

REPORT OF DRINKING WATER SAMPLING FOR LEAD CONTENT AT:

**SOUTH MIDDLE
561 EAST HIGHWAY N
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**

NOVEMBER 2023

DOCUMENT TO BE RETAINED INDEFINITELY

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EXECUTIVE SUMMARY

November 8th, 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): South Middle
561 East Highway N
Wentzville, Missouri 63385**

Dear Mrs. Hawkins

On the morning of October 25th, 2023, J.S. Held performed lead testing of multiple water sources at the South Middle located at 561 East Highway N 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 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 inspectors met at the school at 3:00 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 Fifty-Four (54) different locations throughout South Middle 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. **One Hundred-Four (104) samples collected from the selected locations at the South Middle reported sample results which were less than the 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 are 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.

The following results are greater than the action level.

15A	Kitchen- Dishwashing Sink by Serving Station (Far Right) Sink	17.9
21A	Kitchen- Near Ovens Sink	6.2
22A	Kitchen- Near Ovens (Left) *Not Used* Sink	19.2
27A	Near Boys Locker Room- Room 131 (Right) Fountain	7.2
37A	Room 201- Station 2 Sink	6.2

At this time all water sources testing at 15 ppb or above should be removed from service. These sources are subject to additional maintenance activities and response actions prior to use. Before being put back in service, J.S. Held recommends these sources be re-tested to confirm compliance with acceptable levels. In addition, all sources will be subject to an ongoing maintenance program and re-testing at appropriate intervals. **Any samples reported over 10 ppb should be re-sampled on an annual basis at a minimum.**

Although no additional samples were identified above the action level, 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 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
South Middle School
Sampled: October 25, 2023**

Sample ID	Location	Water Source	Results (ppb)
01A	Near Restroom 412 (Right)	Fountain	<1.0
01B	Near Restroom 412 (Right)	Fountain	<1.0
02A	Near Restroom 412 (Left)	Fountain	<1.0
02B	Near Restroom 412 (Left)	Fountain	<1.0
03A	Room 427- Island (Left)	Sink	<1.0
03B	Room 427- Island (Left)	Sink	<1.0
04A	Room 427- Island (Right)	Sink	1.4
04B	Room 427- Island (Right)	Sink	<1.0
05A	Room 427- West Wall (Left)	Sink	<1.0
05B	Room 427- West Wall (Left)	Sink	<1.0
06A	Room 427- West Wall (Right)	Sink	<1.0
06B	Room 427- West Wall (Right)	Sink	<1.0
07A	Near Room 423 (Left)	Fountain	<1.0
07B	Near Room 423 (Left)	Fountain	<1.0
08A	Near Room 423 (Left Center)	Fountain	<1.0
08B	Near Room 423 (Left Center)	Fountain	<1.0
09A	Near Room 423 (Right Center)	Fountain	<1.0
09B	Near Room 423 (Right Center)	Fountain	<1.0
10A	Near Room 423 (Right)	Fountain	<1.0
10B	Near Room 423 Right)	Fountain	<1.0
11A	Near 106 (Right)	Fountain	<1.0
11B	Near 106 (Right)	Fountain	<1.0
12A	Near 106 (Left)	Fountain	<1.0
12B	Near 106 (Left)	Fountain	<1.0
13A	Cafeteria Near Kitchen	Fountain	<1.0
13B	Cafeteria Near Kitchen	Fountain	<1.0
14A	Kitchen- Dishwashing Area	Sink	<1.0
14B	Kitchen- Dishwashing Area	Sink	<1.0
15A	Kitchen- Dishwashing Sink by Serving Station (Far Right)	Sink	17.9
15B	Kitchen- Dishwashing Sink by Serving Station (Far Right)	Sink	3.1
16A	Kitchen- Dishwashing Sink by Serving Station (Right)	Sink	2.8
16B	Kitchen- Dishwashing Sink by Serving Station (Right)	Sink	<1.0
17A	Kitchen- Dishwashing Sink by Serving Station (Middle)	Sink	2.4
17B	Kitchen- Dishwashing Sink by Serving Station (Middle)	Sink	<1.0
18A	Kitchen- Dishwashing Sink by Serving Station (Left)	Sink	3.9

Sample ID	Location	Water Source	Results (ppb)
18B	Kitchen- Dishwashing Sink by Serving Station (Left)	Sink	<1.0
19A	Kitchen- Near Freezer 2-Bay	Sink	<1.0
19B	Kitchen- Near Freezer 2-Bay	Sink	1.7
20A	Kitchen- Near Freezer 1-Bay	Sink	<1.0
20B	Kitchen- Near Freezer 1-Bay	Sink	<1.0
21A	Kitchen- Near Ovens	Sink	6.2
21B	Kitchen- Near Ovens	Sink	<1.0
22A	Kitchen- Near Ovens (Left) *Not Used*	Sink	19.2
22B	Kitchen- Near Ovens (Left) *Not Used*	Sink	<1.0
23A	Kitchen- Pot Filler	Sink	<1.0
23B	Kitchen- Pot Filler	Sink	<1.0
24	Kitchen- Ice Machine	Ice Machine	<1.0
25A	Near Room 128 (Right)	Fountain	<1.0
25B	Near Room 128 (Right)	Fountain	<1.0
26A	Near Room 128 (Left)	Fountain	<1.0
26B	Near Room 128 (Left)	Fountain	<1.0
27A	Near Boys Locker Room- Room 131 (Right)	Fountain	7.2
27B	Near Boys Locker Room- Room 131 (Right)	Fountain	<1.0
28A	Near Boys Locker Room- Room 131 (Left)	Fountain	<1.0
28B	Near Boys Locker Room- Room 131 (Left)	Fountain	<1.0
29A	Near Electrical Room 135 (Right)	Fountain	<1.0
29B	Near Electrical Room 135 (Right)	Fountain	<1.0
30A	Near Electrical Room 135 (Left)	Fountain	<1.0
30B	Near Electrical Room 135 (Left)	Fountain	<1.0
31A	Nurse's Office Restroom	Sink	2.5
31B	Nurse's Office Restroom	Sink	<1.0
32A	Room 202 Faculty Office	Sink	<1.0
32B	Room 202 Faculty Office	Sink	<1.0
33	Room 202- Ice Machine	Ice Machine	<1.0
34A	200 Hall Men's Restroom	Fountain	<1.0
34B	200 Hall Men's Restroom	Fountain	<1.0
35A	200 Hall Women's Restroom	Fountain	<1.0
35B	200 Hall Women's Restroom	Fountain	<1.0
36A	Room 201- Station 1	Sink	4.1
36B	Room 201- Station 1	Sink	<1.0
37A	Room 201- Station 2	Sink	6.2
37B	Room 201- Station 2	Sink	<1.0
38A	Room 201- Station 3	Sink	<1.0
38B	Room 201- Station 3	Sink	<1.0
39A	Room 201- Station 4	Sink	<1.0
39B	Room 201- Station 4	Sink	<1.0
40A	Room 201- Station 5	Sink	<1.0
40B	Room 201- Station 5	Sink	<1.0
41A	300 Hall Women's Restroom	Fountain	<1.0

Sample ID	Location	Water Source	Results (ppb)
41B	300 Hall Women's Restroom	Fountain	<1.0
42A	300 Hall Men's Restroom	Fountain	<1.0
42B	300 Hall Men's Restroom	Fountain	<1.0
43A	500 Hall Boy's Restroom (Left Set) (Left)	Fountain	<1.0
43B	500 Hall Boy's Restroom (Left Set) (Left)	Fountain	<1.0
44A	500 Hall Boy's Restroom (Left Set) (Right)	Fountain	<1.0
44B	500 Hall Boy's Restroom (Left Set) (Right)	Fountain	<1.0
45A	500 Hall Boy's Restroom (Right Set) (Left)	Fountain	<1.0
45B	500 Hall Boy's Restroom (Right Set) (Left)	Fountain	<1.0
46A	500 Hall Boy's Restroom (Right Set) (Right)	Fountain	<1.0
46B	500 Hall Boy's Restroom (Right Set) (Right)	Fountain	<1.0
47A	600 Hall Restroom (Left Set) (Left)	Fountain	<1.0
47B	600 Hall Restroom (Left Set) (Left)	Fountain	<1.0
48A	600 Hall Restroom (Left Set) (Right)	Fountain	<1.0
48B	600 Hall Restroom (Left Set) (Right)	Fountain	<1.0
49A	600 Hall Restroom (Right Set) (Left)	Fountain	<1.0
49B	600 Hall Restroom (Right Set) (Left)	Fountain	<1.0
50A	600 Hall Restroom (Right Set) (Right)	Fountain	<1.0
50B	600 Hall Restroom (Right Set) (Right)	Fountain	<1.0
51A	Near 701 (Left)	Fountain	<1.0
51B	Near 701 (Left)	Fountain	<1.0
52A	Near 701 (Left Center)	Fountain	<1.0
52B	Near 701 (Left Center)	Fountain	<1.0
53A	Near 701 (Right Center)	Fountain	<1.0
53B	Near 701 (Right Center)	Fountain	<1.0
54A	Near 701 (Right)	Fountain	<1.0
54B	Near 701 (Right)	Fountain	<1.0

#####

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.

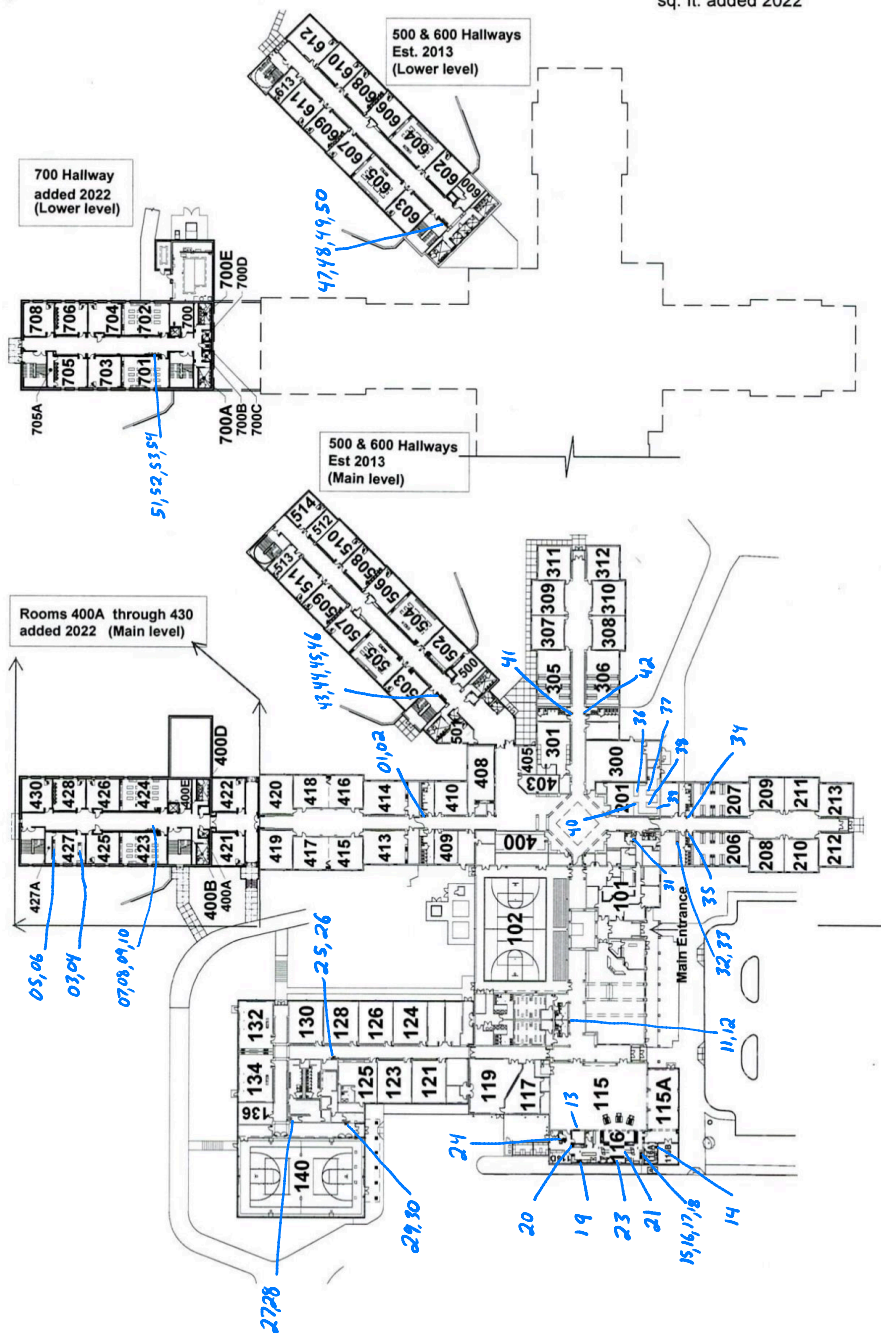
Sample Legend

“A” = First Draw

“B” = Second Draw



561 East Highway N / Wentzville 63385
132,555 sq. ft. Est. 1993
sq. ft. added 2022



APPENDIX B

LABORATORY ANALYSIS

November 07, 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 South
Mid

WorkOrder: 23102191

Dear Jim Yasitis:

TEKLAB, INC received 40 samples on 10/25/2023 8:32:00 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
Project Manager
(618)344-1004 ex 41
mdarling@teklabinc.com



Report Contents

<http://www.teklabinc.com/>

Client: Environmental Consultants, LLC

Work Order: 23102191

Client Project: Wentzville SD Water Sampling 231000104 South Mid

Report Date: 07-Nov-23

This reporting package includes the following:

Cover Letter	1
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Accreditations	6
Laboratory Results	7
Receiving Check List	8
Chain of Custody	Appended

Client: Environmental Consultants, LLC**Work Order:** 23102191**Client Project:** Wentzville SD Water Sampling 231000104 South Mid**Report Date:** 07-Nov-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: 23102191

Client Project: Wentzville SD Water Sampling 231000104 South Mid

Report Date: 07-Nov-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: 23102191

Client Project: Wentzville SD Water Sampling 231000104 South Mid

Report Date: 07-Nov-23

Cooler Receipt Temp: NA °C

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
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

Springfield

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

Chicago

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

Kansas City

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

Client: Environmental Consultants, LLC**Work Order:** 23102191**Client Project:** Wentzville SD Water Sampling 231000104 South Mid**Report Date:** 07-Nov-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



Laboratory Results

<http://www.teklabinc.com/>

Client: Environmental Consultants, LLC

Work Order: 23102191

Client Project: Wentzville SD Water Sampling 231000104 South Mid

Report Date: 07-Nov-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									
23102191-001A	01A	NELAP		1.0	< 1.0	µg/L	1	11/02/2023 15:16	10/25/2023 3:00
23102191-002A	01B	NELAP		1.0	< 1.0	µg/L	1	11/03/2023 20:51	10/25/2023 3:00
23102191-003A	02A	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 9:59	10/25/2023 3:00
23102191-004A	02B	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 10:03	10/25/2023 3:00
23102191-005A	03A	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 10:07	10/25/2023 3:00
23102191-006A	03B	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 10:28	10/25/2023 3:00
23102191-007A	04A	NELAP		1.0	1.4	µg/L	1	11/06/2023 10:11	10/25/2023 3:00
23102191-008A	04B	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 10:15	10/25/2023 3:00
23102191-009A	05A	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 10:19	10/25/2023 3:00
23102191-010A	05B	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 10:23	10/25/2023 3:00
23102191-011A	06A	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 10:52	10/25/2023 3:00
23102191-012A	06B	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 10:56	10/25/2023 3:00
23102191-013A	07A	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 11:00	10/25/2023 3:00
23102191-014A	07B	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 11:04	10/25/2023 3:00
23102191-015A	08A	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 11:08	10/25/2023 3:00
23102191-016A	08B	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 11:20	10/25/2023 3:00
23102191-017A	09A	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 11:12	10/25/2023 3:00
23102191-018A	09B	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 11:16	10/25/2023 3:00
23102191-019A	10A	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 11:44	10/25/2023 3:00
23102191-020A	10B	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 11:48	10/25/2023 3:00
23102191-021A	11A	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 11:52	10/25/2023 3:00
23102191-022A	11B	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 11:56	10/25/2023 3:00
23102191-023A	12A	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 12:00	10/25/2023 3:00
23102191-024A	12B	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 12:04	10/25/2023 3:00
23102191-025A	13A	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 12:08	10/25/2023 3:00
23102191-026A	13B	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 12:12	10/25/2023 3:00
23102191-027A	14A	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 12:41	10/25/2023 3:00
23102191-028A	14B	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 12:45	10/25/2023 3:00
23102191-029A	15A	NELAP		1.0	17.9	µg/L	5	11/02/2023 16:58	10/25/2023 3:00
23102191-030A	15B	NELAP		1.0	3.1	µg/L	1	11/06/2023 12:49	10/25/2023 3:00
23102191-031A	16A	NELAP		1.0	2.8	µg/L	1	11/06/2023 12:53	10/25/2023 3:00
23102191-032A	16B	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 12:57	10/25/2023 3:00
23102191-033A	17A	NELAP		1.0	2.4	µg/L	1	11/06/2023 13:01	10/25/2023 3:00
23102191-034A	17B	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 13:05	10/25/2023 3:00
23102191-035A	18A	NELAP		1.0	3.9	µg/L	1	11/07/2023 5:38	10/25/2023 3:00
23102191-036A	18B	NELAP		1.0	< 1.0	µg/L	1	11/07/2023 5:42	10/25/2023 3:00
23102191-037A	19A	NELAP		1.0	< 1.0	µg/L	1	11/06/2023 13:09	10/25/2023 3:00
23102191-038A	19B	NELAP		1.0	1.7	µg/L	1	11/07/2023 5:46	10/25/2023 3:00
23102191-039A	20A	NELAP		1.0	< 1.0	µg/L	1	11/07/2023 5:50	10/25/2023 3:00
23102191-040A	20B	NELAP		1.0	< 1.0	µg/L	1	11/07/2023 5:54	10/25/2023 3:00



Receiving Check List

<http://www.teklabinc.com/>

Client: Environmental Consultants, LLC

Work Order: 23102191

Client Project: Wentzville SD Water Sampling 231000104 South Mid

Report Date: 07-Nov-23

Carrier: Devon Rathbun

Received By: HAW

Completed by:

Elizabeth A. Hurley

Reviewed by:

Ellie Hopkins

On:

26-Oct-23

Elizabeth A. Hurley

On:

27-Oct-23

Ellie Hopkins

Pages to follow: Chain of custody

Extra pages included

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

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 <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials <input checked="" type="checkbox"/>
Water - TOX containers have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No TOX containers <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
NPDES/CWA TCN interferences checked/treated in the field?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

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.

pg. 1 of 11 Work Order # 23102191
~~23101977~~
 TE GMA
 one: (618) 344-1004 ~ Fax: (618) 344-1005 10/26/23

TE 604
005 10/26/83

Comments:
Wentzville South
Middle School

- Please report in ppb

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 _____.

pg. 2 of 11 Work Order #. 23101977
 2310191
 TE sent 10/20/23
 one: (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

Comments:

Wentzville South
Middle School

Please report in pph

- 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

[illegible]

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 is signing this agreement voluntarily.

CHAIN OF CUSTODY

pg. 3 of 11 Work Order #. 23101977
TE 4/10/13

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:
Wentzville South
Middle 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

[illegible]

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:

pg. 4 of 11 Work Order # 23102191
~~23102191~~
 TE 5/10/2011
 one: (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

Comments:
Wentzville South
Middle School
Please report in pbb

- [illegible]

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

November 07, 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 South
Mid

WorkOrder: 23102192

Dear Jim Yasitis:

TEKLAB, INC received 64 samples on 10/25/2023 8:32:00 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
Project Manager
(618)344-1004 ex 41
mdarling@teklabinc.com

Client: Environmental Consultants, LLC

Work Order: 23102192

Client Project: Wentzville SD Water Sampling 231000104 South Mid

Report Date: 07-Nov-23

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	9
Chain of Custody	Appended

Client: Environmental Consultants, LLC

Work Order: 23102192

Client Project: Wentzville SD Water Sampling 231000104 South Mid

Report Date: 07-Nov-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: 23102192

Client Project: Wentzville SD Water Sampling 231000104 South Mid

Report Date: 07-Nov-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: 23102192

Client Project: Wentzville SD Water Sampling 231000104 South Mid

Report Date: 07-Nov-23

Cooler Receipt Temp: NA °C

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
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

Springfield

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

Chicago

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

Kansas City

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

Client: Environmental Consultants, LLC**Work Order:** 23102192**Client Project:** Wentzville SD Water Sampling 231000104 South Mid**Report Date:** 07-Nov-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



Laboratory Results

<http://www.teklabinc.com/>

Client: Environmental Consultants, LLC

Work Order: 23102192

Client Project: Wentzville SD Water Sampling 231000104 South Mid

Report Date: 07-Nov-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									
23102192-001A	21A	NELAP		1.0	6.2	µg/L	1	11/07/2023 5:58	10/25/2023 3:00
23102192-002A	21B	NELAP		1.0	< 1.0	µg/L	1	11/07/2023 6:02	10/25/2023 3:00
23102192-003A	23A	NELAP		1.0	19.2	µg/L	1	11/07/2023 6:06	10/25/2023 3:00
23102192-004A	23B	NELAP		1.0	< 1.0	µg/L	1	11/07/2023 6:10	10/25/2023 3:00
23102192-005A	24	NELAP		1.0	< 1.0	µg/L	1	11/07/2023 6:14	10/25/2023 3:00
23102192-006A	25A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 2:12	10/25/2023 3:00
23102192-007A	25B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 1:44	10/25/2023 3:00
23102192-008A	26A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 1:48	10/25/2023 3:00
23102192-009A	26B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 1:52	10/25/2023 3:00
23102192-010A	27A	NELAP		1.0	7.2	µg/L	1	11/04/2023 1:56	10/25/2023 3:00
23102192-011A	27B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 2:00	10/25/2023 3:00
23102192-012A	28A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 2:04	10/25/2023 3:00
23102192-013A	28B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 2:08	10/25/2023 3:00
23102192-014A	29A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 2:37	10/25/2023 3:00
23102192-015A	29B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 2:41	10/25/2023 3:00
23102192-016A	30A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 3:05	10/25/2023 3:00
23102192-017A	30B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 2:45	10/25/2023 3:00
23102192-018A	31A	NELAP		1.0	2.5	µg/L	1	11/04/2023 2:49	10/25/2023 3:00
23102192-019A	31B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 2:53	10/25/2023 3:00
23102192-020A	32A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 2:57	10/25/2023 3:00
23102192-021A	32B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 3:01	10/25/2023 3:00
23102192-022A	33	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 3:38	10/25/2023 3:00
23102192-023A	34A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 3:42	10/25/2023 3:00
23102192-024A	34B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 3:46	10/25/2023 3:00
23102192-025A	35A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 3:50	10/25/2023 3:00
23102192-026A	35B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 4:06	10/25/2023 3:00
23102192-027A	36A	NELAP		1.0	4.1	µg/L	1	11/04/2023 3:54	10/25/2023 3:00
23102192-028A	36B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 3:58	10/25/2023 3:00
23102192-029A	37A	NELAP		1.0	6.2	µg/L	1	11/04/2023 4:02	10/25/2023 3:00
23102192-030A	37B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 4:30	10/25/2023 3:00
23102192-031A	38A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 4:34	10/25/2023 3:00
23102192-032A	38B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 4:38	10/25/2023 3:00
23102192-033A	39A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 4:42	10/25/2023 3:00
23102192-034A	39B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 4:46	10/25/2023 3:00
23102192-035A	40A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 4:50	10/25/2023 3:00
23102192-036A	40B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 4:59	10/25/2023 3:00
23102192-037A	41A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 4:54	10/25/2023 3:00
23102192-038A	41B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 5:23	10/25/2023 3:00
23102192-039A	42A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 5:27	10/25/2023 3:00
23102192-040A	42B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 5:31	10/25/2023 3:00
23102192-041A	43A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 5:35	10/25/2023 3:00
23102192-042A	43B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 5:39	10/25/2023 3:00
23102192-043A	44A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 5:43	10/25/2023 3:00
23102192-044A	44B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 5:47	10/25/2023 3:00
23102192-045A	45A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 6:15	10/25/2023 3:00
23102192-046A	45B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 5:51	10/25/2023 3:00
23102192-047A	46A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 6:19	10/25/2023 3:00
23102192-048A	46B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 6:24	10/25/2023 3:00



Laboratory Results

<http://www.teklabinc.com/>

Client: Environmental Consultants, LLC

Work Order: 23102192

Client Project: Wentzville SD Water Sampling 231000104 South Mid

Report Date: 07-Nov-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									
23102192-049A	47A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 6:28	10/25/2023 3:00
23102192-050A	47B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 6:32	10/25/2023 3:00
23102192-051A	48A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 6:36	10/25/2023 3:00
23102192-052A	48B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 6:40	10/25/2023 3:00
23102192-053A	49A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 6:44	10/25/2023 3:00
23102192-054A	49B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 6:48	10/25/2023 3:00
23102192-055A	50A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 6:52	10/25/2023 3:00
23102192-056A	50B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 7:36	10/25/2023 3:00
23102192-057A	51A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 7:08	10/25/2023 3:00
23102192-058A	51B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 7:12	10/25/2023 3:00
23102192-059A	52A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 7:16	10/25/2023 3:00
23102192-060A	52B	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 7:20	10/25/2023 3:00
23102192-061A	53A	NELAP		1.0	< 1.0	µg/L	1	11/04/2023 7:24	10/25/2023 3:00
23102192-062A	53B	NELAP		1.0	< 1.0	µg/L	1	11/03/2023 20:39	10/25/2023 3:00
23102192-063A	54A	NELAP		1.0	< 1.0	µg/L	1	11/03/2023 20:43	10/25/2023 3:00
23102192-064A	54B	NELAP		1.0	< 1.0	µg/L	1	11/03/2023 20:47	10/25/2023 3:00



Receiving Check List

<http://www.teklabinc.com/>

Client: Environmental Consultants, LLC

Work Order: 23102192

Client Project: Wentzville SD Water Sampling 231000104 South Mid

Report Date: 07-Nov-23

Carrier: Devon Rathbun

Received By: HAW

Completed by:

Elizabeth A. Hurley

Reviewed by:

Ellie Hopkins

On:

26-Oct-23

Elizabeth A. Hurley

On:

27-Oct-23

Ellie Hopkins

Pages to follow: Chain of custody

Extra pages included

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

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 <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials <input checked="" type="checkbox"/>
Water - TOX containers have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No TOX containers <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
NPDES/CWA TCN interferences checked/treated in the field?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

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.

pg. 5 of 11 Work Order #. 23101977
 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: ☐ El Ice ☐ Blue Ice ☒ No Ice NA °C
Preserved in: ☒ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:
Wentzville South
Middle 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

[illegible]

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:

CHAIN OF CUSTODY

pg. 6 of 11 Work Order #. 23102192
23101911
SE 9/25/13

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 Kasitis 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:
Wentzville South
Middle 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		Sample Collector's Name		MATRIX		INDICATE ANALYSIS REQUESTED																	
Wentzville SD Water Sampling 231000104		Brad Frisch																					
Results Requested		Billing Instructions		# and Type of Containers																			
<input checked="" type="checkbox"/> Standard <input type="checkbox"/> 1-2 Day (100% Surcharge)																							
<input type="checkbox"/> Other <u> </u> <input type="checkbox"/> 3 Day (50% Surcharge)																							
Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO ₃	NaOH	H ₂ SO ₄	HCL	MeOH	NaHSO ₄	Other	Water	Drinking Water	Soil	Sludge	Sp. Waste	Lead (Pb)							
<u>23102192-D11</u>	<u>27B</u>	<u>10.25.23 3:00</u>	<u>X</u>									<u>X</u>				<u>X</u>							
<u>D12</u>	<u>28A</u>		<u>X</u>									<u>X</u>				<u>X</u>							
<u>D13</u>	<u>28B</u>		<u>X</u>									<u>X</u>				<u>X</u>							
<u>D14</u>	<u>29A</u>		<u>X</u>									<u>X</u>				<u>X</u>							
<u>D15</u>	<u>29B</u>		<u>X</u>									<u>X</u>				<u>X</u>							
<u>D16</u>	<u>30A</u>		<u>X</u>									<u>X</u>				<u>X</u>							
<u>D17</u>	<u>30B</u>		<u>X</u>									<u>X</u>				<u>X</u>							
<u>D18</u>	<u>31A</u>		<u>X</u>									<u>X</u>				<u>X</u>							
<u>D19</u>	<u>31B</u>		<u>X</u>									<u>X</u>				<u>X</u>							
<u>D20</u>	<u>32A</u>		<u>X</u>									<u>X</u>				<u>X</u>							

Relinquished By		Date / Time		Received By		Date / Time	
<u>Devon Rathbun</u>		<u>10.25.23</u>		<u>David Wa</u>		<u>10/25/23 0832</u>	

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

pg. 7 of 11 Work Order # 23102192
~~23101911~~
 TE 904
 one: (618) 344-1004 ~ Fax: (618) 344-1005 12/20/23

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005 ^{12/20/23}

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:

Wentzville South
Middle 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

[illegible]

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 is signing this agreement voluntarily.

CHAIN OF CUSTODY

pg. 8 of 11 Work Order #. 23102192
23101977
TE 941 11/26/23

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 Kasitis Phone: 618-343-3590
 E-Mail: james.kasitis@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:
Wentzville South
Middle 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		Sample Collector's Name		MATRIX		INDICATE ANALYSIS REQUESTED																	
Wentzville SD Water Sampling 231000104		Brad Frisch																					
Results Requested		Billing Instructions		# and Type of Containers								Water		Drinking Water		Soil		Sludge		Sp. Waste		Lead (Pb)	
<input checked="" type="checkbox"/> Standard <input type="checkbox"/> 1-2 Day (100% Surcharge)																							
<input type="checkbox"/> Other _____ <input type="checkbox"/> 3 Day (50% Surcharge)																							
Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO ₃	NaOH	H ₂ SO ₄	HCL	MeOH	NaHSO ₄	Other	Water	Drinking Water	Soil	Sludge	Sp. Waste	Lead (Pb)							
23102192-031	38A	10/25/23 3:00	X									X				X							
032	38B		X									X				X							
033	39A		X									X				X							
034	39B		X									X				X							
035	40A		X									X				X							
036	40B		X									X				X							
037	41A		X									X				X							
038	41B		X									X				X							
039	42A		X									X				X							
040	42B		X									X				X							

Relinquished By		Date / Time		Received By		Date / Time	
Devon Rathbun		10/25/23		Dana W		10/27/23 0832	

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

CHAIN OF CUSTODY

pg. 9 of 11 Work Order # 23102192
23101977
DE Sam 10/26/12

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 Kasitis Phone: 618-343-3590
 E-Mail: james.kasitis@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:
Wentzville South
Middle 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		Sample Collector's Name		MATRIX		INDICATE ANALYSIS REQUESTED																	
Wentzville SD Water Sampling 231000104		Brad Frisch																					
Results Requested		Billing Instructions		# and Type of Containers								Water		Drinking Water		Soil		Sludge		Sp. Waste		Lead (Pb)	
<input checked="" type="checkbox"/> Standard <input type="checkbox"/> 1-2 Day (100% Surcharge)																							
<input type="checkbox"/> Other _____ <input type="checkbox"/> 3 Day (50% Surcharge)																							
Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO ₃	NaOH	H ₂ SO ₄	HCL	MeOH	NaHSO ₄	Other	Water	Drinking Water	Soil	Sludge	Sp. Waste	Lead (Pb)							
23102192-041	43A	10-25-23 3:00	X									X				X							
042	43B		X									X				X							
043	44A		X									X				X							
044	44B		X									X				X							
045	45A		X									X				X							
046	45B		X									X				X							
047	46A		X									X				X							
048	46B		X									X				X							
049	47A		X									X				X							
050	47B		X									X				X							
Relinquished By		Date / Time		Received By								Date / Time											
Devon Rathbun		10-25-23		D. J. W.								10/27/23 0832 TE 4W 10/25/23											

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

CHAIN OF CUSTODY

pg. 10 of 11 Work Order # 23102192
23101977
 TE GH
 10/25/23

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
 Preserved in: ☐ Lab ☐ Field **FOR LAB USE ONLY**
 Lab Notes:
 Comments:
Wentzville South
Middle 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		Sample Collector's Name		MATRIX		INDICATE ANALYSIS REQUESTED																	
Wentzville SD Water Sampling 231000104		Brad Frisch																					
Results Requested		Billing Instructions		# and Type of Containers								Water		Drinking Water		Soil		Sludge		Sp. Waste		Lead (Pb)	
<input checked="" type="checkbox"/> Standard <input type="checkbox"/> 1-2 Day (100% Surcharge)																							
<input type="checkbox"/> Other <input type="checkbox"/> 3 Day (50% Surcharge)																							
Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO ₃	NaOH	H ₂ SO ₄	HCL	MeOH	NaHSO ₄	Other	Water	Drinking Water	Soil	Sludge	Sp. Waste	Lead (Pb)							
23102192-101	48A	10.25.23 3:00	X								X					X							
052	48B		X								X					X							
053	49A		X								X					X							
054	49B		X								X					X							
055	50A		X								X					X							
056	50B		X								X					X							
057	51A		X								X					X							
058	51B		X								X					X							
059	52A		X								X					X							
060	52B		X								X					X							

Relinquished By		Date / Time		Received By		Date / Time	
Devon Rothman		10.25.23		Hannah Wa		10/25/23 0832	

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

CHAIN OF CUSTODY

pg. 11 of 11 Work Order # 23102192
TE 444 10/26/23

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:
Wentzville South
Middle 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		Sample Collector's Name		MATRIX		INDICATE ANALYSIS REQUESTED																	
Wentzville SD Water Sampling 231000104		Brad Frisch																					
Results Requested		Billing Instructions		# and Type of Containers								Water		Drinking Water		Soil		Sludge		Sp. Waste		Lead (Pb)	
<input checked="" type="checkbox"/> Standard <input type="checkbox"/> 1-2 Day (100% Surcharge) <input type="checkbox"/> Other <input type="checkbox"/> 3 Day (50% Surcharge)				UNPRES	HNO ₃	NaOH	H ₂ SO ₄	HCL	MeOH	NaHSO ₄	Other												
Lab Use Only	Sample Identification	Date/Time Sampled																					
23102192-061	S3A	10/25/23 3:00	X									X											
062	S3B		X									X											
063	S4A		X									X											
064	S4B		X									X											
			X									X											
			X									X											
			X									X											
			X									X											
			X									X											
			X									X											
			X									X											

Relinquished By	Date / Time	Received By	Date / Time
Devon Rathbun	10/25/23	Hand Wa	10/25/23 0832

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

TABLE 1

**Drinking Water Sampling for Lead Content
Wentzville R-IV School District
South Middle School
Sampled: October 25, 2023**

Sample ID	Location	Water Source	Results (ppb)
01A	Near Restroom 412 (Right)	Fountain	
01B	Near Restroom 412 (Right)	Fountain	
02A	Near Restroom 412 (Left)	Fountain	
02B	Near Restroom 412 (Left)	Fountain	
03A	Room 427- Island (Left)	Sink	
03B	Room 427- Island (Left)	Sink	
04A	Room 427- Island (Right)	Sink	
04B	Room 427- Island (Right)	Sink	
05A	Room 427- West Wall (Left)	Sink	
05B	Room 427- West Wall (Left)	Sink	
06A	Room 427- West Wall (Right)	Sink	
06B	Room 427- West Wall (Right)	Sink	
07A	Near Room 423 (Left)	Fountain	
07B	Near Room 423 (Left)	Fountain	
08A	Near Room 423 (Left Center)	Fountain	
08B	Near Room 423 (Left Center)	Fountain	
09A	Near Room 423 (Right Center)	Fountain	
09B	Near Room 423 (Right Center)	Fountain	
10A	Near Room 423 (Right)	Fountain	
10B	Near Room 423 Right)	Fountain	
11A	Near 106 (Right)	Fountain	
11B	Near 106 (Right)	Fountain	
12A	Near 106 (Left)	Fountain	
12B	Near 106 (Left)	Fountain	
13A	Cafeteria Near Kitchen	Fountain	
13B	Cafeteria Near Kitchen	Fountain	
14A	Kitchen- Dishwashing Area	Sink	
14B	Kitchen- Dishwashing Area	Sink	
15A	Kitchen- Dishwashing Sink by Serving Station (Far Right)	Sink	
15B	Kitchen- Dishwashing Sink by Serving Station (Far Right)	Sink	
16A	Kitchen- Dishwashing Sink by Serving Station (Right)	Sink	
16B	Kitchen- Dishwashing Sink by Serving Station (Right)	Sink	
17A	Kitchen- Dishwashing Sink by Serving Station (Middle)	Sink	
17B	Kitchen- Dishwashing Sink by Serving Station (Middle)	Sink	
18A	Kitchen- Dishwashing Sink by Serving Station (Left)	Sink	

23/10/21/92

Sample ID	Location	Water Source	Results (ppb)
18B	Kitchen- Dishwashing Sink by Serving Station (Left)	Sink	
19A	Kitchen- Near Freezer 2-Bay	Sink	
19B	Kitchen- Near Freezer 2-Bay	Sink	
20A	Kitchen- Near Freezer 1-Bay	Sink	
20B	Kitchen- Near Freezer 1-Bay	Sink	
21A	Kitchen- Near Ovens	Sink	
21B	Kitchen- Near Ovens	Sink	
22A	Kitchen- Near Ovens (Left) *Not Used*	Sink	
22B	Kitchen- Near Ovens (Left) *Not Used*	Sink	
23A	Kitchen- Pot Filler	Sink	
23B	Kitchen- Pot Filler	Sink	
24	Kitchen- Ice Machine	Ice Machine	
25A	Near Room 128 (Right)	Fountain	
25B	Near Room 128 (Right)	Fountain	
26A	Near Room 128 (Left)	Fountain	
26B	Near Room 128 (Left)	Fountain	
27A	Near Boys Locker Room- Room 131 (Right)	Fountain	
27B	Near Boys Locker Room- Room 131 (Right)	Fountain	
28A	Near Boys Locker Room- Room 131 (Left)	Fountain	
28B	Near Boys Locker Room- Room 131 (Left)	Fountain	
29A	Near Electrical Room 135 (Right)	Fountain	
29B	Near Electrical Room 135 (Right)	Fountain	
30A	Near Electrical Room 135 (Left)	Fountain	
30B	Near Electrical Room 135 (Left)	Fountain	
31A	Nurse's Office Restroom	Sink	
31B	Nurse's Office Restroom	Sink	
32A	Room 202 Faculty Office	Sink	
32B	Room 202 Faculty Office	Sink	
33	Room 202- Ice Machine	Ice Machine	
34A	200 Hall Men's Restroom	Fountain	
34B	200 Hall Men's Restroom	Fountain	
35A	200 Hall Women's Restroom	Fountain	
35B	200 Hall Women's Restroom	Fountain	
36A	Room 201- Station 1	Sink	
36B	Room 201- Station 1	Sink	
37A	Room 201- Station 2	Sink	
37B	Room 201- Station 2	Sink	
38A	Room 201- Station 3	Sink	
38B	Room 201- Station 3	Sink	
39A	Room 201- Station 4	Sink	
39B	Room 201- Station 4	Sink	
40A	Room 201- Station 5	Sink	
40B	Room 201- Station 5	Sink	
41A	300 Hall Women's Restroom	Fountain	

23102192

<u>Sample ID</u>	<u>Location</u>	<u>Water Source</u>	<u>Results (ppb)</u>
41B	300 Hall Women's Restroom	Fountain	
42A	300 Hall Men's Restroom	Fountain	
42B	300 Hall Men's Restroom	Fountain	
43A	500 Hall Boy's Restroom (Left Set) (Left)	Fountain	
43B	500 Hall Boy's Restroom (Left Set) (Left)	Fountain	
44A	500 Hall Boy's Restroom (Left Set) (Right)	Fountain	
44B	500 Hall Boy's Restroom (Left Set) (Right)	Fountain	
45A	500 Hall Boy's Restroom (Right Set) (Left)	Fountain	
45B	500 Hall Boy's Restroom (Right Set) (Left)	Fountain	
46A	500 Hall Boy's Restroom (Right Set) (Right)	Fountain	
46B	500 Hall Boy's Restroom (Right Set) (Right)	Fountain	
47A	600 Hall Restroom (Left Set) (Left)	Fountain	
47B	600 Hall Restroom (Left Set) (Left)	Fountain	
48A	600 Hall Restroom (Left Set) (Right)	Fountain	
48B	600 Hall Restroom (Left Set) (Right)	Fountain	
49A	600 Hall Restroom (Right Set) (Left)	Fountain	
49B	600 Hall Restroom (Right Set) (Left)	Fountain	
50A	600 Hall Restroom (Right Set) (Right)	Fountain	
50B	600 Hall Restroom (Right Set) (Right)	Fountain	
51A	Near 701 (Left)	Fountain	
51B	Near 701 (Left)	Fountain	
52A	Near 701 (Left Center)	Fountain	
52B	Near 701 (Left Center)	Fountain	
53A	Near 701 (Right Center)	Fountain	
53B	Near 701 (Right Center)	Fountain	
54A	Near 701 (Right)	Fountain	
54B	Near 701 (Right)	Fountain	

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

23102192

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

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

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 sls.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.

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

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.

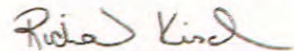
Certification Number 930

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



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 CaCO ₃	IL
Method SM 2320 B-2011	
Alkalinity as CaCO ₃	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-SO ₃	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-SO₃⁻ B-2000

Sulfite-SO₃

IL

Field of Testing /Matrix: RCRA (Non Potable Water)**Method EPA 1010A**

Ignitability	IL
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Method EPA 1020B

Ignitability	IL
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Method EPA 1311 Rev: 0

Toxicity Characteristic Leaching Procedure (TCLP)	IL
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Method EPA 1312 Rev: 0

Synthetic Precipitation Leaching Procedure (SPLP)	IL
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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
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Method EPA 7470A Rev: 1

Mercury	IL
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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 (Dichloroprop)	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
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Method EPA 9014 Rev: 0

Cyanide	IL
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Method EPA 9020B Rev: 2

Total organic halides (TOX)	IL
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Method EPA 9023 Rev: 0

Extractable organics halides (EOX)	IL
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Method EPA 9036 Rev: 0

Sulfate	IL
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Method EPA 9040B Rev: 2

pH	IL
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Method EPA 9050A Rev: 1

Conductivity	IL
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Method EPA 9060A

Total organic carbon	IL
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Method EPA 9065 Rev: 0

Total phenolics	IL
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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
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Method EPA 1020B

Ignitability	IL
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Method EPA 1311 Rev: 0

Toxicity Characteristic Leaching Procedure (TCLP)	IL
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Method EPA 1312 Rev: 0

Synthetic Precipitation Leaching Procedure (SPLP)	IL
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Method EPA 6010B Rev: 2

Aluminum	IL
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Antimony	IL
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Arsenic	IL
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Barium	IL
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Beryllium	IL
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Boron	IL
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Cadmium	IL
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Calcium	IL
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Chromium	IL
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Cobalt	IL
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Copper	IL
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Iron	IL
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Lead	IL
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Lithium	IL
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Magnesium	IL
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Manganese	IL
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Molybdenum	IL
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Nickel	IL
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Phosphorus	IL
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Potassium	IL
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Selenium	IL
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Silver	IL
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Sodium	IL
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Strontium	IL
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Thallium	IL
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Tin	IL
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Titanium	IL
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Vanadium	IL
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Zinc	IL
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Method EPA 6020A Rev: 1

Aluminum	IL
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Antimony	IL
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Arsenic	IL
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Barium	IL
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Beryllium	IL
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Boron	IL
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Cadmium	IL
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Chromium	IL
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Cobalt	IL
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Copper	IL
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Iron	IL
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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
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Method EPA 7471B

Mercury	IL
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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 (Dichloroprop)	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 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

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
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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
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Method EPA 335.4 Rev: 1

Cyanide	IL
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Method EPA 353.2 Rev: 2

Nitrate	IL
Nitrate-nitrite	IL

Method SM 2130 B Rev: 20th ED

Turbidity	IL
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Method SM 2320 B Rev: 23rd ED

Alkalinity as CaCO ₃	IL
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Method SM 2340 B Rev: 23rd ED

Hardness	IL
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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 EDSilica as SiO₂

IL

Method SM 5310 C Rev: 21st ED

Dissolved organic carbon (DOC)

IL

Total organic carbon

IL

End of Scope of Accreditation

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