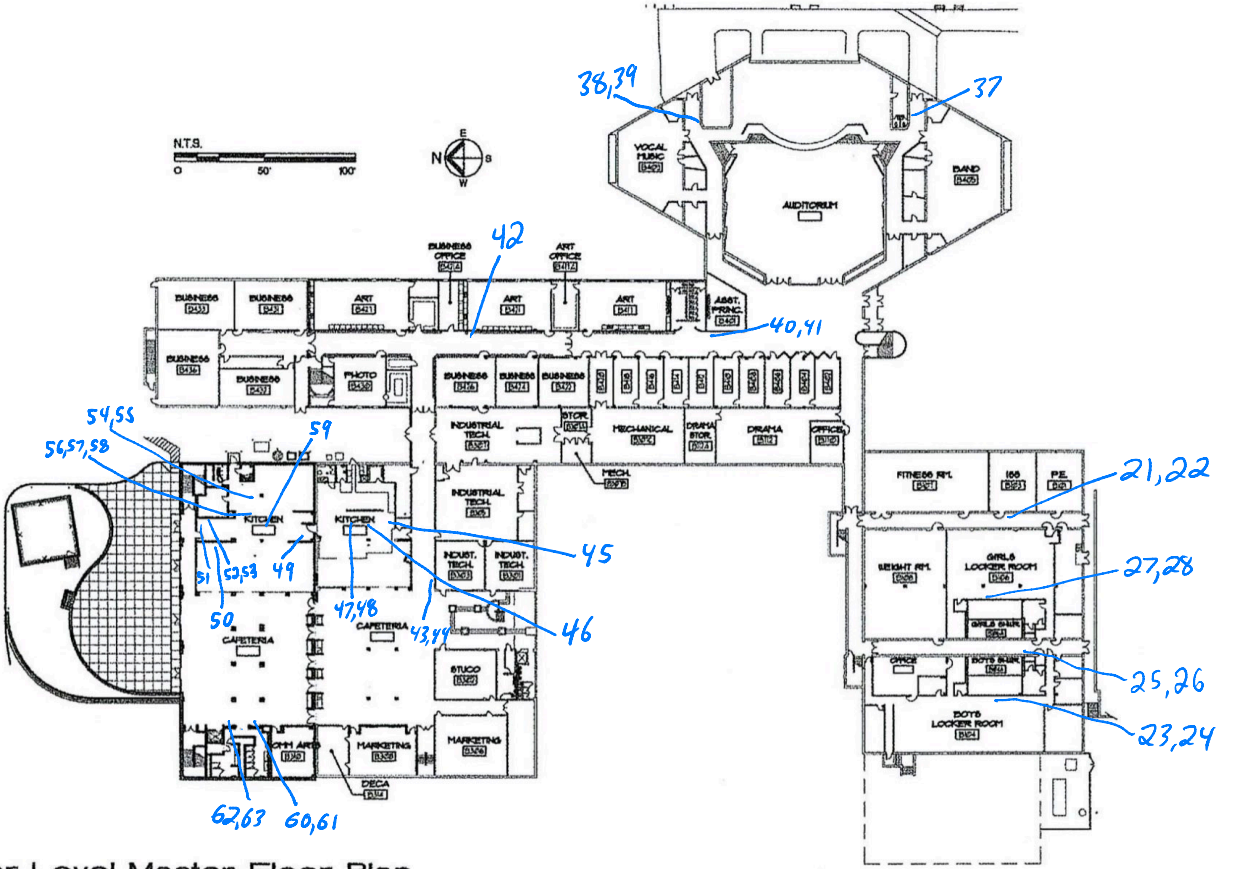
Sample ID	Location	Water Source	Results (ppb)
64A	Sobey Field – Concession Stand	Sink	2.2
64B	Sobey Field – Concession Stand	Sink	3.3
65A	Baseball Field – Concession Stand	Sink	3.9
65B	Baseball Field – Concession Stand	Sink	4.5
66	Baseball Field - Concession Stand	Ice Machine	<1.0
67A	Baseball Field (Right)	Fountain	3.7
67B	Baseball Field (Right)	Fountain	4.5
68A	Baseball Field (Left)	Fountain	2.5
68B	Baseball Field (Left)	Fountain	4.1

Water sources in excess of 20 ppb. Recommendation is to remove from service immediately. Do not return to service until re-testing confirms mitigation was effective.

Water source is 5-19.9 ppb, but still displays evidence of lead. Recommendation is to re-test source on an annual basis at a minimum.

Sample Legend

"A" = First Draw
"B" = Second Draw

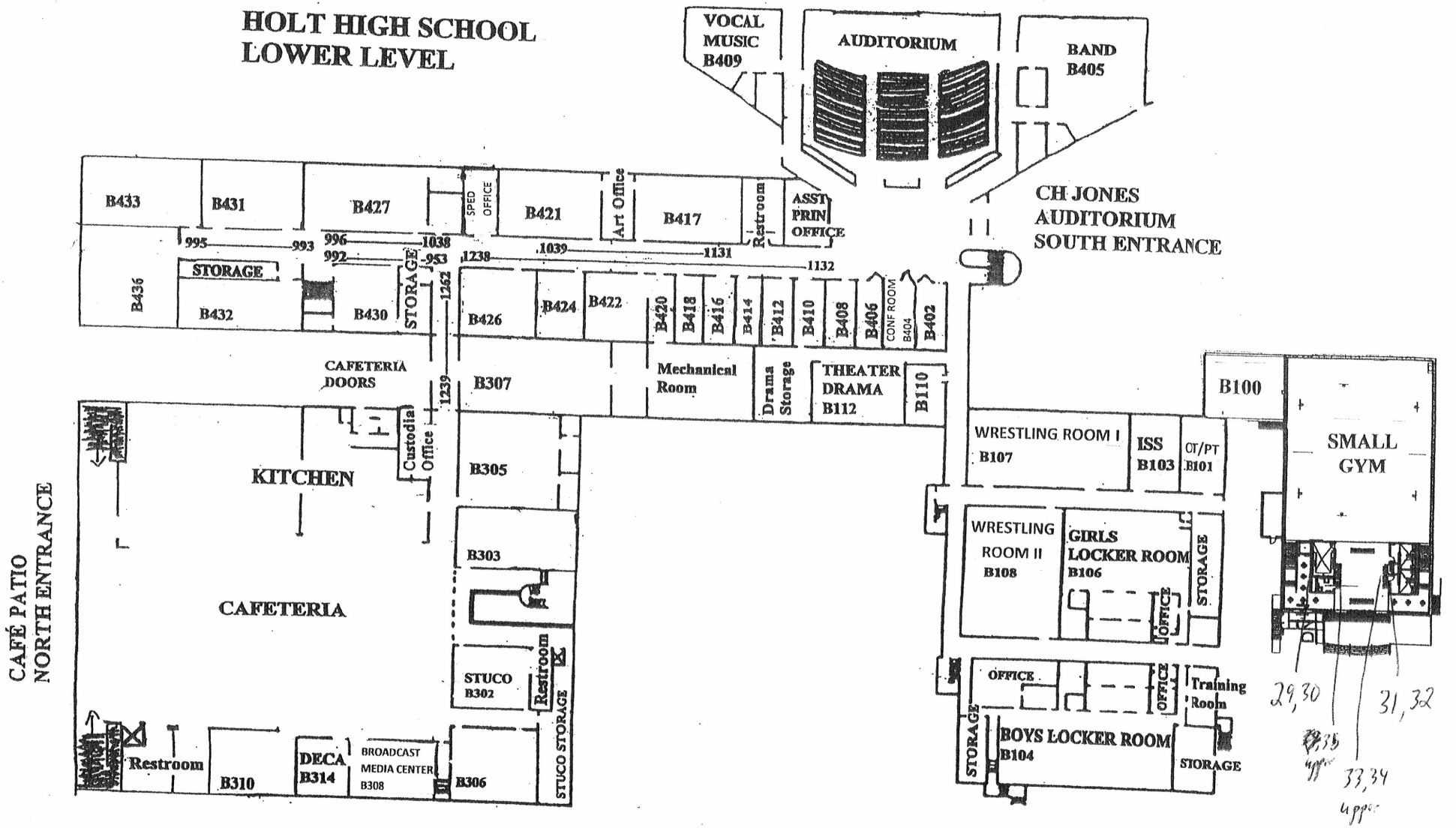


Lower Level Master Floor Plan

HOLT HIGH SCHOOL
WENTZVILLE R-IV SCHOOL DISTRICT
WENTZVILLE, MISSOURI

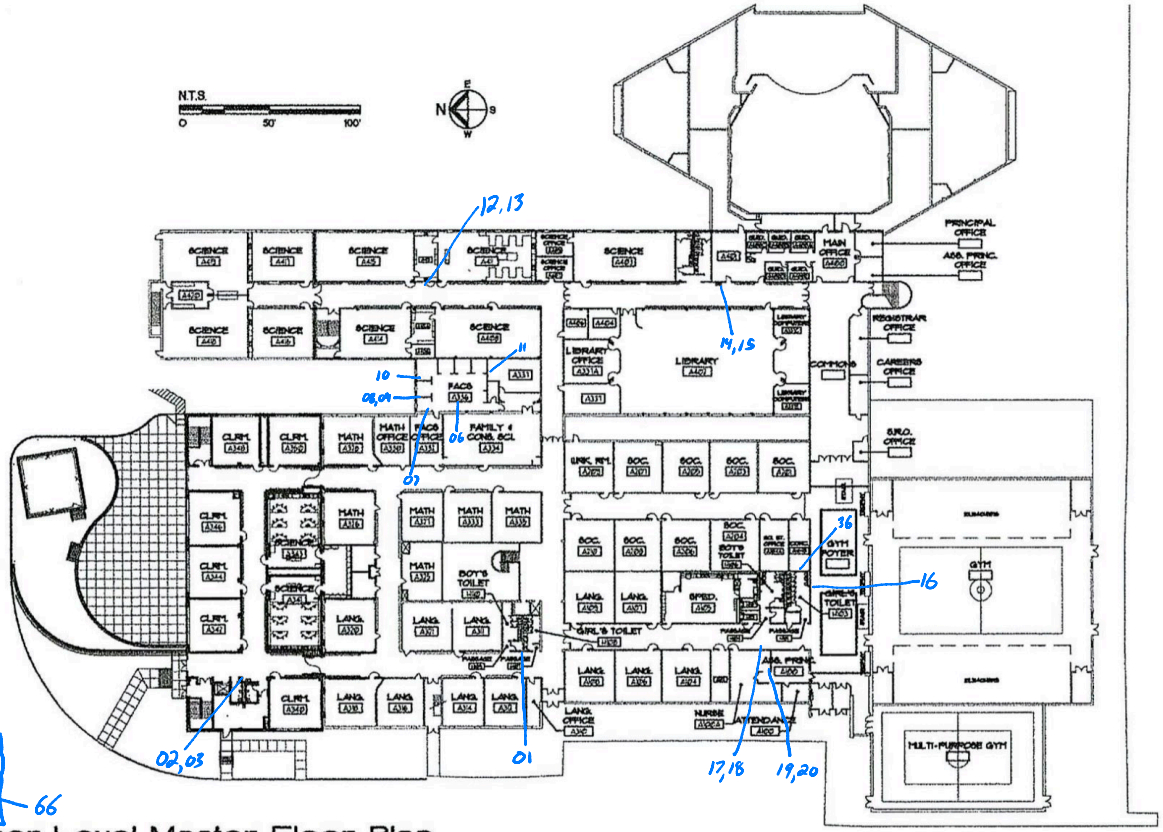
HOENER ASSOCIATES, INC.
ARCHITECTS ST. LOUIS, MISSOURI
DATE SEPT. 14, 2006 PROJ. NO.

HOLT HIGH SCHOOL
LOWER LEVEL



04,05

HOLT HIGH SCHOOL THIRD FLOOR



Upper Level Master Floor Plan

HOLT HIGH SCHOOL
WENTZVILLE R-IV SCHOOL DISTRICT
WENTZVILLE, MISSOURI

HOENER ASSOCIATES, INC.
ARCHITECTS ST. LOUIS, MISSOURI
DATE SEPT. 14, 2006 PROJ. NO.

APPENDIX B
LABORATORY ANALYSIS

October 27, 2023

Jim Yasitis
Environmental Consultants, LLC
#6 Meadow Heights Professional Park
Collinsville, IL 62234
TEL: (618) 343-3590
FAX: (618) 343-3597

Illinois	100226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: Wentzville SD Water Sampling 231000104 - Holt High **WorkOrder:** 23101291

Dear Jim Yasitis:

TEKLAB, INC received 70 samples on 10/17/2023 11:19:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Marvin L. Darling II

Marvin L. Darling
Project Manager
(618)344-1004 ex 41
mdarling@teklabinc.com

Report Contents

http://www.teklabinc.com/

Client: Environmental Consultants, LLC
Work Order: 23101291
Client Project: Wentzville SD Water Sampling 231000104 - Holt High
Report Date: 27-Oct-23

This reporting package includes the following:

Client: Environmental Consultants, LLC **Work Order:** 23101291

Client Project: Wentzville SD Water Sampling 231000104 - Holt High **Report Date:** 27-Oct-23

Abbr Definition

*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Environmental Consultants, LLC **Work Order:** 23101291

Client Project: Wentzville SD Water Sampling 231000104 - Holt High **Report Date:** 27-Oct-23

Qualifiers

- # - Unknown hydrocarbon
- B - Analyte detected in associated Method Blank
- C - RL shown is a Client Requested Quantitation Limit
- E - Value above quantitation range
- H - Holding times exceeded
- I - Associated internal standard was outside method criteria
- J - Analyte detected below quantitation limits
- M - Manual Integration used to determine area response
- ND - Not Detected at the Reporting Limit
- R - RPD outside accepted recovery limits
- S - Spike Recovery outside recovery limits
- T - TIC(Tentatively identified compound)
- X - Value exceeds Maximum Contaminant Level

Case Narrative

http://www.teklabinc.com/

Client: Environmental Consultants, LLC
Work Order: 23101291
Client Project: Wentzville SD Water Sampling 231000104 - Holt High
Report Date: 27-Oct-23

Cooler Receipt Temp: N/A °C

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com

Collinsville Air

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email EHurley@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Client: Environmental Consultants, LLC **Work Order:** 23101291

Client Project: Wentzville SD Water Sampling 231000104 - Holt High **Report Date:** 27-Oct-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville

Client: Environmental Consultants, LLC
Work Order: 23101291
Client Project: Wentzville SD Water Sampling 231000104 - Holt High
Report Date: 27-Oct-23
Matrix: DRINKING WATER

Sample ID	Client Sample ID	Certification	Qual	RL	Result	Units	DF	Date Analyzed	Date Collected
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)									
Lead									
23101291-001A	01A	NELAP		1.0	**1.2**	µg/L	1	10/25/2023 3:31	10/17/2023 4:00
23101291-002A	01B	NELAP		1.0	**1.3**	µg/L	1	10/25/2023 3:35	10/17/2023 4:00
23101291-003A	02A	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 3:39	10/17/2023 4:00
23101291-004A	02B	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 3:43	10/17/2023 4:00
23101291-005A	03A	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 3:47	10/17/2023 4:00
23101291-006A	03B	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 3:51	10/17/2023 4:00
23101291-007A	04A	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 15:04	10/17/2023 4:00
23101291-008A	04B	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 3:55	10/17/2023 4:00
23101291-009A	05A	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 15:26	10/17/2023 4:00
23101291-010A	05B	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 15:30	10/17/2023 4:00
23101291-011A	06A	NELAP		1.0	**1.5**	µg/L	1	10/25/2023 15:34	10/17/2023 4:00
23101291-012A	06B	NELAP		1.0	**1.3**	µg/L	1	10/25/2023 15:37	10/17/2023 4:00
23101291-013A	07A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 7:12	10/17/2023 4:00
23101291-014A	07B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 7:16	10/17/2023 4:00
23101291-015A	08A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 7:20	10/17/2023 4:00
23101291-016A	08B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 7:24	10/17/2023 4:00
23101291-017A	09A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 7:28	10/17/2023 4:00
23101291-018A	09B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 7:41	10/17/2023 4:00
23101291-019A	10A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 7:32	10/17/2023 4:00
23101291-020A	10B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 7:37	10/17/2023 4:00
23101291-021A	11A	NELAP		1.0	**16.2**	µg/L	1	10/24/2023 8:11	10/17/2023 4:00
23101291-022A	11B	NELAP		1.0	**2.9**	µg/L	1	10/24/2023 8:15	10/17/2023 4:00
23101291-023A	12A	NELAP		1.0	**2.7**	µg/L	1	10/24/2023 8:19	10/17/2023 4:00
23101291-024A	12B	NELAP		1.0	**3.0**	µg/L	1	10/24/2023 8:23	10/17/2023 4:00
23101291-025A	13A	NELAP		1.0	**2.2**	µg/L	1	10/24/2023 8:39	10/17/2023 4:00
23101291-026A	13B	NELAP		1.0	**2.7**	µg/L	1	10/24/2023 8:27	10/17/2023 4:00
23101291-027A	14A	NELAP		1.0	**3.6**	µg/L	1	10/24/2023 8:31	10/17/2023 4:00
23101291-028A	14B	NELAP		1.0	**6.8**	µg/L	1	10/24/2023 8:35	10/17/2023 4:00
23101291-029A	15A	NELAP		1.0	**1.1**	µg/L	1	10/24/2023 9:04	10/17/2023 4:00
23101291-030A	15B	NELAP		1.0	**1.4**	µg/L	1	10/24/2023 9:08	10/17/2023 4:00
23101291-031A	16A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 9:12	10/17/2023 4:00
23101291-032A	16B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 9:16	10/17/2023 4:00
23101291-033A	17A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 9:20	10/17/2023 4:00
23101291-034A	17B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 9:24	10/17/2023 4:00
23101291-035A	18A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 9:28	10/17/2023 4:00
23101291-036A	18B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 9:32	10/17/2023 4:00
23101291-037A	19A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 9:36	10/17/2023 4:00
23101291-038A	19B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 9:40	10/17/2023 4:00
23101291-039A	20	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 9:56	10/17/2023 4:00
23101291-040A	21A	NELAP		1.0	**1.0**	µg/L	1	10/24/2023 10:00	10/17/2023 4:00
23101291-041A	21B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 10:24	10/17/2023 4:00
23101291-042A	22A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 10:04	10/17/2023 4:00
23101291-043A	22B	NELAP		1.0	**1.0**	µg/L	1	10/24/2023 10:08	10/17/2023 4:00
23101291-044A	23A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 10:12	10/17/2023 4:00
23101291-045A	23B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 10:16	10/17/2023 4:00
23101291-046A	24A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 11:17	10/17/2023 4:00
23101291-047A	24B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 10:20	10/17/2023 4:00
23101291-048A	25A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 10:49	10/17/2023 4:00

Client: Environmental Consultants, LLC
Work Order: 23101291
Client Project: Wentzville SD Water Sampling 231000104 - Holt High
Report Date: 27-Oct-23
Matrix: DRINKING WATER

Sample ID	Client Sample ID	Certification	Qual	RL	Result	Units	DF	Date Analyzed	Date Collected
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)									
Lead									
23101291-049A	25B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 10:53	10/17/2023 4:00
23101291-050A	26A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 10:57	10/17/2023 4:00
23101291-051A	26B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 11:01	10/17/2023 4:00
23101291-052A	27A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 11:05	10/17/2023 4:00
23101291-053A	27B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 11:09	10/17/2023 4:00
23101291-054A	28A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 11:13	10/17/2023 4:00
23101291-055A	28B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 12:10	10/17/2023 4:00
23101291-056A	29A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 12:14	10/17/2023 4:00
23101291-057A	29B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 12:18	10/17/2023 4:00
23101291-058A	30A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 12:22	10/17/2023 4:00
23101291-059A	30B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 12:26	10/17/2023 4:00
23101291-060A	31A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 12:30	10/17/2023 4:00
23101291-061A	31B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 12:34	10/17/2023 4:00
23101291-062A	32A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 12:38	10/17/2023 4:00
23101291-063A	32B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 13:08	10/17/2023 4:00
23101291-064A	33A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 13:12	10/17/2023 4:00
23101291-065A	33B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 13:16	10/17/2023 4:00
23101291-066A	34A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 13:20	10/17/2023 4:00
23101291-067A	34B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 13:24	10/17/2023 4:00
23101291-068A	35A	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 13:28	10/17/2023 4:00
23101291-069A	35B	NELAP		1.0	**< 1.0**	µg/L	1	10/24/2023 13:32	10/17/2023 4:00
23101291-070A	36A	NELAP		1.0	**2.6**	µg/L	1	10/24/2023 13:36	10/17/2023 4:00

Receiving Check List

http://www.teklabinc.com/

Client: Environmental Consultants, LLC
Work Order: 23101291
Client Project: Wentzville SD Water Sampling 231000104 - Holt High
Report Date: 27-Oct-23

Carrier: Employee
Received By: AMD

Completed by: Amber Dilallo
On: 18-Oct-23

Reviewed by: Ellie Hopkins
On: 18-Oct-23

Pages to follow: Chain of custody 7 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C	**N/A**	
Type of thermal preservation?	None ☑	Ice ☐	Blue Ice ☐	Dry Ice	☐	
Chain of custody present?	Yes ☑	No ☐				
Chain of custody signed when relinquished and received?	Yes ☑	No ☐				
Chain of custody agrees with sample labels?	Yes ☑	No ☐				
Samples in proper container/bottle?	Yes ☑	No ☐				
Sample containers intact?	Yes ☑	No ☐				
Sufficient sample volume for indicated test?	Yes ☑	No ☐				
All samples received within holding time?	Yes ☑	No ☐				
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑			
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐				

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☑
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	NA ☐
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑

Any No responses must be detailed below or on the COC.

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory. - amberdilallo - 10/18/2023 1:28:30 PM

CHAIN OF CUSTODY

pg. 1 of 14 Work Order # 2310129

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: J.S. Held
Address: 6 Meadow Heights Prof Park
City / State / Zip: Collinsville, IL 62234
Contact: Jim Yasitis Phone: 618-343-3590
E-Mail: james.yasitis@jsheld.com Fax: 618-343-3597

Samples on: ☐ Ice ☒ Blue Ice ☐ No Ice N/A °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:
Holt High School
Please report in ppb.

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☒ Yes ☐ No

Project Name / Number: Wentzville SD Water Sampling 231000104
Sample Collector's Name: Brad Frisch
Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Lead (Pb)
2310129-01	01A	10/17/23 9:00AM	X									X				X
02	01B		X									X				X
03	02A		X									X				X
03A	02B		X									X				X
04	03A		X									X				X
04A	03B		X									X				X
05	04A		X									X				X
05A	04B		X									X				X
06	05A		X									X				X
06A	05B		X									X				X

Relinquished By	Date / Time	Received By	Date / Time
Devon Rathbun	10/17/23	Amber Dilallo	10/17/23 1119

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client.

WHITE - LAB YELLOW - SAMPLE RECEIPT

CHAIN OF CUSTODY

pg. 2 of 14 Work Order # 2310291

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: J.S. Held
Address: 6 Meadow Heights Prof Park
City / State / Zip: Collinsville, IL 62234
Contact: Jim Yasitis Phone: 618-343-3590
E-Mail: james.yasitis@jsheld.com Fax: 618-343-3597

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice ____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:
Holt High School

Please report in ppb.

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☒ Yes ☐ No

Project Name / Number: Wentzville SD Water Sampling 231000104
Sample Collector's Name: Brad Frisch
Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Lead (Pb)
231024 01	06 A	10/12/23 4:00PM	X									X				X
02	06 B		X									X				X
03	07 A		X									X				X
04	07 B		X									X				X
05	08 A		X									X				X
06	08 B		X									X				X
07	09 A		X									X				X
08	09 B		X									X				X
09	10 A		X									X				X
10	10 B		X									X				X

Relinquished By	Date / Time	Received By	Date / Time
Devon Rathbun	10/17/23	Emily Dilallo	10/17/23 1119

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client

WHITE – LAB YELLOW – SAMPLER COPY

CHAIN OF CUSTODY

pg. 3 of 4 Work Order # 2310291

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: J.S. Held
Address: 6 Meadow Heights Prof Park
City / State / Zip: Collinsville, IL 62234
Contact: Jim Yasitis Phone: 618-343-3590
E-Mail: james.yasitis@jsheld.com Fax: 618-343-3597

Samples on: ☒ Ice ☐ Blue Ice ☐ No Ice ____ °C
Preserved in: ☒ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:
Hat High School

Please report in ppb.

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☒ Yes ☐ No

Project Name / Number: Wentzville SD Water Sampling 231000104
Sample Collector's Name: Brad Frisch
Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Lead (Pb)
231291-21	11 A	10/17/23 4:00 AM	X									X				X
22	11 B		X									X				X
23	12 A		X									X				X
24	12 B		X									X				X
25	13 A		X									X				X
26	13 B		X									X				X
27	14 A		X									X				X
28	14 B		X									X				X
29	15 A		X									X				X
30	15 B		X									X				X

Relinquished By	Date / Time	Received By	Date / Time
Devon Rathbun	10/17/23	Amber DiBello	10/17/23 1419

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client

WHITE – LAB YELLOW – SAMPLER'S COPY

CHAIN OF CUSTODY

pg. 4 of 14 Work Order # 23101291

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: J.S. Held
Address: 6 Meadow Heights Prof Park
City / State / Zip: Collinsville, IL 62234
Contact: Jim Yasitis Phone: 618-343-3590
E-Mail: james.yasitis@jsheld.com Fax: 618-343-3597

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:
Holt High School

Please report in ppb.

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☒ Yes ☐ No

Project Name / Number: Wentzville SD Water Sampling 231000104
Sample Collector's Name: Brad Frisch
Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other _____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Lead (pw)
23012915	16A	10/12/23 4:00 AM	X									X				X
32	16B		X									X				X
33	17A		X									X				X
34	17B		X									X				X
35	18A		X									X				X
36	18B		X									X				X
37	19A		X									X				X
38	19B		X									X				X
39	20		X									X				X
40	21A		X									X				X

Relinquished By	Date / Time	Received By	Date / Time
Devon Rathsun	10/12/23	Undine Oldall	10/13/23 1149

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client

WHITE – LAB YELLOW – SAMPLE CUSTODIAN

CHAIN OF CUSTODY

pg. 5 of 14 Work Order # 23101291

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: J.S. Held
Address: 6 Meadow Heights Prof Park
City / State / Zip: Collinsville, IL 62234
Contact: Jim Yasitis Phone: 618-343-3590
E-Mail: james.yasitis@jsheld.com Fax: 618-343-3597

Samples on: ☐ Ice ☒ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:
Holt High School
Please report in ppb.

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☒ Yes ☐ No

Project Name / Number: Wentzville SD Water Sampling 231000104
Sample Collector's Name: Brad Frisch
Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other _____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Lead (Pb)
23101291-01	21 B	10/17/23 4:00 AM	X									X				X
-02	22 A		X									X				X
-03	22 B		X									X				X
-04	23 A		X									X				X
-05	23 B		X									X				X
-06	24 A		X									X				X
-07	24 B		X									X				X
-08	25 A		X									X				X
-09	25 B		X									X				X
-10	26 A		X									X				X

Relinquished By	Date / Time	Received By	Date / Time
Devon Rathbun	10/17/23	[signature]	10/17/23 1119

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client

WHITE – LAB YELLOW – SAMPLER'S COPY

CHAIN OF CUSTODY

pg. 6 of 14 Work Order # 23101291

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: J.S. Held
Address: 6 Meadow Heights Prof Park
City / State / Zip: Collinsville, IL 62234
Contact: Jim Yasitis Phone: 618-343-3590
E-Mail: james.yasitis@jsheld.com Fax: 618-343-3597

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice ____ °C
Preserved in: ☒ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:
Holt High School
Please report in ppb.

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☒ Yes ☐ No

Project Name / Number: Westville SD Water Sampling 231000104
Sample Collector's Name: Brad Frisch
Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Lead (DW)
23C1291 C51	26B	10/17/23 4:00 PM	X									X				X
C52	27A		X									X				X
C53	27B		X									X				X
C54	28A		X									X				X
C55	28B		X									X				X
C56	29A		X									X				X
C57	29B		X									X				X
C58	30A		X									X				X
C59	30B		X									X				X
C60	31A		X									X				X

Relinquished By	Date / Time	Received By	Date / Time
Devon Rathburn	10/17/23	Lindsay Dillard	10/17/23 1129

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client

WHITE – LAB YELLOW – SAMPLER COPY

CHAIN OF CUSTODY

pg. 7 of 14 Work Order # 23101291

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: J.S. Held
Address: 6 Meadow Heights Prof Park
City / State / Zip: Collinsville, IL 62234
Contact: Jim Yasitis Phone: 618-343-3590
E-Mail: james.yasitis@jsheld.com Fax: 618-343-3597

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice ____ °C
Preserved in: ☒ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:
Holt High School

Please report in ppb.

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☒ Yes ☐ No

Project Name / Number: Wentzville SD Water Sampling 231000104
Sample Collector's Name: Brad Frisch
Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Lead (DW)
23C1291-001	31 B	10/17/23 4:00 AM	X									X				X
002	32 A		X									X				X
003	32 B		X									X				X
004	33 A		X									X				X
005	33B		X									X				X
006	34 A		X									X				X
007	34B		X									X				X
008	35 A		X									X				X
009	35 B		X									X				X
010	36 A		X									X				X

Relinquished By	Date / Time	Received By	Date / Time
Devon Rathbun	10/17/23	Amber DeCales	10/19/23 1119

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client

WHITE – LAB YELLOW – CARBON COPY

October 30, 2023

Jeff Faust
Environmental Consultants, LLC
#6 Meadow Heights Professional Park
Collinsville, IL 62234
TEL: (618) 343-3590
FAX: (618) 343-3597

Illinois	100226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: Wentzville SD Water Sampling 231000104 - Holt High **WorkOrder:** 23101292

Dear Jeff Faust:

TEKLAB, INC received 63 samples on 10/17/2023 11:19:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Marvin L. Darling II

Marvin L. Darling
Project Manager
(618)344-1004 ex 41
mdarling@teklabinc.com

Report Contents

Client: Environmental Consultants, LLC
Work Order: 23101292
Client Project: Wentzville SD Water Sampling 231000104 - Holt High
Report Date: 30-Oct-23

This reporting package includes the following:

Client: Environmental Consultants, LLC **Work Order:** 23101292

Client Project: Wentzville SD Water Sampling 231000104 - Holt High **Report Date:** 30-Oct-23

Abbr Definition

*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Environmental Consultants, LLC **Work Order:** 23101292

Client Project: Wentzville SD Water Sampling 231000104 - Holt High **Report Date:** 30-Oct-23

Qualifiers

- # - Unknown hydrocarbon
- B - Analyte detected in associated Method Blank
- C - RL shown is a Client Requested Quantitation Limit
- E - Value above quantitation range
- H - Holding times exceeded
- I - Associated internal standard was outside method criteria
- J - Analyte detected below quantitation limits
- M - Manual Integration used to determine area response
- ND - Not Detected at the Reporting Limit
- R - RPD outside accepted recovery limits
- S - Spike Recovery outside recovery limits
- T - TIC(Tentatively identified compound)
- X - Value exceeds Maximum Contaminant Level

Case Narrative

http://www.teklabinc.com/

Client: Environmental Consultants, LLC
Work Order: 23101292
Client Project: Wentzville SD Water Sampling 231000104 - Holt High
Report Date: 30-Oct-23

Cooler Receipt Temp: N/A °C

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com

Collinsville Air

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email EHurley@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Client: Environmental Consultants, LLC **Work Order:** 23101292

Client Project: Wentzville SD Water Sampling 231000104 - Holt High **Report Date:** 30-Oct-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville

Client: Environmental Consultants, LLC **Work Order:** 23101292

Client Project: Wentzville SD Water Sampling 231000104 - Holt High **Report Date:** 30-Oct-23

Matrix: DRINKING WATER

Sample ID	Client Sample ID	Certification	Qual	RL	Result	Units	DF	Date Analyzed	Date Collected
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)									
Lead									
23101292-001A	36B	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 17:46	10/17/2023 4:00
23101292-002A	37A	NELAP		1.0	**2.3**	µg/L	1	10/25/2023 17:49	10/17/2023 4:00
23101292-003A	37B	NELAP		1.0	**1.8**	µg/L	1	10/25/2023 17:53	10/17/2023 4:00
23101292-004A	38A	NELAP		1.0	**2.4**	µg/L	1	10/25/2023 18:04	10/17/2023 4:00
23101292-005A	38B	NELAP		1.0	**3.3**	µg/L	1	10/25/2023 18:08	10/17/2023 4:00
23101292-006A	39A	NELAP		1.0	**2.5**	µg/L	1	10/25/2023 18:11	10/17/2023 4:00
23101292-007A	39B	NELAP		1.0	**3.3**	µg/L	1	10/25/2023 18:15	10/17/2023 4:00
23101292-008A	40A	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 18:19	10/17/2023 4:00
23101292-009A	40B	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 18:33	10/17/2023 4:00
23101292-010A	41A	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 18:37	10/17/2023 4:00
23101292-011A	41B	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 18:41	10/17/2023 4:00
23101292-012A	42A	NELAP		1.0	**3.6**	µg/L	1	10/25/2023 18:44	10/17/2023 4:00
23101292-013A	42B	NELAP		1.0	**5.4**	µg/L	1	10/25/2023 18:48	10/17/2023 4:00
23101292-014A	43A	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 18:59	10/17/2023 4:00
23101292-015A	43B	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 19:02	10/17/2023 4:00
23101292-016A	44A	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 19:06	10/17/2023 4:00
23101292-017A	44B	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 19:21	10/17/2023 4:00
23101292-018A	45A	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 19:24	10/17/2023 4:00
23101292-019A	45B	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 19:35	10/17/2023 4:00
23101292-020A	46A	NELAP		1.0	**1.4**	µg/L	1	10/25/2023 19:39	10/17/2023 4:00
23101292-021A	46B	NELAP		1.0	**< 1.0**	µg/L	1	10/25/2023 19:43	10/17/2023 4:00
23101292-022A	47A	NELAP		1.0	**6.4**	µg/L	1	10/25/2023 19:46	10/17/2023 4:00
23101292-023A	47B	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 10:39	10/17/2023 4:00
23101292-024A	48A	NELAP		1.0	**2.6**	µg/L	1	10/27/2023 10:21	10/17/2023 4:00
23101292-025A	48B	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 10:26	10/17/2023 4:00
23101292-026A	49	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 10:30	10/17/2023 4:00
23101292-027A	50A	NELAP		1.0	**2.2**	µg/L	1	10/27/2023 10:34	10/17/2023 4:00
23101292-028A	50B	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 11:05	10/17/2023 4:00
23101292-029A	51A	NELAP		1.0	**9.9**	µg/L	1	10/27/2023 11:09	10/17/2023 4:00
23101292-030A	51B	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 11:13	10/17/2023 4:00
23101292-031A	52A	NELAP		1.0	**1.0**	µg/L	1	10/27/2023 11:18	10/17/2023 4:00
23101292-032A	52B	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 11:22	10/17/2023 4:00
23101292-033A	53A	NELAP		1.0	**5.8**	µg/L	1	10/27/2023 11:35	10/17/2023 4:00
23101292-034A	53B	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 11:26	10/17/2023 4:00
23101292-035A	54A	NELAP		1.0	**4.8**	µg/L	1	10/27/2023 11:31	10/17/2023 4:00
23101292-036A	54B	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 12:01	10/17/2023 4:00
23101292-037A	55A	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 12:05	10/17/2023 4:00
23101292-038A	55B	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 12:09	10/17/2023 4:00
23101292-039A	56A	NELAP		1.0	**2.6**	µg/L	1	10/27/2023 12:14	10/17/2023 4:00
23101292-040A	56B	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 12:18	10/17/2023 4:00
23101292-041A	57A	NELAP		1.0	**23.2**	µg/L	1	10/27/2023 12:22	10/17/2023 4:00
23101292-042A	57B	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 12:26	10/17/2023 4:00
23101292-043A	58A	NELAP		1.0	**10.8**	µg/L	1	10/27/2023 12:31	10/17/2023 4:00
23101292-044A	58B	NELAP		1.0	**1.3**	µg/L	1	10/27/2023 12:57	10/17/2023 4:00
23101292-045A	59A	NELAP		1.0	**1.2**	µg/L	1	10/27/2023 13:01	10/17/2023 4:00
23101292-046A	59B	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 13:05	10/17/2023 4:00
23101292-047A	60A	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 13:10	10/17/2023 4:00
23101292-048A	60B	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 13:14	10/17/2023 4:00

Client: Environmental Consultants, LLC
Work Order: 23101292
Client Project: Wentzville SD Water Sampling 231000104 - Holt High
Report Date: 30-Oct-23
Matrix: DRINKING WATER

Sample ID	Client Sample ID	Certification	Qual	RL	Result	Units	DF	Date Analyzed	Date Collected
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)									
Lead									
23101292-049A	61A	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 13:18	10/17/2023 4:00
23101292-050A	62B	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 13:22	10/17/2023 4:00
23101292-051A	63A	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 13:53	10/17/2023 4:00
23101292-052A	63B	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 13:57	10/17/2023 4:00
23101292-053A	64A	NELAP		1.0	**2.2**	µg/L	1	10/27/2023 13:27	10/17/2023 4:00
23101292-054A	64B	NELAP		1.0	**3.3**	µg/L	1	10/27/2023 14:01	10/17/2023 4:00
23101292-055A	65A	NELAP		1.0	**3.9**	µg/L	1	10/27/2023 14:06	10/17/2023 4:00
23101292-056A	65B	NELAP		1.0	**4.5**	µg/L	1	10/27/2023 14:10	10/17/2023 4:00
23101292-057A	66	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 14:14	10/17/2023 4:00
23101292-058A	67A	NELAP		1.0	**3.7**	µg/L	1	10/27/2023 14:19	10/17/2023 4:00
23101292-059A	67B	NELAP		1.0	**4.5**	µg/L	1	10/27/2023 16:02	10/17/2023 4:00
23101292-060A	68A	NELAP		1.0	**2.5**	µg/L	1	10/27/2023 16:06	10/17/2023 4:00
23101292-061A	68B	NELAP		1.0	**4.1**	µg/L	1	10/27/2023 16:15	10/17/2023 0:00
23101292-062A	61B	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 16:11	10/17/2023 4:00
23101292-063A	62A	NELAP		1.0	**< 1.0**	µg/L	1	10/27/2023 16:41	10/17/2023 4:00

Receiving Check List

http://www.teklabinc.com/

Client: Environmental Consultants, LLC
Work Order: 23101292
Client Project: Wentzville SD Water Sampling 231000104 - Holt High
Report Date: 30-Oct-23

Carrier: Employee
Received By: AMD

Completed by: Amber Dilallo
On: 18-Oct-23

Reviewed by: Ellie Hopkins
On: 18-Oct-23

Pages to follow: Chain of custody 7 Extra pages included 4

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C	**N/A**	
Type of thermal preservation?	None ☑	Ice ☐	Blue Ice ☐	Dry Ice	☐	
Chain of custody present?	Yes ☑	No ☐				
Chain of custody signed when relinquished and received?	Yes ☑	No ☐				
Chain of custody agrees with sample labels?	Yes ☑	No ☐				
Samples in proper container/bottle?	Yes ☑	No ☐				
Sample containers intact?	Yes ☑	No ☐				
Sufficient sample volume for indicated test?	Yes ☑	No ☐				
All samples received within holding time?	Yes ☑	No ☐				
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑			
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐				

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☑
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	NA ☐
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑

Any No responses must be detailed below or on the COC.

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory. - amberdilallo - 10/18/2023 1:36:35 PM

61B and 62A received but not listed on CoC. - AMD/ERH 10/18/23

CHAIN OF CUSTODY

pg. 8 of 14 Work Order # 2310292

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: J.S. Held
Address: 6 Meadow Heights Prof Park
City / State / Zip: Collinsville, IL 62234
Contact: Jim Yasitis Phone: 618-343-3590
E-Mail: james.yasitis@jsheld.com Fax: 618-343-3597

Samples on: ☐ Ice ☐ Blue Ice ☒ No Ice N/A °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:
Logs & COA received per listed on COC form
Comments: 12/11/23
Holt High School

Please report in ppb.

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☒ Yes ☐ No

Project Name / Number: Wentzville SD Water Sampling 231000104
Sample Collector's Name: Brad Frisch

Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Lead (Pb)
2310292-02	36 B	10/17/23 4:00 AM	X									X				X
003	37 A		X									X				X
004	37 B		X									X				X
005	38A		X									X				X
006	38 B		X									X				X
007	39A		X									X				X
008	39B		X									X				X
009	40 A		X									X				X
010	40 B		X									X				X
011	41 A		X									X				X

Relinquished By	Date / Time	Received By	Date / Time
Devon Rathbun	10/17/23		10/17/23 1119

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client.

WHITE – LAB YELLOW – SAMPLER COPY

CHAIN OF CUSTODY

pg. 9 of 14 Work Order # 2310l292

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: J.S. Held
Address: 6 Meadow Heights Prof Park
City / State / Zip: Collinsville, IL 62234
Contact: Jim Yasitis Phone: 618-343-3590
E-Mail: james.yasitis@jsheld.com Fax: 618-343-3597

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:
Holt H.S. Sched
Please report in ppb

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☒ Yes ☐ No

Project Name / Number: Wentzville SD Water Sampling 231000104
Sample Collector's Name: Brad Frisch
Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other _____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Lead (Pb)
~~231001292-01~~	41 B	10/17/23 4:00AM	X									X				X
231001292-02	42 A		X									X				X
-03	42 B		X									X				X
-04	43 A		X									X				X
-05	43 B		X									X				X
-06	44 A		X									X				X
-07	44 B		X									X				X
-08	45 A		X									X				X
-09	45 B		X									X				X
-10	46 A		X									X				X

Relinquished By	Date / Time	Received By	Date / Time
Devon Rathbun	10/17/23	Jonas Oleson	10/17/23 1119

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client

WHITE – LAB YELLOW – SAMPLER'S COPY

CHAIN OF CUSTODY

pg. 10 of 14 Work Order # 23101293

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: J.S. Held
Address: 6 Meadow Heights Prof Park
City / State / Zip: Collinsville, IL 62234
Contact: Jim Yasitis Phone: 618-343-3590
E-Mail: james.yasitis@jsheld.com Fax: 618-343-3591

Samples on: ☒ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:
Holt High School
Please report in ppb.

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☒ Yes ☐ No

Project Name / Number: Wentzville SD Water Sampling 231000104
Sample Collector's Name: Brad Frisch
Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Lead (Pb)
231012921	46B	10/17/23 4:00AM	X									X				X
22	47A		X									X				X
23	47B		X									X				X
24	48A		X									X				X
25	48B		X									X				X
26	49		X									X				X
27	50A		X									X				X
28	50B		X									X				X
29	51A		X									X				X
30	51B		X									X				X

Relinquished By	Date / Time	Received By	Date / Time
Devon Rathbun	10/17/23	[illegible]	10/17/23 1119

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WHITE – LAB YELLOW – SAMPLE RECEIPT

CHAIN OF CUSTODY

pg. 11 of 14 Work Order # 23101292

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: J.S. Held
Address: 6 Meadow Heights Prof Park
City / State / Zip: Collinsville, IL 62234
Contact: Jim Yasitis Phone: 618-343-3590
E-Mail: james.yasitis@jsheld.com Fax: 618-343-3597

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:
Holt High School
Please report in ppb.

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☒ Yes ☐ No

Project Name / Number: Westerville SD Water Sampling 231000104
Sample Collector's Name: Brad Frisch
Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Lead (DW)
231292	52A	10/17/23 4:00 AM	X									X				X
-32	52B		X									X				X
-33	53A		X									X				X
-34	53B		X									X				X
-35	54A		X									X				X
-36	54B		X									X				X
-37	55A		X									X				X
-38	55B		X									X				X
-39	56A		X									X				X
-40	56B		X									X				X

Relinquished By	Date / Time	Received By	Date / Time
Devon Rathbun	10/17/23	Omar Delaet	10/17/23 1119

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WHITE – LAB YELLOW – SAMPLER COPY

CHAIN OF CUSTODY

 Work Order # 23101292

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: J.S. Held

Address: 6 Meadow Heights Prof Park

City / State / Zip: Collinsville, IL 62234

Contact: Jim Yasitis Phone: 618-343-3590

E-Mail: james.yasitis@jsheld.com Fax: 618-343-3597

Samples on: ☒ Ice ☐ Blue Ice ☐ No Ice _____ °C

Preserved in: ☒ Lab ☐ Field FOR LAB USE ONLY

Lab Notes:

Comments: Holt High School

Please report in ppb.

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☒ Yes ☐ No

Project Name / Number: Wentzville SD Water Sampling 231000104

Sample Collector's Name: Brad Frisch

Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other _____ ☐ 3 Day (50% Surcharge)

Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Lead (DW)
23101292-01	57A	10/17/23 4:00 AM	X									X				X
-02	57B		X									X				X
-03	58A		X									X				X
-04	58B		X									X				X
-05	59A		X									X				X
-06	59B		X									X				X
-07	60A		X									X				X
-08	60B		X									X				X
-09	61A		X									X				X
-10	62B		X									X				X

Relinquished By	Date / Time	Received By	Date / Time
Devon Rathbun	10/17/23	[signature]	10/17/23 1119

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client

WHITE – LAB YELLOW – SAMPLER COPY

CHAIN OF CUSTODY

 Work Order # 23101292

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: J.S. Held
Address: 6 Meadow Heights Prof Park
City / State / Zip: Collinsville, IL 62234
Contact: Jim Yasitis Phone: 618-343-3590
E-Mail: james.yasitis@jsheld.com Fax: 618-343-3597

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:
Holt High School
Please report in ppb.

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☒ Yes ☐ No

Project Name / Number: Wentzville SD Water Sampling 231000104
Sample Collector's Name: Brad Frisch
Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Lead (Pb)
231000151	63A	10/17/23 4:00 AM	X									X				X
152	63B		X									X				X
153	64A		X									X				X
154	64B		X									X				X
155	65A		X									X				X
156	65B		X									X				X
157	66		X									X				X
158	67A		X									X				X
159	67B		X									X				X
160	68A		X									X				X

Relinquished By	Date / Time	Received By	Date / Time
Devon Rathsun	10/17/23	Indra Dralle	10/17/23 1119

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WHITE – LAB YELLOW – SAMPLER'S COPY

CHAIN OF CUSTODY

pg. 14 of 14 Work Order # 23101292

TEKLAB, INC.

5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: J.S. Held

Address: 6 Meadow Heights Prof Park

City / State / Zip: Collinsville, IL 62234

Contact: Jim Yasitis Phone: 618-343-3590

E-Mail: james.yasitis@jsheld.com Fax: 618-343-3597

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C

Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY

Lab Notes:

Comments: Holt High School

Please report in ppb.

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☒ Yes ☐ No

Project Name / Number: Westville SD Water Sampling 231000104

Sample Collector's Name: Brad Frisch

Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)

Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Lead (Dw)
23101292-01	68B	10/17/23	X									X				X
02	101B	"														X
03	102A	"														X

Relinquished By	Date / Time	Received By	Date / Time
Devon Rathsun	10/17/23	[signature]	10/17/23 1119

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WHITE – LAB YELLOW – SAMPLER COPY

TABLE 1

Drinking Water Sampling for Lead Content
Wentzville R-IV School District
Holt High School
Sampled: October 17, 2023

Sample ID	Location	Water Source	Results (ppb)
01A	Near Room A310	Fountain	
01B	Near Room A310	Fountain	
02A	Near Room A342 (Right)	Fountain	
02B	Near Room A342 (Right)	Fountain	
03A	Near Room A342 (Left)	Fountain	
03B	Near Room A342 (Left)	Fountain	
04A	3rd Floor Addition Room 504 (Right)	Fountain	
04B	3rd Floor Addition Room 504 (Right)	Fountain	
05A	3rd Floor Addition Room 504 (Left)	Fountain	
05B	3rd Floor Addition Room 504 (Left)	Fountain	
06A	Food Lab Room A336 West Island	Sink	
06B	Food Lab Room A336 West Island	Sink	
07A	Food Lab Room A336 Dishwashing West	Sink	
07B	Food Lab Room A336 Dishwashing West	Sink	
08A	Food Lab Room A336 North 3-bay (Right)	Sink	
08B	Food Lab Room A336 North 3-bay (Right)	Sink	
09A	Food Lab Room A336 North 3-bay (Left)	Sink	
09B	Food Lab Room A336 North 3-bay (Left)	Sink	
10A	Food Lab Room A336 North 2-bay	Sink	
10B	Food Lab Room A336 North 2-bay	Sink	
11A	Food Lab Room A338 Pre-K	Sink	
11B	Food Lab Room A338 Pre-K	Sink	
12A	Near Room A415 (Right)	Fountain	
12B	Near Room A415 (Right)	Fountain	
13A	Near Room A415 (Left)	Fountain	
13B	Near Room A415 (Left)	Fountain	
14A	Near Room A401 Guidance Office (Right)	Fountain	
14B	Near Room A401 Guidance Office (Right)	Fountain	
15A	Near Room A401 Guidance Office (Left)	Fountain	
15B	Near Room A401 Guidance Office (Left)	Fountain	
16A	Gym Foyer	Fountain	
16B	Gym Foyer	Fountain	
17A	Near Nurses Office (Right)	Fountain	
17B	Near Nurses Office (Right)	Fountain	
18A	Near Nurses Office (Left)	Fountain	

2310292

Sample ID	Location	Water Source	Results (ppb)
18B	Near Nurses Office (Left)	Fountain	
19A	Nurse's Office	Sink	
19B	Nurse's Office	Sink	
20	Nurse's Office	Ice Machine	
21A	Near Room B107 (Right)	Fountain	
21B	Near Room B107 (Right)	Fountain	
22A	Near Room B107 (Left)	Fountain	
22B	Near Room B107 (Left)	Fountain	
23A	Boys Locker Room (Right)	Fountain	
23B	Boys Locker Room (Right)	Fountain	
24A	Boys Locker Room (Left)	Fountain	
24B	Boys Locker Room (Left)	Fountain	
25A	Near Room B104 Boys Locker Room (R)	Fountain	
25B	Near Room B104 Boys Locker Room (R)	Fountain	
26A	Near Room B104 Boys Locker Room (L)	Fountain	
26B	Near Room B104 Boys Locker Room (L)	Fountain	
27A	Girls Locker Room (Right)	Fountain	
27B	Girls Locker Room (Right)	Fountain	
28A	Girls Locker Room (Left)	Fountain	
28B	Girls Locker Room (Left)	Fountain	
29A	B99F Girl's Locker Room (Right)	Fountain	
29B	B99F Girl's Locker Room (Right)	Fountain	
30A	B99F Girl's Locker Room (Left)	Fountain	
30B	B99F Girl's Locker Room (Left)	Fountain	
31A	B99B Boy's Locker Room (Right)	Fountain	
31B	B99B Boy's Locker Room (Right)	Fountain	
32A	B99B Boy's Locker Room (Left)	Fountain	
32B	B99B Boy's Locker Room (Left)	Fountain	
33A	By A99B Restroom (Right)	Fountain	
33B	By A99B Restroom (Right)	Fountain	
34A	By A99B Restroom (Left)	Fountain	
34B	By A99B Restroom (Left)	Fountain	
35A	Small Gym Concession Stand A99D	Sink	
35A	Small Gym Concession Stand A99D	Sink	
36A	Gym Concession Stand [illegible]	Sink	
36B	Gym Concession Stand [illegible]	Sink	
37A	Near Room B405 Jones Auditorium	Fountain	
37B	Near Room B405 Jones Auditorium	Fountain	
38A	Near Room B409 (Right)	Fountain	
38B	Near Room B409 (Right)	Fountain	
39A	Near Room B409 (Left)	Fountain	
39B	Near Room B409 (Left)	Fountain	
40A	Near Room B410 (Right)	Fountain	
40B	Near Room B410 (Right)	Fountain	

Sample ID	Location	Water Source	Results (ppb)
41A	Near Room B410 (Left)	Fountain	
41B	Near Room B410 (Left)	Fountain	
42A	Near Room B426	Fountain	
42B	Near Room B426	Fountain	
43A	Near Room B305 (Right)	Fountain	
43B	Near Room B305 (Right)	Fountain	
44A	Near Room B305 (Left)	Fountain	
44B	Near Room B305 (Left)	Fountain	
45A	South Pan Storage Area	Sink	
45B	South Pan Storage Area	Sink	
46A	South Kitchen- Pot Filler	Sink	
46B	South Kitchen- Pot Filler	Sink	
47A	South Kitchen- Middle (Left)	Sink	
47B	South Kitchen- Middle (Left)	Sink	
48A	South Kitchen- Middle (Right)	Sink	
48B	South Kitchen- Middle (Right)	Sink	
49	North Kitchen-Ice Machine	Ice Machine	
50A	North Kitchen- Near Serving Station	Sink	
50B	North Kitchen- Near Serving Station	Sink	
51A	North Kitchen- Dishwashing Sink (Left)	Sink	
51B	North Kitchen- Dishwashing Sink (Left)	Sink	
52A	North Kitchen- Dishwashing Sink (Middle)	Sink	
52B	North Kitchen- Dishwashing Sink (Middle)	Sink	
53A	North Kitchen- Dishwashing Sink (Right)	Sink	
53B	North Kitchen- Dishwashing Sink (Right)	Sink	
54A	North Kitchen- Near Freezer (Right)	Sink	
54B	North Kitchen- Near Freezer (Right)	Sink	
55A	North Kitchen- Near Freezer (Left)	Sink	
55B	North Kitchen- Near Freezer (Left)	Sink	
56A	North Middle Section (Right)	Sink	
56B	North Middle Section (Right)	Sink	
57A	North Middle Section (Middle)	Sink	
57B	North Middle Section (Middle)	Sink	
58A	North Middle Section (Left)	Sink	
58B	North Middle Section (Left)	Sink	
59A	North Kitchen- Pot Filler	Sink	
59B	North Kitchen- Pot Filler	Sink	
60A	Cafeteria- Women's Restroom (Right)	Fountain	
60B	Cafeteria- Women's Restroom (Right)	Fountain	
61A	Cafeteria- Women's Restroom (Left)	Fountain	
61B	Cafeteria- Women's Restroom (Left)	Fountain	
62A	Cafeteria- Men's Restrooms (Right)	Fountain	
62B	Cafeteria- Men's Restrooms (Right)	Fountain	
63A	Cafeteria- Men's Restrooms (Left)	Fountain	
63B	Cafeteria- Men's Restrooms (Left)	Fountain	

Sample ID	Location	Water Source	Results (ppb)
64A	Sobey Field – Concession Stand	Sink	
64B	Sobey Field – Concession Stand	Sink	
65A	Baseball Field – Concession Stand	Sink	
65B	Baseball Field – Concession Stand	Sink	
66	Baseball Field - Concession Stand	Ice Machine	
67A	Baseball Field (Right)	Fountain	
67B	Baseball Field (Right)	Fountain	
68A	Baseball Field (Left)	Fountain	
68B	Baseball Field (Left)	Fountain	

[redacted] Water sources in excess of 20 ppb. Recommendation is to remove from service immediately. Do not return to service until re-testing confirms mitigation was effective.

Water source is < 20 ppb, but still displays evidence of lead. Recommendation is to re-test source on an annual basis at a minimum

Sample Legend

"A" = First Draw
"B" = Second Draw

23101292

APPENDIX C
CREDENTIALS

STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES

LEAD OCCUPATION LICENSE REGISTRATION

Issued to:

Bradley M. Frisch

The person, firm or corporation whose name appears on this certificate has fulfilled the requirements for licensure as set forth in the Missouri Revised Statutes 701.300-701.338, as long as not suspended or revoked, and is hereby authorized to engage in the activity listed below.

Lead Risk Assessor
Category of License

Issuance Date:	**3/1/2022**
Expiration Date:	**3/1/2024**
License Number:	**160229-300004900**

Paula F. Nickelson
Acting Director
Department of Health and Senior Services

Lead Licensing Program, PO Box 570, Jefferson City, MO 65102

COLLEGE FOR

PUBLIC HEALTH & SOCIAL JUSTICE

SAINT LOUIS UNIVERSITY

CENTER FOR ENVIRONMENTAL EDUCATION AND TRAINING

verifies that

Brad Frisch

2668 Kettering Court, Saint Charles, MO 63303

has attended 8 contact hours of training and successfully passed an examination

Lead Risk Assessor Refresher

St. Louis, MO

Certificate # CEET 325 - 3/7/2022 - **117395**
Examination Date: 3/7/2022
CEUs: 0.8

Christopher C. King PhD
Director, Center for Environmental Education and Training

Certificate expiration is 3 years from examination date for Illinois Dept. of Public Health

Center for Environmental Education and Training, 3545 Lafayette, St. Louis, MO 63104
(314) 977-8256 slu.edu/x39753.xml

This training course has been accredited by the Illinois Department of Public Health, and by the Missouri Department of Health & Senior Services.

State of Missouri
Department of Natural Resources

Certificate of Approval
for Chemical Laboratory Service

This is to certify that

Teklab, Incorporated

is hereby approved to perform the analysis of drinking water as specified on the Certified Parameter List, which must accompany this certificate to be valid.

Certification Number 930

Date Issued December 13, 2021

Expiration Date January 31, 2025

Laboratory Certification Authority, Public Drinking Water Branch
Missouri Department of Natural Resources

Laboratory Certification Officer, Environmental Services Program
Missouri Department of Natural Resources

MISSOURI DEPARTMENT OF NATURAL RESOURCES

DRINKING WATER LABORATORY

CERTIFIED PARAMETER LIST

This is to certify that

Teklab, Incorporated

located at

5445 Horseshoe Lake Road, Collinsville, IL 62234

has been approved to perform the indicated procedures on drinking water under the Missouri Public Drinking Water Regulations (10 CSR 60-5.020). Specific method numbers or references are included in parenthesis when appropriate.

INORGANIC

EPA 335.4
Total Cyanide

EPA 353.2
Nitrate, Nitrite, Total Nitrate and Nitrite

EPA 245.1
Mercury

EPA 200.7
Barium, Beryllium, Cadmium, Chromium, Copper, Nickel

EPA 200.8
Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Lead, Nickel, Selenium, Thallium

SM4500F-C
Fluoride

SM4500NO2-B
Nitrite

Teklab, Incorporated

Expiration Date: January 31, 2025

Missouri Certificate No.: 930

Original Certifying State: Illinois

STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY
NELAP - RECOGNIZED
ENVIRONMENTAL LABORATORY ACCREDITATION

is hereby granted to

Teklab, Incorporated
5445 Horseshoe Lake Rd.
Collinsville, IL 62234

NELAP ACCREDITED

Accreditation Number #100226

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.

Primary Accrediting Authority:Illinois

Millie Rose
Supervisor
Environmental Laboratory Accreditation Program

Certificate No: 1002262023-17
Expiration Date: 1/31/2024
Issued On: 4/11/2023

State of Illinois
Environmental Protection Agency

Awards the Certificate of Approval to:

Teklab, Incorporated
5445 Horseshoe Lake Rd.
Collinsville, IL 62234

The Illinois Environmental Laboratory Accreditation Program encourages all clients and data users to verify the most current scope of accreditation for Teklab, Incorporated.

Certificate No.: 1002262023-17

	Primary AB
Field of Testing /Matrix: ***CWA (Non Potable Water)***	
Method EPA 120.1	
Conductivity	IL
Method EPA 1631E	
Mercury	IL
Method EPA 1664A Rev: 1	
Oil & Grease	IL
Method EPA 180.1 Rev: 2	
Turbidity	IL
Method EPA 200.7 Rev: 4.4	
Aluminum	IL
Antimony	IL
Arsenic	IL
Barium	IL
Beryllium	IL
Boron	IL
Cadmium	IL
Calcium	IL
Chromium	IL
Cobalt	IL
Copper	IL
Iron	IL
Lead	IL
Magnesium	IL
Manganese	IL
Molybdenum	IL
Nickel	IL
Phosphorus	IL
Potassium	IL
Selenium	IL
Silver	IL
Sodium	IL
Thallium	IL
Tin	IL
Titanium	IL
Vanadium	IL
Zinc	IL
Method EPA 200.8 Rev: 5.4	
Aluminum	IL

Field of Testing /Matrix: ***CWA (Non Potable Water)***

Antimony	IL
Arsenic	IL
Barium	IL
Beryllium	IL
Cadmium	IL
Chromium	IL
Cobalt	IL
Copper	IL
Lead	IL
Manganese	IL
Molybdenum	IL
Nickel	IL
Selenium	IL
Silver	IL
Thallium	IL
Vanadium	IL
Zinc	IL
Method EPA 245.1 Rev: 3	
Mercury	IL
Method EPA 335.4 Rev: 1	
Cyanide	IL
Method EPA 350.1 Rev: 2	
Ammonia as N	IL
Method EPA 351.2 Rev: 2	
Total Kjeldahl Nitrogen (TKN)	IL
Method EPA 353.2 Rev: 2	
Nitrate	IL
Nitrate-nitrite	IL
Nitrite as N	IL
Method EPA 365.4	
Phosphorus	IL
Method EPA 375.2 Rev: 2	
Sulfate	IL
Method EPA 410.4 Rev: 2	
Chemical oxygen demand	IL
Method EPA 420.1	
Total phenolics	IL
Method EPA 420.4 Rev: 1	
Total phenolics	IL
Method EPA 608.3 GC-ECD	
4,4'-DDD	IL
4,4'-DDE	IL
4,4'-DDT	IL
Aldrin	IL
alpha-BHC (alpha-Hexachlorocyclohexane)	IL
Aroclor-1016 (PCB-1016)	IL
Aroclor-1221 (PCB-1221)	IL
Aroclor-1232 (PCB-1232)	IL
Aroclor-1242 (PCB-1242)	IL

Field of Testing /Matrix: ***CWA (Non Potable Water)***

Aroclor-1248 (PCB-1248)	IL
Aroclor-1254 (PCB-1254)	IL
Aroclor-1260 (PCB-1260)	IL
beta-BHC (beta-Hexachlorocyclohexane)	IL
Chlordane (tech.)(N.O.S.)	IL
delta-BHC	IL
Dieldrin	IL
Endosulfan I	IL
Endosulfan II	IL
Endosulfan sulfate	IL
Endrin	IL
Endrin aldehyde	IL
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	IL
Heptachlor	IL
Heptachlor epoxide	IL
Methoxychlor	IL
Toxaphene (Chlorinated camphene)	IL

Method EPA 615

2,4,5-T	IL
2,4-D	IL
Dicamba	IL
Silvex (2,4,5-TP)	IL

Method EPA 624.1

1,1,1-Trichloroethane	IL
1,1,2,2-Tetrachloroethane	IL
1,1,2-Trichloroethane	IL
1,1-Dichloroethane	IL
1,1-Dichloroethylene	IL
1,2-Dichlorobenzene (o-Dichlorobenzene)	IL
1,2-Dichloroethane (Ethylene dichloride)	IL
1,2-Dichloropropane	IL
1,3-Dichlorobenzene	IL
1,4-Dichlorobenzene	IL
2-Chloroethyl vinyl ether	IL
Acetonitrile	IL
Acrolein (Propenal)	IL
Acrylonitrile	IL
Benzene	IL
Bromodichloromethane	IL
Bromoform	IL
Carbon tetrachloride	IL
Chlorobenzene	IL
Chlorodibromomethane	IL
Chloroethane (Ethyl chloride)	IL
Chloroform	IL
cis-1,3-Dichloropropene	IL
Ethylbenzene	IL
Methyl bromide (Bromomethane)	IL
Methyl chloride (Chloromethane)	IL
Methyl tert-butyl ether (MTBE)	IL
Methylene chloride (Dichloromethane)	IL

Field of Testing /Matrix: ***CWA (Non Potable Water)***

Tetrachloroethylene (Perchloroethylene)	IL
Toluene	IL
trans-1,2-Dichloroethylene	IL
trans-1,3-Dichloropropylene	IL
Trichloroethene (Trichloroethylene)	IL
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	IL
Vinyl chloride	IL
Xylene (total)	IL

Method EPA 625.1

1,2,4-Trichlorobenzene	IL
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	IL
2,4,6-Trichlorophenol	IL
2,4-Dichlorophenol	IL
2,4-Dimethylphenol	IL
2,4-Dinitrophenol	IL
2,4-Dinitrotoluene (2,4-DNT)	IL
2,6-Dinitrotoluene (2,6-DNT)	IL
2-Chloronaphthalene	IL
2-Chlorophenol	IL
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	IL
2-Nitrophenol	IL
3,3'-Dichlorobenzidine	IL
4-Bromophenyl phenyl ether	IL
4-Chloro-3-methylphenol	IL
4-Chlorophenyl phenylether	IL
4-Nitrophenol	IL
Acenaphthene	IL
Acenaphthylene	IL
Anthracene	IL
Benzidine	IL
Benzo(a)anthracene	IL
Benzo(a)pyrene	IL
Benzo(b)fluoranthene	IL
Benzo(g,h,i)perylene	IL
Benzo(k)fluoranthene	IL
bis(2-Chloroethoxy)methane	IL
bis(2-Chloroethyl) ether	IL
bis(2-Ethylhexyl) phthalate (DEHP)	IL
Butyl benzyl phthalate	IL
Carbazole	IL
Chrysene	IL
Dibenz(a,h) anthracene	IL
Diethyl phthalate	IL
Dimethyl phthalate	IL
Di-n-butyl phthalate	IL
Di-n-octyl phthalate	IL
Fluoranthene	IL
Fluorene	IL
Hexachlorobenzene	IL
Hexachlorobutadiene	IL
Hexachlorocyclopentadiene	IL
Hexachloroethane	IL

Field of Testing /Matrix: ***CWA (Non Potable Water)***

Indeno(1,2,3-cd) pyrene	IL
Isophorone	IL
Naphthalene	IL
Nitrobenzene	IL
n-Nitrosodimethylamine	IL
n-Nitrosodi-n-propylamine	IL
n-Nitrosodiphenylamine	IL
Pentachlorophenol	IL
Phenanthrene	IL
Phenol	IL
Pyrene	IL
Pyridine	IL
Method OIA 1677-09	
Available Cyanide	IL
Method SM 2120 B-2011	
Color	IL
Method SM 2130 B-2011	
Turbidity	IL
Method SM 2310 B-2011	
Acidity, as CaCO3	IL
Method SM 2320 B-2011	
Alkalinity as CaCO3	IL
Method SM 2340 B-1997	
Hardness	IL
Method SM 2510 B-2011	
Conductivity	IL
Method SM 2540 B-2011	
Residue-total	IL
Method SM 2540 C-2011	
Residue-filterable (TDS)	IL
Method SM 2540 D-2011	
Residue-nonfilterable (TSS)	IL
Method SM 2540 E-2011	
Residue-volatile	IL
Method SM 2540 F-2011	
Residue-settleable	IL
Method SM 3500-Cr B-2011	
Chromium VI	IL
Method SM 4500-Cl G-2011	
Total residual chlorine	IL
Method SM 4500-Cl^- C-1997	
Chloride	IL
Method SM 4500-Cl^- C-2011	
Chloride	IL
Method SM 4500-Cl^- E-2000	
Chloride	IL
Method SM 4500-Cl^- E-2011	

Field of Testing /Matrix: ***CWA (Non Potable Water)***

Chloride	IL
Method SM 4500-F^- C-2011	
Fluoride	IL
Method SM 4500-H+ B-2011	
pH	IL
Method SM 4500-NH3 G-2011	
Ammonia	IL
Method SM 4500-$NO2^-$ B-2011	
Nitrite	IL
Method SM 4500-$NO3^-$ F-2000	
Nitrate plus Nitrite as N	IL
Method SM 4500-O G-2001	
Oxygen, dissolved	IL
Method SM 4500-P E-2011	
Orthophosphate as P	IL
Method SM 4500-$S2^-$ D-2011	
Sulfide	IL
Method SM 4500-$SO3^-$ B-2011	
Sulfite-SO3	IL
Method SM 5210 B-2011	
Biochemical oxygen demand	IL
Carbonaceous BOD, CBOD	IL
Method SM 5220 D-2011	
Chemical oxygen demand	IL
Method SM 5310 C-2011	
Total organic carbon	IL
Method SM 5540 C-2011	
Surfactants - MBAS	IL

Field of Testing /Matrix: ***CWA (Solid & Hazardous Material)***

Method EPA 160.4	
Residue-volatile	IL
Method EPA 245.1 Rev: 3	
Mercury	IL
Method EPA 351.2 Rev: 2	
Total Kjeldahl Nitrogen (TKN)	IL
Method EPA 353.2 Rev: 2	
Nitrate	IL
Nitrate-nitrite	IL
Nitrite as N	IL
Method EPA 365.4	
Phosphorus	IL
Method EPA 420.1	
Total phenolics	IL
Method EPA 608.3 GC-ECD	
4,4'-DDD	IL
4,4'-DDE	IL
4,4'-DDT	IL
Aldrin	IL
alpha-BHC (alpha-Hexachlorocyclohexane)	IL
Aroclor-1016 (PCB-1016)	IL
Aroclor-1221 (PCB-1221)	IL
Aroclor-1232 (PCB-1232)	IL
Aroclor-1242 (PCB-1242)	IL
Aroclor-1248 (PCB-1248)	IL
Aroclor-1254 (PCB-1254)	IL
Aroclor-1260 (PCB-1260)	IL
beta-BHC (beta-Hexachlorocyclohexane)	IL
Chlordane (tech.)(N.O.S.)	IL
delta-BHC	IL
Dieldrin	IL
Endosulfan I	IL
Endosulfan II	IL
Endosulfan sulfate	IL
Endrin	IL
Endrin aldehyde	IL
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	IL
Heptachlor	IL
Heptachlor epoxide	IL
Methoxychlor	IL
Toxaphene (Chlorinated camphene)	IL
Method EPA 624.1	
1,1,1-Trichloroethane	IL
1,1,2,2-Tetrachloroethane	IL
1,1,2-Trichloroethane	IL
1,1-Dichloroethane	IL
1,1-Dichloroethylene	IL
1,2-Dichlorobenzene (o-Dichlorobenzene)	IL
1,2-Dichloroethane (Ethylene dichloride)	IL
1,2-Dichloropropane	IL

Field of Testing /Matrix: ***CWA (Solid & Hazardous Material)***

1,3-Dichlorobenzene	IL
1,4-Dichlorobenzene	IL
2-Chloroethyl vinyl ether	IL
Acetonitrile	IL
Acrolein (Propenal)	IL
Acrylonitrile	IL
Benzene	IL
Bromodichloromethane	IL
Bromoform	IL
Carbon tetrachloride	IL
Chlorobenzene	IL
Chlorodibromomethane	IL
Chloroethane (Ethyl chloride)	IL
Chloroform	IL
cis-1,3-Dichloropropene	IL
Ethylbenzene	IL
Methyl bromide (Bromomethane)	IL
Methyl chloride (Chloromethane)	IL
Methyl tert-butyl ether (MTBE)	IL
Methylene chloride (Dichloromethane)	IL
Tetrachloroethylene (Perchloroethylene)	IL
Toluene	IL
trans-1,2-Dichloroethylene	IL
trans-1,3-Dichloropropylene	IL
Trichloroethene (Trichloroethylene)	IL
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	IL
Vinyl chloride	IL
Xylene (total)	IL

Method EPA 625.1

1,2,4-Trichlorobenzene	IL
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	IL
2,4,6-Trichlorophenol	IL
2,4-Dichlorophenol	IL
2,4-Dimethylphenol	IL
2,4-Dinitrophenol	IL
2,4-Dinitrotoluene (2,4-DNT)	IL
2,6-Dinitrotoluene (2,6-DNT)	IL
2-Chloronaphthalene	IL
2-Chlorophenol	IL
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	IL
2-Nitrophenol	IL
3,3'-Dichlorobenzidine	IL
4-Bromophenyl phenyl ether	IL
4-Chloro-3-methylphenol	IL
4-Nitrophenol	IL
Acenaphthene	IL
Acenaphthylene	IL
Anthracene	IL
Benzidine	IL
Benzo(a)anthracene	IL
Benzo(a)pyrene	IL
Benzo(b)fluoranthene	IL

Field of Testing /Matrix: ***CWA (Solid & Hazardous Material)***

Benzo(g,h,i)perylene	IL
Benzo(k)fluoranthene	IL
bis(2-Chloroethoxy)methane	IL
bis(2-Chloroethyl) ether	IL
bis(2-Ethylhexyl) phthalate (DEHP)	IL
Butyl benzyl phthalate	IL
Carbazole	IL
Chrysene	IL
Dibenz(a,h) anthracene	IL
Diethyl phthalate	IL
Dimethyl phthalate	IL
Di-n-butyl phthalate	IL
Di-n-octyl phthalate	IL
Fluoranthene	IL
Fluorene	IL
Hexachlorobenzene	IL
Hexachlorobutadiene	IL
Hexachlorocyclopentadiene	IL
Hexachloroethane	IL
Indeno(1,2,3-cd) pyrene	IL
Isophorone	IL
Naphthalene	IL
Nitrobenzene	IL
n-Nitrosodimethylamine	IL
n-Nitrosodi-n-propylamine	IL
n-Nitrosodiphenylamine	IL
Pentachlorophenol	IL
Phenanthrene	IL
Phenol	IL
Pyrene	IL
Pyridine	IL
Method SM 2340 B-1997	
Hardness	IL
Method SM 2540 C-1997	
Residue-filterable (TDS)	IL
Method SM 2540 F-1997	
Residue-settleable	IL
Method SM 4500-Cl^- C-1997	
Chloride	IL
Method SM 4500-Cl^- C-2011	
Chloride	IL
Method SM 4500-Cl^- E-2000	
Chloride	IL
Method SM 4500-$NO2^-$ B-2011	
Nitrite	IL
Method SM 4500-$NO3^-$ F-2000	
Nitrate plus Nitrite as N	IL
Method SM 4500-P E-1999	
Orthophosphate as P	IL

Field of Testing /Matrix: ***CWA (Solid & Hazardous Material)***

Method **SM 4500-SO_3^{-} B-2000**

Sulfite-SO3 IL

Field of Testing /Matrix: ***RCRA (Non Potable Water)***

Method EPA 1010A	
Ignitability	IL
Method EPA 1020B	
Ignitability	IL
Method EPA 1311 Rev: 0	
Toxicity Characteristic Leaching Procedure (TCLP)	IL
Method EPA 1312 Rev: 0	
Synthetic Precipitation Leaching Procedure (SPLP)	IL
Method EPA 6010B Rev: 2	
Aluminum	IL
Antimony	IL
Arsenic	IL
Barium	IL
Beryllium	IL
Boron	IL
Cadmium	IL
Calcium	IL
Chromium	IL
Cobalt	IL
Copper	IL
Iron	IL
Lead	IL
Lithium	IL
Magnesium	IL
Manganese	IL
Molybdenum	IL
Nickel	IL
Phosphorus	IL
Potassium	IL
Selenium	IL
Silver	IL
Sodium	IL
Strontium	IL
Thallium	IL
Tin	IL
Titanium	IL
Vanadium	IL
Zinc	IL
Method EPA 6020A Rev: 1	
Aluminum	IL
Antimony	IL
Arsenic	IL
Barium	IL
Beryllium	IL
Boron	IL
Cadmium	IL
Calcium	IL
Chromium	IL
Cobalt	IL
Copper	IL

Field of Testing /Matrix: ***RCRA (Non Potable Water)***

Iron	IL
Lead	IL
Magnesium	IL
Manganese	IL
Molybdenum	IL
Nickel	IL
Potassium	IL
Selenium	IL
Silver	IL
Sodium	IL
Thallium	IL
Vanadium	IL
Zinc	IL

Method EPA 7196A Rev: 1

Chromium VI	IL

Method EPA 7470A Rev: 1

Mercury	IL

Method EPA 8015B Rev: 2

Diesel range organics (DRO)	IL
Ethanol	IL
Ethylene glycol	IL
Isobutyl alcohol (2-Methyl-1-propanol)	IL
Isopropyl alcohol (2-Propanol, Isopropanol)	IL
Methanol	IL
n-Butyl alcohol (1-Butanol, n-Butanol)	IL
n-Propanol (1-Propanol)	IL
tert-Butyl alcohol	IL

Method EPA 8081B

4,4'-DDD	IL
4,4'-DDE	IL
4,4'-DDT	IL
Alachlor	IL
Aldrin	IL
alpha-BHC (alpha-Hexachlorocyclohexane)	IL
alpha-Chlordane, cis-Chlordane	IL
beta-BHC (beta-Hexachlorocyclohexane)	IL
Chlordane (tech.)(N.O.S.)	IL
delta-BHC	IL
Dieldrin	IL
Endosulfan I	IL
Endosulfan II	IL
Endosulfan sulfate	IL
Endrin	IL
Endrin aldehyde	IL
Endrin ketone	IL
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	IL
gamma-Chlordane	IL
Heptachlor	IL
Heptachlor epoxide	IL
Methoxychlor	IL
Toxaphene (Chlorinated camphene)	IL

Field of Testing /Matrix: ***RCRA (Non Potable Water)***

Method EPA 8082 Rev: 0

Aroclor-1016 (PCB-1016)	IL
Aroclor-1221 (PCB-1221)	IL
Aroclor-1232 (PCB-1232)	IL
Aroclor-1242 (PCB-1242)	IL
Aroclor-1248 (PCB-1248)	IL
Aroclor-1254 (PCB-1254)	IL
Aroclor-1260 (PCB-1260)	IL

Method EPA 8151A

2,4,5-T	IL
2,4-D	IL
2,4-DB	IL
3,5-Dichlorobenzoic acid	IL
4-Nitrophenol	IL
Acifluorfen	IL
Bentazon	IL
Chloramben	IL
Dalapon	IL
DCPA di acid degradate	IL
Dicamba	IL
Dichloroprop (Dichlorprop)	IL
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	IL
MCPA	IL
MCPP	IL
Pentachlorophenol	IL
Picloram	IL
Silvex (2,4,5-TP)	IL

Method EPA 8260B

1,1,1,2-Tetrachloroethane	IL
1,1,1-Trichloroethane	IL
1,1,2,2-Tetrachloroethane	IL
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	IL
1,1,2-Trichloroethane	IL
1,1-Dichloroethane	IL
1,1-Dichloroethylene	IL
1,1-Dichloropropene	IL
1,2,3-Trichlorobenzene	IL
1,2,3-Trichloropropane	IL
1,2,4-Trichlorobenzene	IL
1,2,4-Trimethylbenzene	IL
1,2-Dibromo-3-chloropropane (DBCP)	IL
1,2-Dibromoethane (EDB, Ethylene dibromide)	IL
1,2-Dichlorobenzene (o-Dichlorobenzene)	IL
1,2-Dichloroethane (Ethylene dichloride)	IL
1,2-Dichloropropane	IL
1,3,5-Trimethylbenzene	IL
1,3-Dichlorobenzene	IL
1,3-Dichloropropane	IL
1,4-Dichlorobenzene	IL
1-Chlorobutane	IL
2,2-Dichloropropane	IL

Field of Testing /Matrix: ***RCRA (Non Potable Water)***

2-Butanone (Methyl ethyl ketone, MEK)	IL
2-Chloroethyl vinyl ether	IL
2-Chlorotoluene	IL
2-Hexanone	IL
2-Nitropropane	IL
4-Chlorotoluene	IL
4-Isopropyltoluene (p-Cymene,p-Isopropyltoluene)	IL
4-Methyl-2-pentanone (MIBK)	IL
Acetone	IL
Acetonitrile	IL
Acrolein (Propenal)	IL
Acrylonitrile	IL
Allyl chloride (3-Chloropropene)	IL
Benzene	IL
Bromobenzene	IL
Bromochloromethane	IL
Bromodichloromethane	IL
Bromoform	IL
Carbon disulfide	IL
Carbon tetrachloride	IL
Chlorobenzene	IL
Chlorodibromomethane	IL
Chloroethane (Ethyl chloride)	IL
Chloroform	IL
Chloroprene (2-Chloro-1,3-butadiene)	IL
cis-1,2-Dichloroethylene	IL
cis-1,3-Dichloropropene	IL
cis-1,4-Dichloro-2-butene	IL
Dibromomethane (Methylene bromide)	IL
Dichlorodifluoromethane (Freon-12)	IL
Diethyl ether	IL
Di-isopropylether (DIPE) (Isopropyl Ether)	IL
Ethyl acetate	IL
Ethyl methacrylate	IL
Ethylbenzene	IL
Hexachlorobutadiene	IL
Hexachloroethane	IL
Iodomethane (Methyl iodide)	IL
Isopropylbenzene	IL
m+p-xylene	IL
Methacrylonitrile	IL
Methyl acrylate	IL
Methyl bromide (Bromomethane)	IL
Methyl chloride (Chloromethane)	IL
Methyl methacrylate	IL
Methyl tert-butyl ether (MTBE)	IL
Methylene chloride (Dichloromethane)	IL
m-Xylene	IL
Naphthalene	IL
n-Butylbenzene	IL
Nitrobenzene	IL
n-Propylbenzene	IL

Field of Testing /Matrix: ***RCRA (Non Potable Water)***

o-Xylene	IL
Pentachloroethane	IL
Propionitrile (Ethyl cyanide)	IL
p-Xylene	IL
sec-Butylbenzene	IL
Styrene	IL
tert-Butyl alcohol	IL
tert-Butylbenzene	IL
Tetrachloroethylene (Perchloroethylene)	IL
Tetrahydrofuran (THF)	IL
Toluene	IL
trans-1,2-Dichloroethylene	IL
trans-1,3-Dichloropropylene	IL
trans-1,4-Dichloro-2-butene	IL
Trichloroethene (Trichloroethylene)	IL
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	IL
Vinyl acetate	IL
Vinyl chloride	IL
Xylene (total)	IL

Method EPA 8270C Rev: 3

1,2,4-Trichlorobenzene	IL
1,2-Dichlorobenzene (o-Dichlorobenzene)	IL
1,3-Dichlorobenzene	IL
1,4-Dichlorobenzene	IL
1,4-Dioxane (1,4- Diethyleneoxide)	IL
1,4-Naphthoquinone	IL
1-Naphthylamine	IL
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	IL
2,4,5-Trichlorophenol	IL
2,4,6-Trichlorophenol	IL
2,4-Dichlorophenol	IL
2,4-Dimethylphenol	IL
2,4-Dinitrophenol	IL
2,4-Dinitrotoluene (2,4-DNT)	IL
2,6-Dinitrotoluene (2,6-DNT)	IL
2-Chloronaphthalene	IL
2-Chlorophenol	IL
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	IL
2-Methylaniline (o-Toluidine)	IL
2-Methylnaphthalene	IL
2-Methylphenol (o-Cresol)	IL
2-Nitroaniline	IL
2-Nitrophenol	IL
3,3'-Dichlorobenzidine	IL
3,3'-Dimethylbenzidine	IL
3-Methylcholanthrene	IL
3-Methylphenol (m-Cresol)	IL
3-Nitroaniline	IL
4-Aminobiphenyl	IL
4-Bromophenyl phenyl ether	IL
4-Chloro-3-methylphenol	IL
4-Chloroaniline	IL

Field of Testing /Matrix: ***RCRA (Non Potable Water)***

4-Chlorophenyl phenylether	IL
4-Dimethyl aminoazobenzene	IL
4-Methylphenol (p-Cresol)	IL
4-Nitroaniline	IL
4-Nitrophenol	IL
5-Nitro-o-toluidine	IL
7,12-Dimethylbenz(a) anthracene	IL
Acenaphthene	IL
Acenaphthylene	IL
Acetophenone	IL
Aniline	IL
Anthracene	IL
Benzidine	IL
Benzo(a)anthracene	IL
Benzo(a)pyrene	IL
Benzo(b)fluoranthene	IL
Benzo(g,h,i)perylene	IL
Benzo(k)fluoranthene	IL
Benzoic acid	IL
Benzyl alcohol	IL
bis(2-Chloroethoxy)methane	IL
bis(2-Chloroethyl) ether	IL
bis(2-Ethylhexyl) phthalate (DEHP)	IL
Butyl benzyl phthalate	IL
Carbazole	IL
Chlorobenzilate	IL
Chrysene	IL
Diallate	IL
Dibenz(a,h) anthracene	IL
Dibenzofuran	IL
Diethyl phthalate	IL
Dimethoate	IL
Dimethyl phthalate	IL
Di-n-butyl phthalate	IL
Di-n-octyl phthalate	IL
Diphenylamine	IL
Ethyl methanesulfonate	IL
Famphur	IL
Fluoranthene	IL
Fluorene	IL
Hexachlorobenzene	IL
Hexachlorobutadiene	IL
Hexachlorocyclopentadiene	IL
Hexachloroethane	IL
Hexachloropropene	IL
Indeno(1,2,3-cd) pyrene	IL
Isodrin	IL
Isophorone	IL
Isosafrole	IL
Methyl methanesulfonate	IL
Naphthalene	IL
Nitrobenzene	IL

Field of Testing /Matrix: ***RCRA (Non Potable Water)***

n-Nitrosodiethylamine	IL
n-Nitrosodimethylamine	IL
n-Nitroso-di-n-butylamine	IL
n-Nitrosodi-n-propylamine	IL
n-Nitrosodiphenylamine	IL
n-Nitrosomethylethylamine	IL
n-Nitrosopiperidine	IL
n-Nitrosopyrrolidine	IL
o,o,o-Triethyl phosphorothioate	IL
Parathion	IL
Pentachlorobenzene	IL
Pentachloronitrobenzene	IL
Pentachlorophenol	IL
Phenanthrene	IL
Phenol	IL
Pronamide (Kerb)	IL
Pyrene	IL
Pyridine	IL
Safrole	IL

Method EPA 8270C Mod LVI

Acetochlor	IL
Alachlor	IL
Atrazine	IL
Butylate	IL
Cyanazine	IL
EPTC (Eptam, s-ethyl-dipropyl thio carbamate)	IL
Metolachlor	IL
Metribuzin	IL
Pendimethalin (Penoxalin)	IL
Simazine	IL
Trifluralin (Treflan)	IL

Method EPA 9012A Rev: 1

Cyanide	IL

Method EPA 9014 Rev: 0

Cyanide	IL

Method EPA 9020B Rev: 2

Total organic halides (TOX)	IL

Method EPA 9023 Rev: 0

Extractable organics halides (EOX)	IL

Method EPA 9036 Rev: 0

Sulfate	IL

Method EPA 9040B Rev: 2

pH	IL

Method EPA 9050A Rev: 1

Conductivity	IL

Method EPA 9060A

Total organic carbon	IL

Method EPA 9065 Rev: 0

Total phenolics	IL

Field of Testing /Matrix: ***RCRA (Non Potable Water)***

Method EPA 9066 Rev: 0

Total phenolics IL

Method EPA 9095A

Paint Filter Test IL

Method EPA 9214 Rev: 0

Fluoride IL

Method EPA 9251 Rev: 0

Chloride IL

Field of Testing /Matrix: ***RCRA (Solid & Hazardous Material)***

Method EPA 1010A	
Ignitability	IL
Method EPA 1020B	
Ignitability	IL
Method EPA 1311 Rev: 0	
Toxicity Characteristic Leaching Procedure (TCLP)	IL
Method EPA 1312 Rev: 0	
Synthetic Precipitation Leaching Procedure (SPLP)	IL
Method EPA 6010B Rev: 2	
Aluminum	IL
Antimony	IL
Arsenic	IL
Barium	IL
Beryllium	IL
Boron	IL
Cadmium	IL
Calcium	IL
Chromium	IL
Cobalt	IL
Copper	IL
Iron	IL
Lead	IL
Lithium	IL
Magnesium	IL
Manganese	IL
Molybdenum	IL
Nickel	IL
Phosphorus	IL
Potassium	IL
Selenium	IL
Silver	IL
Sodium	IL
Strontium	IL
Thallium	IL
Tin	IL
Titanium	IL
Vanadium	IL
Zinc	IL
Method EPA 6020A Rev: 1	
Aluminum	IL
Antimony	IL
Arsenic	IL
Barium	IL
Beryllium	IL
Boron	IL
Cadmium	IL
Chromium	IL
Cobalt	IL
Copper	IL
Iron	IL

Field of Testing /Matrix: ***RCRA (Solid & Hazardous Material)***

Lead	IL
Magnesium	IL
Manganese	IL
Molybdenum	IL
Nickel	IL
Potassium	IL
Selenium	IL
Silver	IL
Sodium	IL
Thallium	IL
Vanadium	IL
Zinc	IL

Method EPA 7196A Rev: 1

Chromium VI	IL

Method EPA 7471B

Mercury	IL

Method EPA 8015B Rev: 2

Diesel range organics (DRO)	IL
Ethanol	IL
Ethylene glycol	IL
Isobutyl alcohol (2-Methyl-1-propanol)	IL
Isopropyl alcohol (2-Propanol, Isopropanol)	IL
Methanol	IL
n-Butyl alcohol (1-Butanol, n-Butanol)	IL
n-Propanol (1-Propanol)	IL
tert-Butyl alcohol	IL

Method EPA 8081B

4,4'-DDD	IL
4,4'-DDE	IL
4,4'-DDT	IL
Alachlor	IL
Aldrin	IL
alpha-BHC (alpha-Hexachlorocyclohexane)	IL
alpha-Chlordane, cis-Chlordane	IL
beta-BHC (beta-Hexachlorocyclohexane)	IL
Chlordane (tech.)(N.O.S.)	IL
delta-BHC	IL
Dieldrin	IL
Endosulfan I	IL
Endosulfan II	IL
Endosulfan sulfate	IL
Endrin	IL
Endrin aldehyde	IL
Endrin ketone	IL
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	IL
gamma-Chlordane	IL
Heptachlor	IL
Heptachlor epoxide	IL
Methoxychlor	IL
Toxaphene (Chlorinated camphene)	IL

Method EPA 8082 Rev: 0

Field of Testing /Matrix: ***RCRA (Solid & Hazardous Material)***

Aroclor-1016 (PCB-1016)	IL
Aroclor-1221 (PCB-1221)	IL
Aroclor-1232 (PCB-1232)	IL
Aroclor-1242 (PCB-1242)	IL
Aroclor-1248 (PCB-1248)	IL
Aroclor-1254 (PCB-1254)	IL
Aroclor-1260 (PCB-1260)	IL

Method EPA 8151A

2,4,5-T	IL
2,4-D	IL
2,4-DB	IL
3,5-Dichlorobenzoic acid	IL
4-Nitrophenol	IL
Acifluorfen	IL
Bentazon	IL
Chloramben	IL
Dalapon	IL
DCPA di acid degradate	IL
Dicamba	IL
Dichloroprop (Dichlorprop)	IL
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	IL
MCPA	IL
MCPP	IL
Pentachlorophenol	IL
Picloram	IL
Silvex (2,4,5-TP)	IL

Method EPA 8260B

1,1,1,2-Tetrachloroethane	IL
1,1,1-Trichloroethane	IL
1,1,2,2-Tetrachloroethane	IL
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	IL
1,1,2-Trichloroethane	IL
1,1-Dichloroethane	IL
1,1-Dichloroethylene	IL
1,1-Dichloropropene	IL
1,2,3-Trichlorobenzene	IL
1,2,3-Trichloropropane	IL
1,2,4-Trichlorobenzene	IL
1,2,4-Trimethylbenzene	IL
1,2-Dibromo-3-chloropropane (DBCP)	IL
1,2-Dibromoethane (EDB, Ethylene dibromide)	IL
1,2-Dichlorobenzene (o-Dichlorobenzene)	IL
1,2-Dichloroethane (Ethylene dichloride)	IL
1,2-Dichloropropane	IL
1,3,5-Trimethylbenzene	IL
1,3-Dichlorobenzene	IL
1,3-Dichloropropane	IL
1,4-Dichlorobenzene	IL
1-Chlorobutane	IL
2,2-Dichloropropane	IL
2-Butanone (Methyl ethyl ketone, MEK)	IL

Field of Testing /Matrix: ***RCRA (Solid & Hazardous Material)***

2-Chloroethyl vinyl ether	IL
2-Chlorotoluene	IL
2-Hexanone	IL
2-Nitropropane	IL
4-Chlorotoluene	IL
4-Isopropyltoluene (p-Cymene,p-Isopropyltoluene)	IL
4-Methyl-2-pentanone (MIBK)	IL
Acetone	IL
Acetonitrile	IL
Acrolein (Propenal)	IL
Allyl chloride (3-Chloropropene)	IL
Benzene	IL
Bromobenzene	IL
Bromochloromethane	IL
Bromodichloromethane	IL
Bromoform	IL
Carbon disulfide	IL
Carbon tetrachloride	IL
Chlorobenzene	IL
Chlorodibromomethane	IL
Chloroethane (Ethyl chloride)	IL
Chloroform	IL
Chloroprene (2-Chloro-1,3-butadiene)	IL
cis-1,2-Dichloroethylene	IL
cis-1,3-Dichloropropene	IL
cis-1,4-Dichloro-2-butene	IL
Dibromomethane (Methylene bromide)	IL
Dichlorodifluoromethane (Freon-12)	IL
Diethyl ether	IL
Di-isopropylether (DIPE) (Isopropyl Ether)	IL
Ethyl acetate	IL
Ethyl methacrylate	IL
Ethylbenzene	IL
Hexachlorobutadiene	IL
Hexachloroethane	IL
Iodomethane (Methyl iodide)	IL
Isopropylbenzene	IL
m+p-xylene	IL
Methacrylonitrile	IL
Methyl acrylate	IL
Methyl bromide (Bromomethane)	IL
Methyl chloride (Chloromethane)	IL
Methyl methacrylate	IL
Methyl tert-butyl ether (MTBE)	IL
Methylene chloride (Dichloromethane)	IL
m-Xylene	IL
Naphthalene	IL
n-Butylbenzene	IL
Nitrobenzene	IL
n-Propylbenzene	IL
o-Xylene	IL
Pentachloroethane	IL

Field of Testing /Matrix: ***RCRA (Solid & Hazardous Material)***

Propionitrile (Ethyl cyanide)	IL
p-Xylene	IL
sec-Butylbenzene	IL
Styrene	IL
tert-Butyl alcohol	IL
tert-Butylbenzene	IL
Tetrachloroethylene (Perchloroethylene)	IL
Tetrahydrofuran (THF)	IL
Toluene	IL
trans-1,2-Dichloroethylene	IL
trans-1,3-Dichloropropylene	IL
trans-1,4-Dichloro-2-butene	IL
Trichloroethene (Trichloroethylene)	IL
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	IL
Vinyl acetate	IL
Vinyl chloride	IL
Xylene (total)	IL

Method EPA 8270C Rev: 3

1,2,4-Trichlorobenzene	IL
1,2-Dichlorobenzene (o-Dichlorobenzene)	IL
1,3-Dichlorobenzene	IL
1,4-Dichlorobenzene	IL
1,4-Dioxane (1,4- Diethyleneoxide)	IL
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	IL
2,4,5-Trichlorophenol	IL
2,4,6-Trichlorophenol	IL
2,4-Dichlorophenol	IL
2,4-Dimethylphenol	IL
2,4-Dinitrophenol	IL
2,4-Dinitrotoluene (2,4-DNT)	IL
2,6-Dinitrotoluene (2,6-DNT)	IL
2-Chloronaphthalene	IL
2-Chlorophenol	IL
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	IL
2-Methylaniline (o-Toluidine)	IL
2-Methylnaphthalene	IL
2-Methylphenol (o-Cresol)	IL
2-Nitroaniline	IL
2-Nitrophenol	IL
3,3'-Dichlorobenzidine	IL
3-Methylphenol (m-Cresol)	IL
3-Nitroaniline	IL
4-Bromophenyl phenyl ether	IL
4-Chloro-3-methylphenol	IL
4-Chloroaniline	IL
4-Chlorophenyl phenylether	IL
4-Methylphenol (p-Cresol)	IL
4-Nitroaniline	IL
4-Nitrophenol	IL
Acenaphthene	IL
Acenaphthylene	IL
Aniline	IL

Field of Testing /Matrix: ***RCRA (Solid & Hazardous Material)***

Anthracene	IL
Benzo(a)anthracene	IL
Benzo(a)pyrene	IL
Benzo(b)fluoranthene	IL
Benzo(g,h,i)perylene	IL
Benzo(k)fluoranthene	IL
Benzoic acid	IL
Benzyl alcohol	IL
bis(2-Chloroethoxy)methane	IL
bis(2-Chloroethyl) ether	IL
bis(2-Ethylhexyl) phthalate (DEHP)	IL
Butyl benzyl phthalate	IL
Carbazole	IL
Chrysene	IL
Dibenz(a,h) anthracene	IL
Dibenzofuran	IL
Diethyl phthalate	IL
Dimethyl phthalate	IL
Di-n-butyl phthalate	IL
Di-n-octyl phthalate	IL
Fluoranthene	IL
Fluorene	IL
Hexachlorobenzene	IL
Hexachlorobutadiene	IL
Hexachlorocyclopentadiene	IL
Hexachloroethane	IL
Indeno(1,2,3-cd) pyrene	IL
Isophorone	IL
Naphthalene	IL
Nitrobenzene	IL
n-Nitrosodiethylamine	IL
n-Nitrosodimethylamine	IL
n-Nitrosodi-n-propylamine	IL
n-Nitrosodiphenylamine	IL
n-Nitrosomethylethylamine	IL
Pentachlorobenzene	IL
Pentachlorophenol	IL
Phenanthrene	IL
Phenol	IL
Pyrene	IL
Pyridine	IL

Method EPA 8270C Mod LVl

Acetochlor	IL
Alachlor	IL
Atrazine	IL
Butylate	IL
Cyanazine	IL
EPTC (Eptam, s-ethyl-dipropyl thio carbamate)	IL
Metolachlor	IL
Metribuzin	IL
Pendimethalin (Penoxalin)	IL
Simazine	IL

Field of Testing /Matrix: ***RCRA (Solid & Hazardous Material)***

Trifluralin (Treflan)	IL
Method EPA 9012A Rev: 1	
Cyanide	IL
Method EPA 9014 Rev: 0	
Cyanide	IL
Method EPA 9020B Rev: 2	
Total organic halides (TOX)	IL
Method EPA 9023 Rev: 0	
Extractable organics halides (EOX)	IL
Method EPA 9034 Rev: 0	
Sulfide	IL
Method EPA 9036 Rev: 0	
Sulfate	IL
Method EPA 9045C Rev: 3	
pH	IL
Method EPA 9060A	
Total organic carbon	IL
Method EPA 9065 Rev: 0	
Total phenolics	IL
Method EPA 9214 Rev: 0	
Fluoride	IL

Field of Testing /Matrix: ***SDWA (Potable Water)***

Method EPA 180.1 Rev: 2	
Turbidity	IL
Method EPA 200.7 Rev: 4.4	
Aluminum	IL
Barium	IL
Beryllium	IL
Boron	IL
Cadmium	IL
Calcium	IL
Chromium	IL
Copper	IL
Iron	IL
Magnesium	IL
Manganese	IL
Molybdenum	IL
Nickel	IL
Potassium	IL
Silver	IL
Sodium	IL
Vanadium	IL
Zinc	IL
Method EPA 200.8 Rev: 5.4	
Antimony	IL
Arsenic	IL
Barium	IL
Beryllium	IL
Cadmium	IL
Chromium	IL
Copper	IL
Lead	IL
Manganese	IL
Molybdenum	IL
Nickel	IL
Selenium	IL
Silver	IL
Thallium	IL
Zinc	IL
Method EPA 245.1 Rev: 3	
Mercury	IL
Method EPA 335.4 Rev: 1	
Cyanide	IL
Method EPA 353.2 Rev: 2	
Nitrate	IL
Nitrate-nitrite	IL
Method SM 2130 B Rev: 20th ED	
Turbidity	IL
Method SM 2320 B Rev: 23rd ED	
Alkalinity as CaCO3	IL
Method SM 2340 B Rev: 23rd ED	
Hardness	IL

Field of Testing /Matrix: ***SDWA (Potable Water)***

Method SM 2510 B Rev: 21st ED	
Conductivity	IL
Method SM 2540 C Rev: 23rd ED	
Total dissolved solids	IL
Method SM 4500-Cl G Rev: 20th ED	
Total chlorine	IL
Method SM 4500-F^- C Rev: 23rd ED	
Fluoride	IL
Method SM 4500-H+ B Rev: 21st ED	
pH	IL
Method SM 4500-$NO2^-$ B Rev: 23rd ED	
Nitrite	IL
Method SM 4500-P E Rev: 23rd ED	
Orthophosphate as P	IL
Method SM 4500-SiO2 D Rev: 23rd ED	
Silica as SiO2	IL
Method SM 5310 C Rev: 21st ED	
Dissolved organic carbon (DOC)	IL
Total organic carbon	IL

End of Scope of Accreditation