REPORT OF DRINKING WATER SAMPLING FOR LEAD CONTENT AT:

Wentzville Middle 405 CAMPUS DRIVE WENTZVILLE, MISSOURI 63385



PREPARED FOR:

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

PREPARED BY:

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

OCTOBER 2023

DOCUMENT TO BE RETAINED INDEFINITELY

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EXECUTIVE SUMMARY



jsheld.com

October 31, 2023

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

Subject: Results of Drinking Water Testing for Lead Content

Site(s): Wentzville Middle School

405 Campus Drive,

Wentzville, Missouri 63385

Dear Mrs. Hawkins

On the morning of October 17, 2023, J.S. Held performed lead testing of multiple water sources at Wentzville Middle School located at 405 Campus Drive in Wentzville, Missouri. The sampling was performed by trained and licensed personnel in accordance with USEPA, HUD and State of Missouri Regulations and Guidelines. Work was performed in accordance with the newly amended Missouri Senate Bill 681.

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

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

1

Drinking water samples were collected from thirty-seven (37) different locations throughout Wentzville Middle School during the sampling event. The water samples were collected from drinking fountains and sinks potentially utilized for cooking or drinking activities at the campus. After sample collection, samples were immediately iced down and delivered to Teklab, Inc. located in Collinsville, Illinois following strict chain of custody procedures. Teklab is a NELAP accredited and State of Illinois licensed laboratory specializing in drinking water analysis. Detailed sampling locations and sample results are located in Appendix A of this report.

The analytical sensitivity utilized for the analysis of the water samples submitted identified a reporting limit (RL) of 1.0 micrograms per liter (µg/L). The analytical sensitivity utilized for the analysis of the water samples submitted identified a reporting limit (RL) of 1.0 microgram of lead per liter (µg/L). This reporting value equates to 1.0 parts per billion (ppb) of lead. The USEPA action level for lead in drinking water is 15.0 ppb for PSW. The USEPA document titled "Lead in Drinking Water at Schools and Child Care Facilities" last updated November 9, 2015 identifies an action level for drinking water collected from a plumbing fixture as 20.0 ppb. Seventy-three (73) samples collected from the selected locations at the Pearce Hall reported sample results which were less than the action This information can be found under the National Primary Drinking Water Regulations provided by the EPA, CFR 2010 Title 40. (See Appendix A and B for Sample Results) The Missouri Senate Bill 1075 require potable plumbing fixtures to be less than 5.0 ppb, the levels area above 5 ppb, then action shall be necessary to filter the water from the fixture or clean/repair/replace the fixture and retest until the levels are reported below 5 ppb. Seven (7) samples collected from the selected locations at Wentzville Middle School reported sample results which are above 5 ppb (See Appendix A and B for Sample Results)

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

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Sample ID 05 Kitchen- Ice Machine — Ice Machine — (5.6 ppb)
Sample ID 21A Multi-Purpose Girl's Locker Room (Right) — Fountain (5.0 ppb)
Sample ID 21B Multi-Purpose Girl's Locker Room (Right) — Fountain (6.0 ppb)
Sample ID 22A Multi-Purpose Girl's Locker Room (Left) — Fountain (5.9 ppb)
Sample ID 22B Multi-Purpose Girl's Locker Room (Left) — Fountain (6.0 ppb)
Sample ID 26A Room 127 — Sink (6.2 ppb)
Sample ID 32A Nurses Office Room 112 — Sink (6.5 ppb)
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At this time all water sources testing at 5 ppb or above should be removed from service until filtration can be added or these sources are repaired/replaced and retested reporting under 5 ppb. These sources are subject to additional maintenance activities and response actions prior to use. Before being put back in service. In addition, all sources will be subject to an ongoing maintenance program and re-testing at appropriate intervals. The district will be required to provide notification to parents and staff within 7 days of

receiving these sample results and results shall be posted on the district website within 2 weeks. Any samples reported over 5 ppb should be re-sampled on an annual basis at a minimum.

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

J.S. Held 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 Wentzville Middle School

Sampled: October 17, 2023

Samp	ole ID Location	Water Source	Results (ppb)
01A	Kitchen, Dishwasher area (Right)	Sink	1.8
01B	Kitchen, Dishwasher area (Right)	Sink	1.3
02A	Kitchen, Dishwasher area (Middle)	Sink	<1.0
02B	Kitchen, Dishwashing area (Middle)	Sink	<1.0
03A	Kitchen, Dishwashing area (Left)	Sink	<1.0
03B	Kitchen, Dishwashing area (Left)	Sink	<1.0
04A	Kitchen, Dishwashing Area North	Sink	<1.0
04B	Kitchen Dishwashing Area North	Sink	1.4
05	Kitchen Ice Machine	Ice Machine	5.6
06A	Kitchen, Pot Filler	Sink	<1.0
06B	Kitchen, Pot Filler	Sink	<1.0
07A	Kitchen, Center Island	Sink	1.0
07B	Kitchen, Center Island	Sink	<1.0
08A	By room 130 (Right)	Fountain	<1.0
08B	By room 130 (Right)	Fountain	<1.0
09A	By room 130 (Left)	Fountain	<1.0
09B	By room 130 (Left)	Fountain	<1.0
10A	By room 132 (Right)	Fountain	<1.0
10B	By room 132 (Right)	Fountain	<1.0
11A	By room 132 (Left)	Fountain	<1.0
11B	By room 132 (Left)	Fountain	<1.0
12A	By room 138	Fountain	2.2
12B	By room 138	Fountain	2.2
13A	Room 136 (Right)	Sink	<1.0
13B	Room 136 (Right)	Sink	<1.0
14A	Room 136 (Left)	Sink	<1.0
14B	Room 136 (Left)	Sink	<1.0
15A	By Room 152 Right Set (Right)	Fountain	<1.0
15B	By Room 152 Right Set (Right)	Fountain	<1.0
16A	By Room 152 Right Set (Left)	Fountain	<1.0
16B	By Room 152 Right Set (Left)	Fountain	<1.0
17A	By Room 152 Left Set (Right)	Fountain	<1.0
17B	By Room 152 Left Set (Right)	Fountain	<1.0
18A	By Room 152 Left Set (Left)	Fountain	<1.0
18B	By Room 152 Left Set (Left)	Fountain	<1.0

Samp	ole ID Location	Water Source	Results (ppb)
19A	Multi-Purpose Boys locker room (Right)	Fountain	1.9
19B	Multi-Purpose Boys locker room (Right)	Fountain	1.4
20A	Multi-Purpose Boys locker room (Left)	Fountain	1.4
20B	Multi-Purpose Boys locker room (Left)	Fountain	2.6
21A	Multi-Purpose Girls locker room (Right)	Fountain	5.0
21B	Multi-Purpose Girls locker room (Right)	Fountain	6.0
22A	Multi-Purpose Girls locker room (left)	Fountain	<u>5.9</u>
22B	Multi-Purpose Girls locker room (left)	Fountain	6.0
23A	By Room 128 (Right)	Fountain	<1.0
23B	By Room 128 (Right)	Fountain	<1.0
24A	By Room 128 (Left)	Fountain	<1.0
24B	By Room 128 (Left)	Fountain	<1.0
25A	Faculty Lounge 126	Sink	4.3
25B	Faculty Lounge 126	Sink	2.9
26A	Room 127	Sink	6.2
26B	Room 127	Sink	<1.0
27A	Main Office Room 302	Sink	1.9
27B	Main Office Room 302	Sink	<1.0
28A	By Room 102 (Right)	Fountain	1.1
28B	By Room 102 (Right)	Fountain	<1.0
29A	By Room 102 (Left)	Fountain	<1.0
29B	By Room 102 (Left)	Fountain	<1.0
30A	By Room 111 (Right)	Fountain	1.9
30B	By Room 111 (Right)	Fountain	1.6
31A	By Room 111 (Left)	Fountain	2.2
31B	By Room 111 (Left)	Fountain	2.0
32A	Nurses Office Room 112	Sink	6.5
32B	Nurses Office Room 112	Sink	1.6
33A	By Room 202 (Right)	Fountain	<1.0
33B	By Room 202 (Right)	Fountain	<1.0
34A	By Room 202 (Left)	Fountain	<1.0
34B	By Room 202 (Left)	Fountain	<1.0
35A	By Room 207 (Right)	Fountain	1.7
35B	By Room 207 (Right)	Fountain	1.4
36A	By Room 207 (Left)	Fountain	2.1
36B	By Room 207 (Left)	Fountain	1.9
37A	Kitchen – Northeast Wall	Sink	<1.0
37B	Kitchen – Northeast Wall	Sink	<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.

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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

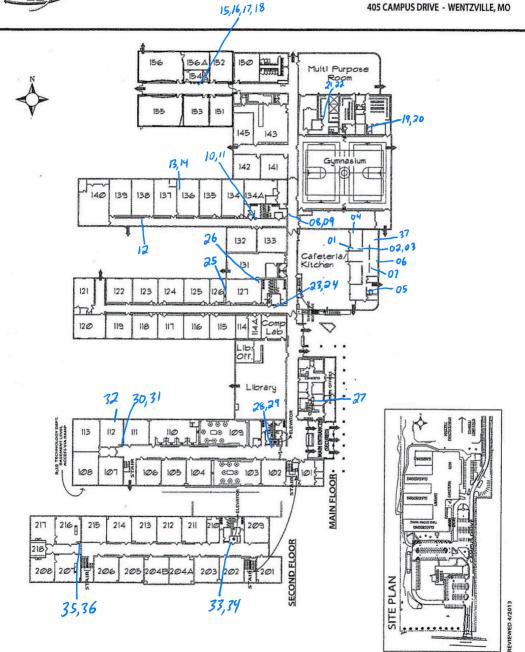
"A" = First Draw

"B" = Second Draw



WENTZVILLE MIDDLE SCHOOL

405 CAMPUS DRIVE - WENTZVILLE, MO



APPENDIX B LABORATORY ANALYSIS



October 27, 2023

Jim Yasitis
Environmental Consultants, LLC
#6 Meadow Heights Professional Park
Collinsville, IL 62234

TEL: (618) 343-3590 FAX: (618) 343-3597

TNI TNI TNI TNI TNI

WorkOrder: 23101289

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

RE: Wentzville SD Water Sampling 231000104 - Middle

Sc

Dear Jim Yasitis:

TEKLAB, INC received 73 samples on 10/17/2023 11:19:00 AM for the analysis presented in the following report.

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

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

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

Sincerely,

Marvin L. Darling Project Manager

(618)344-1004 ex 41

mdarling@teklabinc.com

Mowin L. Darling I



Report Contents

http://www.teklabinc.com/

Client: Environmental Consultants, LLC Work Order: 23101289

Client Project: Wentzville SD Water Sampling 231000104 - Middle Sc Report Date: 27-Oct-23

This reporting package includes the following:

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Receiving Check List	9
Chain of Custody	Appended



Definitions

http://www.teklabinc.com/

Client: Environmental Consultants, LLC Work Order: 23101289

Client Project: Wentzville SD Water Sampling 231000104 - Middle Sc Report Date: 27-Oct-23

Abbr Definition

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



Definitions

http://www.teklabinc.com/

Client: Environmental Consultants, LLC Work Order: 23101289

Client Project: Wentzville SD Water Sampling 231000104 - Middle Sc Report Date: 27-Oct-23

Qualifiers

- # Unknown hydrocarbon
- C RL shown is a Client Requested Quantitation Limit
- H Holding times exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
 - S Spike Recovery outside recovery limits
 - X Value exceeds Maximum Contaminant Level

- B Analyte detected in associated Method Blank
- E Value above quantitation range
- I Associated internal standard was outside method criteria
- M Manual Integration used to determine area response
- R RPD outside accepted recovery limits
- T TIC(Tentatively identified compound)



Case Narrative

http://www.teklabinc.com/

Client: Environmental Consultants, LLC Work Order: 23101289

Client Project: Wentzville SD Water Sampling 231000104 - Middle Sc Report Date: 27-Oct-23

Cooler Receipt Temp: N/A °C

Locations

	Collinsville		Springfield	Kansas City						
Address	5445 Horseshoe Lake Road	Address	3920 Pintail Dr	Address	8421 Nieman Road					
	Collinsville, IL 62234-7425		Springfield, IL 62711-9415		Lenexa, KS 66214					
Phone	(618) 344-1004	Phone	(217) 698-1004	Phone	(913) 541-1998					
Fax	(618) 344-1005	Fax	(217) 698-1005	Fax	(913) 541-1998					
Email	jhriley@teklabinc.com	Email	KKlostermann@teklabinc.com	Email	jhriley@teklabinc.com					
	Collinsville Air		Chicago							
Address	5445 Horseshoe Lake Road	Address	1319 Butterfield Rd.							
	Collinsville, IL 62234-7425		Downers Grove, IL 60515							
Phone	(618) 344-1004	Phone	(630) 324-6855							
Fax	(618) 344-1005	Fax								
Email	EHurley@teklabinc.com	Email	arenner@teklabinc.com							



Accreditations

http://www.teklabinc.com/

Client: Environmental Consultants, LLC Work Order: 23101289

Client Project: Wentzville SD Water Sampling 231000104 - Middle Sc Report Date: 27-Oct-23

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



Laboratory Results

http://www.teklabinc.com/

Client: Environmental Consultants, LLC Work Order: 23101289

Client Project: Wentzville SD Water Sampling 231000104 - Middle Sc Report Date: 27-Oct-23

Matrix: DRINKING WATER

	: DRINKING WAT	Certification Qual	RL	Result	Units	DF	Date Analyzed	Data Callacted
	-		KL	Result	Ullits	DF	Date Allalyzeu	Date Collected
·	200.8 R5.4, META	LS BY ICPMS (TOTAL)						
Lead								
23101289-001A	01A	NELAP	1.0	1.8	μg/L	1	10/19/2023 14:23	10/17/2023 4:00
23101289-002A	01B	NELAP	1.0	1.3	μg/L	1	10/19/2023 14:26	10/17/2023 4:00
23101289-003A	02A	NELAP	1.0	< 1.0	μg/L	1	10/19/2023 14:41	10/17/2023 4:00
23101289-004A	02B	NELAP	1.0	< 1.0	μg/L	1	10/19/2023 14:52	10/17/2023 4:00
23101289-005A	03A	NELAP	1.0	< 1.0	μg/L	1	10/19/2023 14:56	10/17/2023 4:00
23101289-006A	03B	NELAP	1.0	< 1.0	μg/L	1	10/20/2023 9:31	10/17/2023 4:00
23101289-007A	04A	NELAP	1.0	< 1.0	μg/L	1	10/20/2023 9:56	10/17/2023 4:00
23101289-008A	04B	NELAP	1.0	1.4	μg/L	1	10/20/2023 8:43	10/17/2023 4:00
23101289-009A	05	NELAP	1.0	5.6	μg/L	5	10/20/2023 11:48	10/17/2023 4:00
23101289-010A	06A	NELAP	1.0	< 1.0	μg/L	1	10/20/2023 8:47	10/17/2023 4:00
23101289-011A	06B	NELAP	1.0	< 1.0	μg/L	1	10/20/2023 9:36	10/17/2023 4:00
23101289-012A	07A	NELAP	1.0	1.0	μg/L	1	10/19/2023 18:14	10/17/2023 4:00
23101289-013A	07B	NELAP	1.0	< 1.0	μg/L	1	10/20/2023 9:41	10/17/2023 4:00
23101289-014A	08A	NELAP	1.0	< 1.0	μg/L	1	10/20/2023 9:46	10/17/2023 4:00
23101289-015A	08B	NELAP	1.0	< 1.0	μg/L	1	10/20/2023 13:15	10/17/2023 4:00
23101289-016A	09A	NELAP	1.0	< 1.0	μg/L	1	10/19/2023 12:25	10/17/2023 4:00
23101289-017A	09B	NELAP	1.0	< 1.0	μg/L	1	10/19/2023 12:29	10/17/2023 4:00
23101289-018A	10A	NELAP	1.0	< 1.0	μg/L	1	10/19/2023 12:33	10/17/2023 4:00
23101289-019A	10B	NELAP	1.0	< 1.0	μg/L	1	10/19/2023 12:36	10/17/2023 4:00
23101289-020A	11A	NELAP	1.0	< 1.0	μg/L	1	10/19/2023 12:40	10/17/2023 4:00
23101289-021A	11B	NELAP	1.0	< 1.0	μg/L	1	10/19/2023 12:44	10/17/2023 4:00
23101289-022A	12A	NELAP	1.0	2.2	μg/L	1	10/19/2023 12:47	10/17/2023 4:00
23101289-023A	12B	NELAP	1.0	2.2	μg/L	1	10/19/2023 12:51	10/17/2023 4:00
23101289-024A	13A	NELAP	1.0	< 1.0	μg/L	1	10/19/2023 13:06	10/17/2023 4:00
23101289-025A	13B	NELAP	1.0	< 1.0	μg/L	1	10/19/2023 13:09	10/17/2023 4:00
23101289-026A	14A	NELAP	1.0	< 1.0	μg/L	1	10/20/2023 9:51	10/17/2023 4:00
23101289-027A	14B	NELAP	1.0	< 1.0	μg/L	1	10/20/2023 11:53	10/17/2023 4:00
23101289-028A	15A	NELAP	1.0	< 1.0	μg/L	1	10/20/2023 11:58	10/17/2023 4:00
23101289-029A	15B	NELAP	1.0	< 1.0	μg/L	1	10/20/2023 12:03	10/17/2023 4:00
23101289-030A	16A	NELAP	1.0	< 1.0	μg/L	1	10/20/2023 12:41	10/17/2023 4:00
23101289-031A	16B	NELAP	1.0	< 1.0	μg/L	1	10/20/2023 12:46	10/17/2023 4:00
23101289-032A	17A	NELAP	1.0	< 1.0	μg/L	1	10/20/2023 12:51	10/17/2023 4:00
23101289-033A	17B	NELAP	1.0	< 1.0	μg/L	1	10/20/2023 14:19	10/17/2023 4:00
23101289-034A	18A	NELAP	1.0	< 1.0	μg/L	1	10/20/2023 12:56	10/17/2023 4:00
23101289-035A	18B	NELAP	1.0	< 1.0	μg/L	1	10/20/2023 13:01	10/17/2023 4:00
23101289-036A	19A	NELAP	1.0	1.9	μg/L	1	10/20/2023 13:05	10/17/2023 4:00
23101289-037A	19B	NELAP	1.0	1.4	μg/L	1	10/20/2023 13:10	10/17/2023 4:00
23101289-038A	20A	NELAP	1.0	1.4	μg/L	1	10/20/2023 13:45	10/17/2023 4:00
23101289-039A	20B	NELAP	1.0	2.6	μg/L	1	10/20/2023 13:49	10/17/2023 4:00
23101289-040A	21A	NELAP	1.0	5.0	μg/L	1	10/20/2023 13:54	10/17/2023 4:00
23101289-041A	21B	NELAP	1.0	6.0	μg/L	1	10/20/2023 14:48	10/17/2023 4:00
23101289-042A	22A	NELAP	1.0	5.9	μg/L	1	10/20/2023 13:59	10/17/2023 4:00
23101289-043A	22B	NELAP	1.0	6.0	μg/L	1	10/20/2023 14:04	10/17/2023 4:00
23101289-044A	23A	NELAP	1.0	< 1.0	μg/L	1	10/20/2023 14:09	10/17/2023 4:00
23101289-045A	23B	NELAP	1.0	< 1.0	μg/L	1	10/20/2023 14:14	10/17/2023 4:00
23101289-046A	24A	NELAP	1.0	< 1.0	μg/L	1	10/27/2023 7:15	10/17/2023 4:00
23101289-047A		NELAP	1.0	< 1.0	μg/L	1	10/25/2023 0:42	10/17/2023 4:00
23101289-048A	25A	NELAP	1.0	4.3	μg/L	1	10/25/2023 0:46	10/17/2023 4:00



Laboratory Results

http://www.teklabinc.com/

Report Date: 27-Oct-23

Client: Environmental Consultants, LLC Work Order: 23101289

 $\textbf{Client Project:} \ \ \text{Wentzville SD Water Sampling 231000104 - Middle Sc}$

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, META	LS BY ICPMS (TOTAL)						
Lead								
23101289-049A	. 25B	NELAP	1.0	2.9	μg/L	1	10/25/2023 0:50	10/17/2023 4:00
23101289-050A	A 26A	NELAP	1.0	6.2	μg/L	1	10/25/2023 0:54	10/17/2023 4:00
23101289-051A	A 26B	NELAP	1.0	< 1.0	μg/L	1	10/25/2023 0:58	10/17/2023 4:00
23101289-052A	27A	NELAP	1.0	1.9	μg/L	1	10/25/2023 1:10	10/17/2023 4:00
23101289-053A	27B	NELAP	1.0	< 1.0	μg/L	1	10/25/2023 1:02	10/17/2023 4:00
23101289-054A	A 28A	NELAP	1.0	1.1	μg/L	1	10/25/2023 1:06	10/17/2023 4:00
23101289-055A	A 28B	NELAP	1.0	< 1.0	μg/L	1	10/25/2023 13:29	10/17/2023 4:00
23101289-056A	A 29A	NELAP	1.0	< 1.0	μg/L	1	10/25/2023 13:44	10/17/2023 4:00
23101289-057A	A 29B	NELAP	1.0	< 1.0	μg/L	1	10/25/2023 13:47	10/17/2023 4:00
23101289-058A	30A	NELAP	1.0	1.9	μg/L	1	10/25/2023 13:51	10/17/2023 4:00
23101289-059A	30B	NELAP	1.0	1.6	μg/L	1	10/25/2023 13:55	10/17/2023 4:00
23101289-060A	31A	NELAP	1.0	2.2	μg/L	1	10/25/2023 13:58	10/17/2023 4:00
23101289-061A	31B	NELAP	1.0	2.0	μg/L	1	10/25/2023 14:02	10/17/2023 4:00
23101289-062A	32A	NELAP	1.0	6.5	μg/L	1	10/25/2023 14:13	10/17/2023 4:00
23101289-063A	32B	NELAP	1.0	1.6	μg/L	1	10/25/2023 14:17	10/17/2023 4:00
23101289-064A	33A	NELAP	1.0	< 1.0	μg/L	1	10/25/2023 14:31	10/17/2023 4:00
23101289-065A	33B	NELAP	1.0	< 1.0	μg/L	1	10/25/2023 14:35	10/17/2023 4:00
23101289-066A	34A	NELAP	1.0	< 1.0	μg/L	1	10/25/2023 14:39	10/17/2023 4:00
23101289-067A	34B	NELAP	1.0	< 1.0	μg/L	1	10/25/2023 14:42	10/17/2023 4:00
23101289-068A	35A	NELAP	1.0	1.7	μg/L	1	10/25/2023 14:46	10/17/2023 4:00
23101289-069A	35B	NELAP	1.0	1.4	μg/L	1	10/25/2023 14:50	10/17/2023 4:00
23101289-070A	36A	NELAP	1.0	2.1	μg/L	1	10/25/2023 15:01	10/17/2023 4:00
23101289-071A	36B	NELAP	1.0	1.9	μg/L	1	10/25/2023 3:19	10/17/2023 4:00
23101289-072A	37A	NELAP	1.0	< 1.0	μg/L	1	10/25/2023 3:23	10/17/2023 4:00
23101289-073A	37B	NELAP	1.0	< 1.0	μg/L	1	10/25/2023 3:27	10/17/2023 4:00



Receiving Check List

http://www.teklabinc.com/

Work Order: 23101289 Client: Environmental Consultants, LLC Client Project: Wentzville SD Water Sampling 231000104 - Middle Sc Report Date: 27-Oct-23 Carrier: Devon Rathbun Received By: HAW Completed by: Reviewed by: mbor Ollacuc On: On: 18-Oct-23 18-Oct-23 Amber Dilallo Ellie Hopkins Extra pages included Pages to follow: Chain of custody 3 Shipping container/cooler in good condition? Yes **✓** No 🗔 Not Present Temp °C N/A Type of thermal preservation? **~** Ice _ Blue Ice None Dry Ice Chain of custody present? **~** No L Yes Chain of custody signed when relinquished and received? **~** Yes No L **V** Chain of custody agrees with sample labels? No 🗀 Yes **~** Samples in proper container/bottle? Yes No 🗀 **V** Sample containers intact? Yes No Yes **~** No Sufficient sample volume for indicated test? **~** No \square All samples received within holding time? Yes NA 🗸 Field Lab 🗌 Reported field parameters measured: Yes 🗸 No 🗌 Container/Temp Blank temperature in compliance? When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected. Water - at least one vial per sample has zero headspace? Yes 🗌 No 🗀 No VOA vials 🗸 No TOX containers Water - TOX containers have zero headspace? Yes No 🗌 Yes 🗹 No 🗌 Water - pH acceptable upon receipt? NA 🗸 NPDES/CWA TCN interferences checked/treated in the field? Yes No \square

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory. - amberdilallo - 10/18/2023 1:22:33 PM

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

CHAIN OF CUSTODY pg. 1 of 8 Work Order #23/0/289

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 244-1005 Samples on: 🗆 Ice 🗵 Blue Ice 🗡 No Ice 🔝 🔼 🤫 J.S. Hold Client: Address: 6 Meadow Heights Prof Park
City | State | Zip: Collinsville, IL 62234 Rieserved in: II Lab II Field FOR LAB USE ONLY Lab Notes: Contact: Jim Yasitis Phone: 618-343-3590 E-Mail: james. yasitis@jsheld.com Fax: 618-343-3597 Commanis: Wen+ZVIIE Middle SChool · Are these samples known to be involved in litigation? If yes, a surcharge will apply.

Yes X 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 please refer to grow INDICATE ANALYSIS REQUESTED Sample Collector's Name Project Name / Number MATRIX Westzuille SD Water Sampling Brad Frisch 231000104 Results Requested Billing Instructions # and Type of Containers Standard 1 1-2 Day (100% Surcharge) Date/Time Sampled Date/Time Sampled WeOH Næ1SO ☐ 3 Day (50% Surcharge) Lab Use Only Sample Identification 2301257 OLA 10/17/23 4:00 AM X 202 01B (0/17/23 4:00AM X C21 02 A 10/17/23 4:00 AM X _____62 B 60/17/23 4:00 AM X 63 A 10/17/23 4:00 AM. 63 B 10/17/23 4:00 AM Y 6 9 OY A 10/17/23 4:00AM X 04 B 10/17/23 4:00 AMX Y. 10/12/23 4:00 AM K 05 06 A W/17/23 4:00 AM Relinquished By Date / Time Received By Date / Time 10/17/23 Devon Rathbun 10/17/23

pg. 2 of 8 Work Order # <u>2301289</u>

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (619) 944-1005

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City State Zip: Collinsville, IL 6,2234		200		······			L,	ib H	O.C	5 .														
Contact: Jim Yasitis Phor																								
E-Mail: james. yasitis@jsheld.com Fax:	6/8-7	343-	3597					onor In/r			a i		M	iddle	Sch	WC1								
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pg. 3 of 8 Work Order # 2310/289

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

Address: 6 Meadow Heights Prof Park City State Zip: Collinsville, IL 6,2394 Contact: Jim Asi tis Phone: 6/8-343-3590 E-Mail: james, yasitis@jsheld.com Fax: 6/8-343-3597 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 No Project Name Number Sample Collector's Name MATRIX INDICATE ANALYSIS REQUESTED Read Frisch Read Read Frisch Read Read Re	
Contact: Jim Vasitis Phone: 6/8-343-3590 E-Mail: james. yasitis@jsheld.com Fax: 6/8-343-3597 Are these samples known to be involved in litigation? If yes, a surcharge will apply. 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 Westzuille SD Water Sampling R. I. C. I.	
E-Mail: james, yasitis@jsheld.com Fax: 6/8-391-3597 Are these samples known to be involved in litigation? If yes, a surcharge will apply. The Note of the season of the season of the requested analysis? If yes, please provide of the season of the requested analysis? If yes, please provide of the season of the requested analysis? If yes, please provide of the season of the requested analysis? If yes, please provide of the season of the requested analysis? If yes, please provide of the season of the requested analysis? If yes, please provide of the season of the requested analysis? If yes, please provide of the season of the requested analysis? If yes, please provide of the season of the requested analysis? If yes, please provide of the season of the	
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pg. 4 of 8 Work Order # 23101239

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

Samples on: 🗆 ice 🗀 Bius ice 🗀 No ice

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J.S. Held

Client:

pg. <u>5</u> of <u>8</u> Work Order # <u>23101289</u>

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

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E-Mail: <u>James</u>	.yasitis@jsheld.con	, Fax:	618-	343-	359	7				DIB L	mer Ma	iis: 4>	vu	p	M	HH	Si	LOC									
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pg. <u>6</u> of <u>8</u> Work Order # <u>23101289</u>

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

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Contact: Jim Kasitis												-1						
E-Mail: james. yasitis@jsheld.co		mani <i>Pn</i> 4		, ,	lidae	$\mathcal{L}_{m{k}}$	e01											
Are these samples known to be involved in life Are these samples known to be hazardous? Are there any required reporting limits to be limits in comment section.					, ppb.													
Project Name / Number Wentzuille SD Water Sampling	Sample C	collector's	s Name			MATR	KIX .		-3	INDICA	ITE AN	IAL YSIS	YSIS REQUESTED					
231000104 Sampling	Brad Fris	ch				, (e),			rymule manufic	Application of the Control of the Co			· economic of					
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Standard □ 1-2 Day (100% Surcharge) Other□ 3 Day (50% Surcharge) Lab Use Only Sample Identification		NES O3	z ő	HO S	ther Water	Drinking Water	Sludge	Wess	A TOTAL CONTRACTOR	Anna de la					Approximation of the second			
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pg. <u>7</u> of <u>8</u> Work Order # <u>23/0/289</u>

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

Client: J.S. Held									interior	nes	on.		lo	. D	Biu	ico	П	No	Ica				or.			
Address: 6 Meadow Heig	hts Prof P	ark							res	erve	d in	. C	I Li	Ó	II.	icid		E)RL	481	USE	<u>onl</u>	¥			
City State Zip: Collinsville, IL &	(2234								.ab i	Vole	96:															
Contact: Jim Yasitis	Phone	618-	343-	35	90																					
E-Mail: james. yasitis@jsheld.com Fax: 618-343-3597										nici Cet	15. Ž <i>V</i>	ue	1	۷J.J.	W.	501	e0	(
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pg. 8 of 8 Work Order # 23101289

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 341.1001 ~ Fax: (619) 944-1005

Client:	J.S. Held			, <u>.</u>				_				27.32	34. D					M		7. 30. 33								
Address: 6 Meadow Heights Prof Park										ři	ese	rus	Ġ i¥	ı. K	1 L	ab		Fiel	1	E)R.L	AR U	ISE (OME	7			
City / State / Zip:	Collinsville, IL 6	2234								L	alo N	0(0	\$,															
Contact: Jim	Yasitis .	Phone	: 618-	343	- 33	590																						
E-Mail: james.	.yasitis@jsheld.com	nFax:	618-	343	-35	77						ve	is: Mt2	ZV.	læ	N	lidd	ø	54	-cc1								
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TABLE 1

Drinking Water Sampling for Lead Content Wentzville R-IV School District Wentzville Middle School

Sampled: October 17, 2023

Samp	ole ID Location	Water Source	Results (ppb)
01A	Kitchen, Dishwasher area (Right)	Sink	
01B	Kitchen, Dishwasher area (Right)	Sink	
02A	Kitchen, Dishwasher area (Middle)	Sink	
02B	Kitchen, Dishwashing area (Middle)	Sink	
03A	Kitchen, Dishwashing area (Left)	Sink	
03B	Kitchen, Dishwashing area (Left)	Sink	
04A	Kitchen, Dishwashing Area North	Sink	
04B	Kitchen Dishwashing Area North	Sink	
05	Kitchen Ice Machine	Ice Machine	
06A	Kitchen, Pot Filler	Sink	
06B	Kitchen, Pot Filler	Sink	
07A	Kitchen, Center Island	Sink	
07B	Kitchen, Center Island	Sink	
08A	By room 130 (Right)	Fountain	
08B	By room 130 (Right)	Fountain	
09A	By room 130 (Left)	Fountain	
09B	By room 130 (Left)	Fountain	
10A	By room 132 (Right)	Fountain	
10B	By room 132 (Right)	Fountain	
11A	By room 132 (Left)	Fountain	
11B	By room 132 (Left)	Fountain	
12A	By room 138	Fountain	
12B	By room 138	Fountain	
13A	Room 136 (Right)	Sink	
13B	Room 136 (Right)	Sink	
14A	Room 136 (Left)	Sink	
14B	Room 136 (Left)	Sink	
15A	By Room 152 Right Set (Right)	Fountain	
15B	By Room 152 Right Set (Right)	Fountain	
16A	By Room 152 Right Set (Left)	Fountain	
16B	By Room 152 Right Set (Left)	Fountain	
17A	By Room 152 Left Set (Right)	Fountain	
17B	By Room 152 Left Set (Right)	Fountain	
18A	By Room 152 Left Set (Left)	Fountain	
18B	By Room 152 Left Set (Left)	Fountain	

Samp	le ID Location	Water Source	Results (ppb)
19A	Multi-Purpose Boys locker room (Right)	Fountain	
19B	Multi-Purpose Boys locker room (Right)	Fountain	
20A	Multi-Purpose Boys locker room (Left)	Fountain	
20B	Multi-Purpose Boys locker room (Left)	Fountain	
21A	Multi-Purpose Girls locker room (Right)	Fountain	
21B	Multi-Purpose Girls locker room (Right)	Fountain	
22A	Multi-Purpose Girls locker room (left)	Fountain	
22B	Multi-Purpose Girls locker room (left)	Fountain	
23A	By Room 128 (Right)	Fountain	
23B	By Room 128 (Right)	Fountain	
24A	By Room 128 (Left)	Fountain	
24B	By Room 128 (Left)	Fountain	
25A	Faculty Lounge 126	Sink	
25B	Faculty Lounge 126	Sink	
26A	Room 127	Sink	
26B	Room 127	Sink	
27A	Main Office Room 302	Sink	
27B	Main Office Room 302	Sink	
28A	By Room 102 (Right)	Fountain	
28B	By Room 102 (Right)	Fountain	
29A	By Room 102 (Left)	Fountain	
29B	By Room 102 (Left)	Fountain	
30A	By Room 111 (Right)	Fountain	
30B	By Room 111 (Right)	Fountain	
31A	By Room 111 (Left)	Fountain	
31B	By Room 111 (Left)	Fountain	
32A	Nurses Office Room 112	Sink	
32B	Nurses Office Room 112	Sink	
33A	By Room 202 (Right)	Fountain	
33B	By Room 202 (Right)	Fountain	
34A	By Room 202 (Left)	Fountain	
34B	By Room 202 (Left)	Fountain	
35A	By Room 207 (Right)	Fountain	
35B	By Room 207 (Right)	Fountain	
36A	By Room 207 (Left)	Fountain	
36B	By Room 207 (Left)	Fountain	
37A	Kitchen - Northeast Wall	Sink	
37B	Kitchen - Northeast Wall	Sink	



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



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



Daves J. Nichelson

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

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

PUBLIC HEALTH & SOCIAL JUSTICE

SAINT LOUIS UNIVERSITY

CENTER FOR ENVIRONMENTAL EDUCATION AND TRAINING

verifies that

Brad Frisch

2668 Kettering Court, Saint Charles, MO 63303

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

Lead Risk Assessor Refresher

St. Louis, MO

Certificate # CEET 325 - 3/7/2022 - 117395

Christopher C. Kinc

Director, Center for Environmental Education and Training

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 slu.edu/x39753.xml This training course has been accredited by the Illinois Department of Public Health, and by the Missouri Department of Health & Senior Services.

State of Missouri Department of Natural Resources

Certificate of Approval for Chemical Laboratory Service

This is to certify that

Teklab, Incorporated

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

Certification Number	930	Godflood
Date Issued	December 13, 2021	Laboratory Ced frication Authority, Public Drinking Water Branch Missouri Department of Natural Resources
Expiration Date	January 31, 2025	Rola Virel
		Laboratory Certification Officer, Environmental Services Program

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

MillicRose

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	п
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 II
Thallium	IL II
Tin Titanium	IL IL
Vanadium	IL IL
Zinc	IL
	IL
Method EPA 200.8 Rev: 5.4	
Aluminum	IL

Certificate No.: 1002262023-17	Primary AB
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
	12
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
	12
Method EPA 420.1	п
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
Araclar-1242 (PCB-1242)	II

IL

Aroclor-1242 (PCB-1242)

Primary AB Certificate No.: 1002262023-17 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 IL Endosulfan I Endosulfan II IL Endosulfan sulfate IL Endrin IL Endrin aldehyde IL gamma-BHC (Lindane, gamma-Hexachlorocyclohexane) IL Heptachlor IL Heptachlor epoxide IL Methoxychlor IL IL Toxaphene (Chlorinated camphene) 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 IL Bromoform IL Carbon tetrachloride 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

Primary AB Certificate No.: 1002262023-17 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 IL Vinyl chloride IL Xylene (total) 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 IL 2,4-Dichlorophenol IL 2,4-Dimethylphenol 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 IL 4-Bromophenyl phenyl ether IL 4-Chloro-3-methylphenol 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 IL Benzo(g,h,i)perylene IL Benzo(k)fluoranthene bis(2-Chloroethoxy)methane IL bis(2-Chloroethyl) ether IL bis(2-Ethylhexyl) phthalate (DEHP) IL Butyl benzyl phthalate IL Carbazole IL Chrysene IL IL Dibenz(a,h) anthracene Diethyl phthalate IL Dimethyl phthalate IL IL Di-n-butyl phthalate Di-n-octyl phthalate IL Fluoranthene ILFluorene IL Hexachlorobenzene IL Hexachlorobutadiene IL IL Hexachlorocyclopentadiene Hexachloroethane IL

Certificate No.: 1002262023-17	Primary AB
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 Phenanthrene	IL IL
Phenol	IL IL
Pyrene	IL
Pyridine	IL
Method OIA 1677-09	
Available Cyanide	IL
Method SM 2120 B-2011	
Color	IL
Method SM 2130 B-2011	1 <u>L</u>
Turbidity	IL
·	IL.
Method SM 2310 B-2011	IL
Acidity, as CaCO3	IL
Method SM 2320 B-2011	
Alkalinity as CaCO3	IL
Method SM 2340 B-1997	
Hardness	IL
Method SM 2510 B-2011	
Conductivity	IL
Method SM 2540 B-2011	
Residue-total	IL
Method SM 2540 C-2011	
Residue-filterable (TDS)	IL
Method SM 2540 D-2011	
Residue-nonfilterable (TSS)	IL
Method SM 2540 E-2011	
Residue-volatile	IL
Method SM 2540 F-2011	
Residue-settleable	IL
Method SM 3500-Cr B-2011	
Chromium VI	IL
Method SM 4500-CI G-2011	
Total residual chlorine	IL
Method SM 4500-CI C-1997	
Chloride	IL
Method SM 4500-Cl C-2011	
Chloride	IL
Method SM 4500-Cl E-2000	· -
Chloride	IL
	12
Method SM 4500-CI E-2011	

Certificate No.: 1002262023-17	Primary AB
Field of Testing /Matrix: CWA (Non Potable Water) Chloride	IL
Method SM 4500-F C-2011 Fluoride	IL
Method SM 4500-H+ B-2011 pH	IL
Method SM 4500-NH3 G-2011 Ammonia	IL
Method SM 4500-NO2 B-2011 Nitrite	IL
Method SM 4500-NO3 F-2000 Nitrate plus Nitrite as N	IL
Method SM 4500-O G-2001 Oxygen, dissolved	IL
Method SM 4500-P E-2011 Orthophosphate as P	IL
Method SM 4500-S2 D-2011 Sulfide	IL
Method SM 4500-SO3 B-2011 Sulfite-SO3	IL
Method SM 5210 B-2011 Biochemical oxygen demand Carbonaceous BOD, CBOD	IL 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	
	Ш
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	
	Ш
4,4'-DDD 4,4'-DDE	IL II
4,4'-DDE 4,4'-DDT	IL 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

Primary AB Certificate No.: 1002262023-17 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 IL Acrylonitrile Benzene IL Bromodichloromethane IL Bromoform IL Carbon tetrachloride IL Chlorobenzene IL Chlorodibromomethane IL Chloroethane (Ethyl chloride) IL Chloroform IL IL cis-1,3-Dichloropropene IL Ethylbenzene Methyl bromide (Bromomethane) IL Methyl chloride (Chloromethane) IL Methyl tert-butyl ether (MTBE) IL Methylene chloride (Dichloromethane) IL Tetrachloroethylene (Perchloroethylene) IL Toluene IL IL trans-1,2-Dichloroethylene 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 IL 3,3'-Dichlorobenzidine 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 IL Benzo(a)pyrene Benzo(b)fluoranthene IL

Certificate No.: 1002262023-17	Primary AB
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 Phenol	IL
	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-CI C-1997	
Chloride	IL
Method SM 4500-Cl C-2011	16
	11
Chloride	IL
Method SM 4500-CI 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
Οι πορποσμιαί ο ασ τ	114

Certificate No.: 1002262023-17 Primary AB

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

Method SM 4500-SO3 B-2000

Sulfite-SO3

Certificate No.: 1002262023-17

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Field of Testing /Matrix: RCRA (Non Potable Water)	
Method EPA 1010A	
Ignitability	IL
Method EPA 1020B	
Ignitability	IL
Method EPA 1311 Rev: 0	
Toxicity Characteristic Leaching Procedure (TCLP)	IL
Method EPA 1312 Rev: 0	
Synthetic Precipitation Leaching Procedure (SPLP)	IL
Method EPA 6010B Rev: 2	"L
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 IL
Molybdenum Nickel	IL 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 Bondlium	IL II
Beryllium Boron	IL IL
Boron Cadmium	IL IL
Calcium	IL
Chromium	IL
Cobalt	IL
Copper	IL
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Primary AB Certificate No.: 1002262023-17 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 IL Zinc Method EPA 7196A Rev: 1 Chromium VI IL Method EPA 7470A Rev: 1 Mercury IL Method EPA 8015B Rev: 2 IL Diesel range organics (DRO) Ethanol IL Ethylene glycol IL Isobutyl alcohol (2-Methyl-1-propanol) IL Isopropyl alcohol (2-Propanol, Isopropanol) IL IL Methanol n-Butyl alcohol (1-Butanol, n-Butanol) IL n-Propanol (1-Propanol) IL IL tert-Butyl alcohol Method EPA 8081B 4,4'-DDD IL 4,4'-DDE IL 4,4'-DDT IL Alachlor IL Aldrin IL IL alpha-BHC (alpha-Hexachlorocyclohexane) alpha-Chlordane, cis-Chlordane IL beta-BHC (beta-Hexachlorocyclohexane) IL Chlordane (tech.)(N.O.S.) IL delta-BHC IL Dieldrin IL Endosulfan I IL Endosulfan II IL Endosulfan sulfate IL **Endrin** IL Endrin aldehyde IL Endrin ketone IL gamma-BHC (Lindane, gamma-Hexachlorocyclohexane) IL gamma-Chlordane IL Heptachlor IL Heptachlor epoxide IL Methoxychlor IL Toxaphene (Chlorinated camphene) IL

Field of Testing /Matrix: RCRA (Non Potable Water)	
Method EPA 8082 Rev: 0	
Aroclor-1016 (PCB-1016)	IL
Aroclor-1221 (PCB-1221)	IL
Aroclor-1232 (PCB-1232)	IL
Aroclor-1242 (PCB-1242)	IL
Aroclor-1248 (PCB-1248)	IL
Aroclor-1254 (PCB-1254)	IL
Aroclor-1260 (PCB-1260)	IL
Method EPA 8151A	
2,4,5-T	IL
2,4-D	IL
2,4-DB	IL
3,5-Dichlorobenzoic acid	IL
4-Nitrophenol	IL
Acifluorfen	IL
Bentazon	IL
Chloramben	IL
Dalapon	IL
DCPA di acid degradate	IL
Dicamba	IL
Dichloroprop (Dichlorprop)	IL
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	IL
MCPA	IL 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

ld 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	ïL
Bromodichloromethane	ĪL
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

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Certificate 140 1002202011	
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
	IL
Trichloroethene (Trichloroethylene)	IL
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	IL
	IL
·	IL
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Method EPA 8270C Rev: 3	
	IL
	IL
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	IL
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4-Chloroaniline	IL

Primary AB Certificate No.: 1002262023-17 RCRA (Non Potable Water) Field of Testing /Matrix: 4-Chlorophenyl phenylether IL 4-Dimethyl aminoazobenzene IL 4-Methylphenol (p-Cresol) IL 4-Nitroaniline IL 4-Nitrophenol IL 5-Nitro-o-toluidine IL IL 7,12-Dimethylbenz(a) anthracene IL Acenaphthene Acenaphthylene IL IL Acetophenone Aniline IL Anthracene IL Benzidine IL Benzo(a)anthracene IL IL Benzo(a)pyrene Benzo(b)fluoranthene IL IL Benzo(g,h,i)perylene IL Benzo(k)fluoranthene 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 IL Diallate Dibenz(a,h) anthracene IL Dibenzofuran IL Diethyl phthalate IL IL Dimethoate IL Dimethyl phthalate 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

Certificate No.: 1002262023-17	Primary AB
Field of Testing /Matrix: RCRA (Non Potable Water)	
n-Nitrosodiethylamine	IL
n-Nitrosodimethylamine	IL
n-Nitroso-di-n-butylamine	IL
n-Nitrosodi-n-propylamine	IL
n-Nitrosodiphenylamine	IL
n-Nitrosomethylethylamine	IL
n-Nitrosopiperidine	IL
n-Nitrosopyrrolidine	IL
o,o,o-Triethyl phosphorothioate	IL
Parathion	IL
Pentachlorobenzene	IL
Pentachloronitrobenzene	IL
Pentachlorophenol	IL
Phenanthrene	IL
Phenol	IL
Pronamide (Kerb)	IL
Pyrene	IL
Pyridine	IL
Safrole	IL
Method EPA 8270C Mod LVI	
Acetochlor	IL
Alachlor	IL
Atrazine	IL
Butylate	IL
Cyanazine	IL
EPTC (Eptam, s-ethyl-dipropyl thio carbamate)	IL
Metolachlor	IL
Metribuzin	IL
Pendimethalin (Penoxalin)	IL
Simazine	IL
Trifluralin (Treflan)	IL
Method EPA 9012A Rev: 1	
Cyanide	IL
Method EPA 9014 Rev: 0	
Cyanide	IL
Method EPA 9020B Rev: 2	
Total organic halides (TOX)	IL
	IL.
Method EPA 9023 Rev: 0	
Extractable organics halides (EOX)	IL
Method EPA 9036 Rev: 0	
Sulfate	IL
Method EPA 9040B Rev: 2	
pH	IL
Method EPA 9050A Rev: 1	
Conductivity	IL
Method EPA 9060A	
	п
Total organic carbon	IL
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

Certificate No.: 1002262023-17

Certificate No.: 1002262023-17	
Field of Testing /Matrix: RCRA (Solid & Hazardous Material)	
Method EPA 1010A	
Ignitability	IL
Method EPA 1020B	
Ignitability	IL
Method EPA 1311 Rev: 0	
Toxicity Characteristic Leaching Procedure (TCLP)	IL
Method EPA 1312 Rev: 0	12
Synthetic Precipitation Leaching Procedure (SPLP)	IL
	IL
Method EPA 6010B Rev: 2 Aluminum	IL
Antimony	IL
Arsenic	IL
Barium	IL
Beryllium	IL
Boron	IL
Cadmium	IL
Calcium	IL
Chromium	IL
Cobalt	IL
Copper	IL
Iron	IL
Lead	IL
Lithium	IL
Magnesium	IL "
Manganese	IL IL
Molybdenum 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 Barilium	IL IL
Beryllium Boron	IL IL
Cadmium	IL
Chromium	IL
Cobalt	IL
Copper	IL
Iron	IL

Primary AB Certificate No.: 1002262023-17 RCRA (Solid & Hazardous Material) Field of Testing /Matrix: Lead IL Magnesium IL IL Manganese Molybdenum IL Nickel IL IL Potassium Selenium IL Silver IL Sodium IL **Thallium** IL Vanadium IL Zinc IL Method EPA 7196A Rev: 1 IL Chromium VI Method EPA 7471B Mercury IL Method EPA 8015B Rev: 2 Diesel range organics (DRO) IL IL Ethanol Ethylene glycol IL Isobutyl alcohol (2-Methyl-1-propanol) IL Isopropyl alcohol (2-Propanol, Isopropanol) IL Methanol IL IL n-Butyl alcohol (1-Butanol, n-Butanol) 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 IL Endrin aldehyde IL Endrin ketone gamma-BHC (Lindane, gamma-Hexachlorocyclohexane) IL gamma-Chlordane IL Heptachlor IL Heptachlor epoxide IL IL Methoxychlor Toxaphene (Chlorinated camphene) IL

Primary AB Certificate No.: 1002262023-17 RCRA (Solid & Hazardous Material) Field of Testing /Matrix: 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 IL 4-Nitrophenol IL Acifluorfen IL Bentazon Chloramben IL Dalapon IL DCPA di acid degradate IL Dicamba IL Dichloroprop (Dichlorprop) IL Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP) IL **MCPA** IL **MCPP** IL IL Pentachlorophenol Picloram IL Silvex (2,4,5-TP) IL Method EPA 8260B 1,1,1,2-Tetrachloroethane IL IL 1,1,1-Trichloroethane IL 1,1,2,2-Tetrachloroethane 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 IL 1,2,3-Trichlorobenzene 1,2,3-Trichloropropane IL 1,2,4-Trichlorobenzene IL IL 1,2,4-Trimethylbenzene 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 IL 1,3-Dichlorobenzene 1,3-Dichloropropane IL 1,4-Dichlorobenzene IL 1-Chlorobutane IL 2,2-Dichloropropane IL 2-Butanone (Methyl ethyl ketone, MEK) IL

Certificate No.: 1002262023-17 Primary AB

ld 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	L
Bromodichloromethane	L "
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
lodomethane (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 IL

Primary AB Certificate No.: 1002262023-17 RCRA (Solid & Hazardous Material) Field of Testing /Matrix: Propionitrile (Ethyl cyanide) IL p-Xylene IL sec-Butylbenzene IL Styrene IL tert-Butyl alcohol IL tert-Butylbenzene IL IL Tetrachloroethylene (Perchloroethylene) IL Tetrahydrofuran (THF) 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 IL Xylene (total) Method EPA 8270C Rev: 3 1,2,4-Trichlorobenzene IL 1,2-Dichlorobenzene (o-Dichlorobenzene) IL 1,3-Dichlorobenzene IL 1,4-Dichlorobenzene IL IL 1,4-Dioxane (1,4- Diethyleneoxide) 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 IL 2-Methylaniline (o-Toluidine) 2-Methylnaphthalene IL 2-Methylphenol (o-Cresol) IL 2-Nitroaniline IL 2-Nitrophenol IL 3,3'-Dichlorobenzidine IL 3-Methylphenol (m-Cresol) IL IL 3-Nitroaniline IL 4-Bromophenyl phenyl ether 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

Aniline

IL

IL

Primary AB Certificate No.: 1002262023-17 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 IL Benzoic acid IL Benzyl alcohol bis(2-Chloroethoxy)methane IL bis(2-Chloroethyl) ether IL bis(2-Ethylhexyl) phthalate (DEHP) IL Butyl benzyl phthalate IL Carbazole IL Chrysene IL IL Dibenz(a,h) anthracene Dibenzofuran IL IL Diethyl phthalate 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 IL n-Nitrosomethylethylamine 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 IL Pendimethalin (Penoxalin)

Simazine

IL

Certificate No.: 1002262023-17	Primary AB
Field of Testing /Matrix: RCRA (Solid & Hazardous Material) Trifluralin (Treflan)	IL
Method EPA 9012A Rev: 1 Cyanide	IL
Method EPA 9014 Rev: 0 Cyanide	IL
Method EPA 9020B Rev: 2 Total organic halides (TOX)	IL
Method EPA 9023 Rev: 0 Extractable organics halides (EOX)	IL
Method EPA 9034 Rev: 0 Sulfide	IL
Method EPA 9036 Rev: 0 Sulfate	IL
Method EPA 9045C Rev: 3 pH	IL
Method EPA 9060A Total organic carbon	IL
Method EPA 9065 Rev: 0 Total phenolics	IL
Method EPA 9214 Rev: 0 Fluoride	IL

Field of Testing /Matrix: SDWA (Potable Water)	
Method EPA 180.1 Rev: 2	
Turbidity	IL
Method EPA 200.7 Rev: 4.4	
Aluminum	IL
Barium	IL
Beryllium	IL
Boron	IL
Cadmium	IL
Calcium	IL
Chromium	IL
Copper	IL
Iron	IL
Magnesium	IL
Manganese	IL
Molybdenum	IL
Nickel	IL
Potassium	IL
Silver	IL
Sodium	IL
Vanadium	IL
Zinc	IL
Method EPA 200.8 Rev: 5.4	
Antimony	IL
Arsenic	IL
Barium	IL
Beryllium	IL
Cadmium	IL
Chromium	IL
Copper	IL
Lead	IL
Manganese	IL
Molybdenum	IL
Nickel	IL
Selenium	IL "
Silver	IL "
Thallium	IL "
Zinc	IL
Method EPA 245.1 Rev: 3	
Mercury	IL
Method EPA 335.4 Rev: 1	
Cyanide	IL
Method EPA 353.2 Rev: 2	
Nitrate	IL
Nitrate-nitrite	IL
Method SM 2130 B Rev: 20th ED	
Turbidity	IL
Method SM 2320 B Rev: 23rd ED	-
Alkalinity as CaCO3	IL
	IL
Method SM 2340 B Rev: 23rd ED	11
Hardness	IL

Certificate No.: 1002262023-17	Primary AB
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-CI G Rev: 20th ED Total chlorine	IL
Method SM 4500-F C Rev: 23rd ED Fluoride	IL
Method SM 4500-H+ B Rev: 21st ED pH	IL
Method SM 4500-NO2 B Rev: 23rd ED Nitrite	IL
Method SM 4500-P E Rev: 23rd ED Orthophosphate as P	IL
Method SM 4500-SiO2 D Rev: 23rd ED Silica as SiO2	IL
Method SM 5310 C Rev: 21st ED Dissolved organic carbon (DOC) Total organic carbon	IL 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 353.2Nitrate, 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