REPORT OF DRINKING WATER SAMPLING FOR LEAD CONTENT AT:

BARFIELD EARLY CHILDHOOD 2025 HANLEY RD DARDENNE PRAIRIE, MISSOURI 63368



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



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

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Nevember 7th, 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): Barfield Early Childhood

2025 Hanley Rd

Dardenne Prairie, Missouri 63368

Dear Mrs. Hawkins

On the morning of October 26th, 2023, J.S. Held performed lead testing of multiple water sources at the Barfield Early Childhood located at 2025 Hanley Rd in Dardenne Prairie, 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 6:30 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-six (50) different locations throughout Barfield Early Childhood during the sampling event. The water samples were collected from drinking fountains and sinks potentially utilized for cooking or drinking activities at

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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 (μ g/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 (μ g/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. **Ninety-nine (99) samples collected from the selected locations at the Barfield Early Childhood 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 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.

All samples collected from the selected locations at Barfield Early Childhood were less than the 5 ppb requirements under Senate Bill 681. 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.

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 Barfield Early Childhood Center

Sampled: October 26, 2023

Samp	le ID Location	Water Source	Results (ppb)
01A	Kitchen, 3 Bay (Left)	Sink	<1.0
01B	Kitchen, 3 Bay (Left)	Sink	<1.0
02A	Kitchen, 3 Bay (Right)	Sink	<1.0
02B	Kitchen, 3 Bay (Right)	Sink	<1.0
03A	Room 216	Sink	<1.0
03B	Room 216	Sink	<1.0
04A	Room 220	Sink	<1.0
04B	Room 220	Sink	<1.0
05A	Room 222	Sink	<1.0
05B	Room 222	Sink	<1.0
06A	Room 223	Sink	<1.0
06B	Room 223	Sink	<1.0
07A	Near 223 (Left)-Not working	Fountain	
07B	Near 223 (Left)-Not working	Fountain	
08A	Near 223 (Right)-Not working	Fountain	
08B	Near 223 (Right)-Not working	Fountain	
09A	Near 209	Fountain	<1.0
09B	Near 209	Fountain	<1.0
10A	Room 213 (Left)	Sink	<1.0
10B	Room 213 (Left)	Sink	<1.0
11A	Room 213 (Right)	Sink	<1.0
11B	Room 213 (Right)	Sink	<1.0
12A	Room 206 (Left)	Sink	<1.0
12B	Room 206 (Left)	Sink	<1.0
13A	Room 206 (Right)	Sink	<1.0
13B	Room 206 (Right)	Sink	<1.0
14A	Room 204 (Left)	Sink	<1.0
14B	Room 204 (Left)	Sink	<1.0
15A	Room 204 (Right)	Sink	<1.0
15B	Room 204 (Right)	Sink	<1.0
16A	Room 205 (Left)	Sink	<1.0
16B	Room 205 (Left)	Sink	<1.0
17A	Room 205 (Right)	Sink	<1.0
17B	Room 205 (Right)	Sink	<1.0
18A	Room 202 (Left)	Sink	<1.0

Samp	le ID Location	Water Source	Results (ppb)
18B	Room 202 (Left)	Sink	<1.0
19A	Room 202 (Left)	Sink	<1.0
19B	Room 202 (Left)	Sink	<1.0
20A	Room 203 (Left)	Sink	<1.0
20B	Room 203 (Left)	Sink	<1.0
21A	Room 203 (Right)	Sink	<1.0
21B	Room 203 (Right)	Sink	<1.0
22A	Room 200 (Left)	Sink	<1.0
22B	Room 200 (Left)	Sink	<1.0
23A	Room 200 (Right)	Sink	<1.0
23B	Room 200 (Right)	Sink	<1.0
24A	Room 201 (Left)	Sink	<1.0
24B	Room 201 (Left)	Sink	<1.0
25A	Room 201 (Right)	Sink	<1.0
25B	Room 201 (Right)	Sink	<1.0
26A	Room 107 (Nurse)	Sink	1.1
26B	Room 107 (Nurse)	Sink	<1.0
27A	Room 109	Sink	<1.0
27B	Room 109	Sink	<1.0
28A	Near Front Lobby RR (Left)	Fountain	<1.0
28B	Near Front Lobby RR (Left)	Fountain	<1.0
29A	Near Front Lobby RR (Right)	Fountain	<1.0
29B	Near Front Lobby RR (Right)	Fountain	<1.0
30A	Staff Kitchen	Sink	<1.0
30B	Staff Kitchen	Sink	<1.0
31	Staff Ice Machine	Ice Machine	<1.0
32A	Staff Lounge	Sink	<1.0
32B	Staff Lounge	Sink	<1.0
33A	Near 116	Fountain	<1.0
33B	Near 116	Fountain	<1.0
34A	Room 116 (Left)	Sink	<1.0
34B	Room 116 (Left)	Sink	<1.0
35A	Room 116 (Right)	Sink	<1.0
35B	Room 116 (Right)	Sink	<1.0
36A	Room 300 (Left)	Sink	<1.0
36B	Room 300 (Left)	Sink	<1.0
37A	Room 300 (Right)	Sink	<1.0
37B	Room 300 (Right)	Sink	<1.0
38A	Room 301 (Left)	Sink	<1.0
38B	Room 301 (Left)	Sink	<1.0
39A	Room 301 (Right)	Sink	<1.0
39B	Room 301 (Right)	Sink	<1.0

Samp	le ID Lo	cation	Water Source	Results (ppb)
40A	Room 302	(Left)	Sink	<1.0
40B	Room 302	(Left)	Sink	<1.0
41A	Room 302	(Right)	Sink	<1.0
41B	Room 302	(Right)	Sink	<1.0
42A	Room 303	(Left)	Sink	<1.0
42B	Room 303	(Left)	Sink	<1.0
43A	Room 303	(Right)	Sink	<1.0
43B	Room 303	(Right)	Sink	<1.0
44A	Room 304	(Left)	Sink	<1.0
44B	Room 304	(Left)	Sink	<1.0
45A	Room 304	(Right)	Sink	<1.0
45B	Room 304	(Right)	Sink	<1.0
46A	Room 305	(Left)	Sink	<1.0
46B	Room 305	(Left)	Sink	<1.0
47A	Room 305	(Right)	Sink	<1.0
47B	Room 305	(Right)	Sink	<1.0
48A	Room 306	(Left)	Sink	<1.0
48B	Room 306	(Left)	Sink	<1.0
49A	Room 306	(Right)	Sink	1.1
49B	Room 306	(Right)	Sink	<1.0
50A	Room 307	(Left)	Sink	<1.0
50B	Room 307	(Left)	Sink	<1.0
51A	Room 307	(Right)	Sink	<1.0
51B	Room 307	(Right)	Sink	<1.0
52A	Room 308		Sink	<1.0
52B	Room 308		Sink	<1.0
53A	Exterior 20	04 (Left)-Not working	Fountain	
53B	Exterior 20	04 (Left)-Not working	Fountain	
54A		04 (Right)-Not working	Fountain	
54B	Exterior 20	04 (Right)-Not working	Fountain	
55A	Exterior 20	00 (Left)-Not working	Fountain	
55B		00 (Left)-Not working	Fountain	
56A		00 (Right)-Not working	Fountain	
56B	Exterior 20	00 (Right)-Not working	Fountain	

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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.

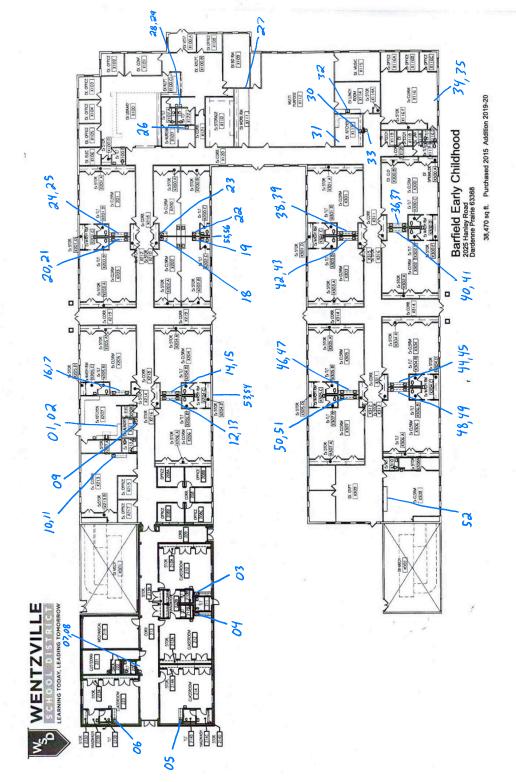


Water source is 5-19.9 ppb, but still displays evidence of lead. Recommendation is to re-test source on an annual basis at a minimum.

Sample Legend

"A" = First Draw

"B" = Second Draw



APPENDIX B LABORATORY ANALYSIS



November 06, 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-Barfield WorkOrder: 23102100

Dear Jim Yasitis:

TEKLAB, INC received 50 samples on 10/26/2023 9:47:00 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: 23102100
Client Project: Wentzville SD Water Sampling 231000104-Barfield Report Date: 06-Nov-23

This reporting package includes the following:

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Accreditations	6
Laboratory Results	7
Receiving Check List	9
Chain of Custody	Appended



Definitions

http://www.teklabinc.com/

Client: Environmental Consultants, LLC Work Order: 23102100

Client Project: Wentzville SD Water Sampling 231000104-Barfield Report Date: 06-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)



Definitions

http://www.teklabinc.com/

Client: Environmental Consultants, LLC Work Order: 23102100

Client Project: Wentzville SD Water Sampling 231000104-Barfield Report Date: 06-Nov-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: 23102100

Client Project: Wentzville SD Water Sampling 231000104-Barfield Report Date: 06-Nov-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: 23102100

Client Project: Wentzville SD Water Sampling 231000104-Barfield Report Date: 06-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: 23102100

Client Project: Wentzville SD Water Sampling 231000104-Barfield Report Date: 06-Nov-23

Matrix: DRINKING WATER

	Client Sample ID	Certification	Qual RL	Result	Units	DF	Date Analyzed	Date Collected
_	200.8 R5.4, META		•				J	
Lead		(.	,					
23102100-001A	01A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 12:40	10/26/2023 5:00
23102100-002A	01B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 12:44	10/26/2023 5:00
23102100-003A	02A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 12:47	10/26/2023 5:00
23102100-004A	02B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 12:51	10/26/2023 5:00
23102100-005A	03A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 12:54	10/26/2023 5:00
23102100-006A	03B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 12:57	10/26/2023 5:00
23102100-007A	04A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 13:01	10/26/2023 5:00
23102100-008A	04B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 13:16	10/26/2023 5:00
23102100-009A	05A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 13:27	10/26/2023 5:00
23102100-010A	05B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 13:30	10/26/2023 5:00
23102100-011A	06A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 13:34	10/26/2023 5:00
23102100-012A	06B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 13:38	10/26/2023 5:00
23102100-013A	09A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 13:41	10/26/2023 5:00
23102100-014A	09B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 13:45	10/26/2023 5:00
23102100-015A	10A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 14:07	10/26/2023 5:00
23102100-016A	10B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 14:11	10/26/2023 5:00
23102100-017A	11A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 14:14	10/26/2023 5:00
23102100-018A	11B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 14:18	10/26/2023 5:00
23102100-019A	12A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 14:22	10/26/2023 5:00
23102100-020A	12B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 14:25	10/26/2023 5:00
23102100-021A	13A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 14:29	10/26/2023 5:00
23102100-022A	13B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 14:33	10/26/2023 5:00
23102100-023A	14A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 14:36	10/26/2023 5:00
23102100-024A	14B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 14:51	10/26/2023 5:00
23102100-025A	15A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 15:02	10/26/2023 5:00
23102100-026A	15B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 15:06	10/26/2023 5:00
23102100-027A	16A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 15:09	10/26/2023 5:00
23102100-028A	16B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 15:13	10/26/2023 5:00
23102100-029A	17A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 15:17	10/26/2023 5:00
23102100-030A	17B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 15:20	10/26/2023 5:00
23102100-031A	18A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 15:24	10/26/2023 5:00
23102100-032A	18B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 15:39	10/26/2023 5:00
23102100-033A	19A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 15:42	10/26/2023 5:00
23102100-034A	19B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 15:46	10/26/2023 5:00
23102100-035A	20A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 15:57	10/26/2023 5:00
23102100-036A	20B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 16:01	10/26/2023 5:00
23102100-037A	21A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 16:04	10/26/2023 5:00
23102100-038A	21B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 16:08	10/26/2023 5:00
23102100-039A	22A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 16:12	10/26/2023 5:00
23102100-040A	22B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 16:27	10/26/2023 5:00
23102100-041A	23A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 16:30	10/26/2023 5:00
23102100-042A	23B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 16:34	10/26/2023 5:00
23102100-043A	24A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 16:36	10/26/2023 5:00
23102100-044A	24B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 16:40	10/26/2023 5:00
23102100-045A	25A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 16:51	10/26/2023 5:00
23102100-046A	25B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 16:55	10/26/2023 5:00
23102100-047A	26A	NELAP	1.0	1.0	μg/L	1	11/03/2023 16:58	10/26/2023 5:00
23102100-048A	26B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 17:13	10/26/2023 5:00



Laboratory Results

http://www.teklabinc.com/

Client: Environmental Consultants, LLC Work Order: 23102100

Client Project: Wentzville SD Water Sampling 231000104-Barfield Report Date: 06-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												
23102100-049	9A 27A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 17:17	10/26/2023 5:00				
23102100-050	OA 27B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 17:20	10/26/2023 5:00				



Client: Environmental Consultants, LLC

Receiving Check List

http://www.teklabinc.com/

Work Order: 23102100

Client Project: Wentzville SD Water Sampling 231000104-Barfield Report Date: 06-Nov-23 Carrier: Devon Rathbun Received By: CET Completed by: Reviewed by: Moon Ollacuc On: On: 27-Oct-23 27-Oct-23 Amber Dilallo Ellie Hopkins Extra pages included 0 Pages to follow: Chain of custody 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 **~** 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 \square 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 🗀

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. <u>1</u> of <u>10</u> Work Order \$.23102100

Samples on: Eline El Blue ice A Noice MAA

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 62234											Preserved in: N. Lab - El Field - <u>FOR LAB USE ONLY</u>																
City / State / Zi	City State Zip: Collinsville, IL 6,2234 Contact: Jim Vasitis Phone: 618-343-3590																										
Contact: Jin	Nasitis	Phon	e: 618	343	359	0																					
E-Mail: jame	s. yasitis@jsheld.coo	м Fax:	618	-343.	359	7			l C	om 12 /	mei	115: <i>1</i> 0 t	,	c a	, 19	CL	JJ L	O Ca	1	(e)	7 / t	er					
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J.S. Held

Client:

pg. 2 of 10 Work Order # <u>23102100</u>

Client: J. S. Held										Sac	ople	S OI	l, L	1.1	60	D BI	Um Ic	¢		Jo To	ê			<u> </u>			
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pg. <u>3</u> of <u>10</u> Work Order \$.23103100

Client: J. S. Held		alen)	ile:	5 QN.		lee.		in loc		NoI	ca			- ag								
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pg. <u>4 of 10</u> Work Order \$.33103100

Client:	J. S. Held			····				1	Sar	apk	25 M	n.		lee	io Blua	lce.		lo Ice				- "0"			
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pg. <u>5</u> of <u>10</u> Work Order \$. <u>33103100</u>

Client:	J.S. Held									200	物的	P S	nn.	فانوا	100		1ce		40 10	À						
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The individual i										_																1
the individual sign	ing this agreement on beh	alf of client	acknowledg	es th	at he	/she	has	read	and	יושאי	~~~		M	A = -		•										



November 06, 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-Barfield WorkOrder: 23102242

Dear Jim Yasitis:

TEKLAB, INC received 49 samples on 10/26/2023 9:47:00 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: 23102242
Client Project: Wentzville SD Water Sampling 231000104-Barfield Report Date: 06-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



Definitions

http://www.teklabinc.com/

Client: Environmental Consultants, LLC Work Order: 23102242

Client Project: Wentzville SD Water Sampling 231000104-Barfield Report Date: 06-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)



Definitions

http://www.teklabinc.com/

Client: Environmental Consultants, LLC Work Order: 23102242

Client Project: Wentzville SD Water Sampling 231000104-Barfield Report Date: 06-Nov-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: 23102242

Client Project: Wentzville SD Water Sampling 231000104-Barfield Report Date: 06-Nov-23

Cooler Receipt Temp: N/A °C

Locations

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



Accreditations

http://www.teklabinc.com/

Client: Environmental Consultants, LLC Work Order: 23102242

Client Project: Wentzville SD Water Sampling 231000104-Barfield Report Date: 06-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: 23102242

Client Project: Wentzville SD Water Sampling 231000104-Barfield Report Date: 06-Nov-23

Matrix: DRINKING WATER

	Client Sample ID	Certification	Qual RL	Result	Units	DF	Date Analyzed	Date Collected
_	200.8 R5.4, META	LS BY ICPMS (T					•	
Lead		(·					
23102242-001A	28A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 22:52	10/26/2023 5:00
23102242-002A	28B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 22:56	10/26/2023 5:00
23102242-003A	29A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 22:59	10/26/2023 5:00
23102242-004A	29B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 23:03	10/26/2023 5:00
23102242-005A	30A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 23:14	10/26/2023 5:00
23102242-006A	30B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 23:36	10/26/2023 5:00
23102242-007A	31	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 23:40	10/26/2023 5:00
23102242-008A	32A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 23:43	10/26/2023 5:00
23102242-009A	32B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 23:47	10/26/2023 5:00
23102242-010A	33A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 23:51	10/26/2023 5:00
23102242-011A	33B	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 23:54	10/26/2023 5:00
23102242-012A	34A	NELAP	1.0	< 1.0	μg/L	1	11/03/2023 23:58	10/26/2023 5:00
23102242-013A	34B	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 0:02	10/26/2023 5:00
23102242-014A	35A	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 0:05	10/26/2023 5:00
23102242-015A	35B	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 0:09	10/26/2023 5:00
23102242-016A	36A	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 0:24	10/26/2023 5:00
23102242-017A	36B	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 0:27	10/26/2023 5:00
23102242-018A	37A	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 0:31	10/26/2023 5:00
23102242-019A	37B	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 0:35	10/26/2023 5:00
23102242-020A	38A	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 0:38	10/26/2023 5:00
23102242-021A	38B	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 0:42	10/26/2023 5:00
23102242-022A	39A	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 0:46	10/26/2023 5:00
23102242-023A	39B	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 0:50	10/26/2023 5:00
23102242-024A	40A	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 0:53	10/26/2023 5:00
23102242-025A	40B	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 1:15	10/26/2023 5:00
23102242-026A	41A	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 1:26	10/26/2023 5:00
23102242-027A	41B	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 1:30	10/26/2023 5:00
23102242-028A	42A	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 1:34	10/26/2023 5:00
23102242-029A	42B	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 1:37	10/26/2023 5:00
23102242-030A	43A	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 1:41	10/26/2023 5:00
23102242-031A	43B	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 1:45	10/26/2023 5:00
23102242-032A	44A	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 1:59	10/26/2023 5:00
23102242-033A	44B	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 2:03	10/26/2023 5:00
23102242-034A	45A	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 2:07	10/26/2023 5:00
23102242-035A	45B	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 2:10	10/26/2023 5:00
23102242-036A	46A	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 2:14	10/26/2023 5:00
23102242-037A	46B	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 2:18	10/26/2023 5:00
23102242-038A	47A	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 2:21	10/26/2023 5:00
23102242-039A	47B	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 2:25	10/26/2023 5:00
23102242-040A	48A	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 2:29	10/26/2023 5:00
23102242-041A	48B	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 2:32	10/26/2023 5:00
23102242-042A	49A	NELAP	1.0	1.0	μg/L	1	11/04/2023 2:47	10/26/2023 5:00
23102242-043A	49B	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 2:51	10/26/2023 5:00
23102242-044A	50A	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 4:37	10/26/2023 5:00
23102242-045A	50B	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 4:41	10/26/2023 5:00
23102242-046A	51A	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 4:44	10/26/2023 5:00
23102242-047A	51B	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 4:48	10/26/2023 5:00
23102242-048A	52A	NELAP	1.0	< 1.0	μg/L	1	11/04/2023 4:52	10/26/2023 5:00



Laboratory Results

http://www.teklabinc.com/

Client: Environmental Consultants, LLC Work Order: 23102242

Client Project: Wentzville SD Water Sampling 231000104-Barfield Report Date: 06-Nov-23

Matrix: DRINKING WATER

Sample ID	Client Sample ID	Certification	Qual F	RL	Result	Units	DF	Date Analyzed	Date Collected			
EPA 600 4.1. Lead	EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)											
23102242-049	9A 52B	NELAP	,	1.0	< 1.0	μg/L	1	11/04/2023 4:55	10/26/2023 5:00			



Receiving Check List

http://www.teklabinc.com/

Work Order: 23102242 Client: Environmental Consultants, LLC Client Project: Wentzville SD Water Sampling 231000104-Barfield Report Date: 06-Nov-23 Carrier: Devon Rathbun Received By: CET Completed by: Reviewed by: mbor Ollacuc On: On: 27-Oct-23 27-Oct-23 Amber Dilallo Ellie Hopkins Extra pages included 4 Pages to follow: Chain of custody 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 **~** 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 \square 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 - 10/27/2023 1:53:18 PM

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

Client: J.S. Held Address: 6 Meadow Heig	LATOR OF L		los (3 Bluaice) Lao - (3 Field	Notes V X For Law USE On	<u> </u>
		a a y as a said	um (U	A STATE OF THE PROPERTY OF T	nert (Mary
City / State / Zip: Collinsuille, IL &	62234	Lab Noiss:			
Contact: Jim Vasitis	Phone: 6/8-343-3590				
E-Mail: james, yasitis@jsheld.com	n Fax: <u>6/8-343-3597</u>	Comments:	any Childhord	Tenter	
Are these samples known to be hazardous?	igation? If yes, a surcharge will apply. 🗆 Yes 🛛 No 📗	al L	og option		
Project Name / Number	Sample Collector's Name	MATRIX	INDICATE	ANALYSIS REQUI	ESTED
Wentzuille SD Water Sampling 831000104	Brad Frisch	19)(6)			
m		71 1421 1 1 1			

limits in comment section. 🗵 Yes 🗆 No		.	- 3 7 4	•		gg€	rej	# <i>((X)</i>	rin 970.	
Project Name / Number Wentzuille SD Water Sampling	Samp	le Collector	's Name			MA	TRIX		INDICATE ANALYSIS REQ	UESTED
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Results Requested B	illing Instruction	ons #and	Type of (MA E	er ingresser	9	(pm)	-
☑ Standard ☐ 1-2 Day (100% Surcharge)	•	w S	4	100	18	King	0	yas Yas	A A	
☐ Other ☐ 3 Day (50% Surcharge)	Y =		6 8 2	MeOH NaHSO4	Mater	Drinking	Soil	Sp. Waste	686	
Capus Security Sample Identification	Y		ZZ	CZZ	<u>Ö</u>			100		
23102142 28A	10.26.23 5	7	<u> - </u>			<u> </u> X	<u> </u>	-	X	
<u>02</u> 28B		/ X			Ì	X				
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-				Paragraphic Colonial accounts						
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The individual signing this agreement on behalf of client acknowledges that he/she has read and understand the

23102242 CHAIN OF CUSTODY pg. <u>7 of 10</u> Work Order # <u>23102100</u>

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

Client:	J.S. Helk									Diff	milb	川僧写	min:	lien)	10.6		ng 100		VO FG							
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City / State / Zi	p: Collinsuille, IL	6.2234	***************************************	.,		- · ·		_ 		1,3	b K	hob	8.													
Contact: Jin	n Vasitis	Pho	ne: 6/8	-34.	3-3	590																				
E-Mail: jame	rs, yasitis@jsheld.co	m Fax:	618	7-34	?-3.	597	·			©⊈ •	EPI.	ner	ŭs:			, 77	ildka	l est	/_	r L	e.					
 Are these sample Are there any require 	s known to be involved in lift sknown to be hazardous? uired reporting limits to be resection. 图 Yes No	☐ Yes ☐ Net on the rea	lo quested an	alysis	? If y	/es, p	leas	e pro						√ t		g pt	0 4 GH	·c		<i>*</i>	===					
Project	Name / Number		ımple Co		or's	Nan	ne	•			MATRIX INDICATE A			ANA	NALYSIS REQUESTED											
231000104	Water Sampling		Frisch		Langiero 000		<u>. </u>	···	O loma ri d	_	The state of the s	Water	and Minister of Africa	CHECK CONTRACTOR OF THE PERSON	(0)			MANAGE OF THE PROPERTY.		The state of the s						and the second
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	Sample Identification	Date/Time	Sampled	Š	Z Z	Nac Z	MCL	MeOH	Sario Sario			5 0	NOO!	S	Lea											
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CHAIN OF CUSTODY pg. 8 of 10 Work Order #33103100

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

Client: J. S. Held		Samples on I les I Blue les I No les	a 96
Address: 6 Meadow Heights Pr	rof Park	Preserved in: 13 Lab 13 Find For	LABIUSE ONLY
City State Zip: Collinsuille, IL 6,223	4	Lab Pobles	
Contact: Jim Vasitis P	hone: 618-343-3590		
E-Mail: james. yasitis@jsheld.com F	ax: 618-343-3597	Comments	
Are these samples known to be involved in litigation?		Bartey Fam Chickon CE	n+er
o Are these samples known to be hazardous? ☐ Yes	図 No		
 Are there any required reporting limits to be met on the limits in comment section.	e requested analysis? If yes, please provide	Please report in 196	
Project Name / Number	Sample Collector's Name	MATRIX INDICATE ANA	LYSIS REQUESTED
Wentzuille SD Water Sampling Bra	ad Frisch	19)	
	structions # and Type of Containers	g Water (Pw)	
☑ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ☐ 3 Day (50% Surcharge) ☐ Lab Use Only Sample Identification Date/Ti	Ø 7 5 7 00 .	Water Drinking W Soll Sludge Sp. Weste	
Continue Sample Identification Bata/T	MACOH HISO, MACOH HISO, MAKEOH Officer	Water Soil Soil Soil Sp. Was	
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OSO 43A	· ν λ	X	8.4.15
Relinquished By	Date / Time	Received By	Date / Time
Devon Rathbun	10.26.23 0947		TO 80-80 0341
The individual signing this agreement on behalf of clie	ent acknowledges that halpha has as a line) <u>.</u>

CHAIN OF CUSTODY pg. 4 of 10 Work Order #.2

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

Address: 6 Meadow Heights Pro	of Park	Preserv	edin: Ellab	E field For	RLAB: USE: ONLY
City State Zip: Collinsville, IL 62239		Lab Koi	AS.		
Contact: Jim Vasitis P	hone: 6/8-343-3590				
E-Mail: james, yasitis@jsheld.com Fi	au: 618-343-3597	Commo Commo	nis: Leu Fari	y Children Co	enter .
 Are these samples known to be involved in litigation? Are these samples known to be hazardous? □ Yes Are there any required reporting limits to be met on the limits in comment section. ☑ Yes □ No 	M No	NO	refer in		
Project Name / Number	Sample Collector's Name ·	ram .	TRIX	INDICATE AN	ALYSIS REQUESTED
Wentzuille SD Water Sampling Bra	d Frisch	s s s			
Results Requested Billing Ins	structions # and Type of Contain		(Dw)		
☐ Other ☐ 3 Day (50% Surcharge)		Water Water Drinking	Soil Sludge Sp. Waste Lead (D		
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034 45A		X	X		
035 45B	X	χ	X		-
036 46A	Υ	اعا	X		
O37 46B		χ	X		
O38 47A	X	\ \tag{\tau}	· · X		
039 478		ト	\ \ \ \ \ \ \		
046 484		X	X		
Relinquished By	Date / Time		Reco	ived By	Date / Time
Devon Rathbun	10.26.23 0947		Mun		10-26-23 0947
The individual signing this agreement on behalf of clien	of acknowledges that beloke her read	and understan	de the terms	4	

J.S. Held

Client:

J.S. Held

Client:

CHAIN OF CUSTODY pg. <u>10 of 10</u> Work Order # 3310

Samples on: II les II Blue les II No les 90

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

Address: 6 Meadow Heigh	hts Prof Po	rk				_		Pres	gry	ed i	n.	II La	0	ПF	eld:		FOR:	LA8	USE	ONL	<u>Y</u>			
City State Zip: Collinsville, IL 6	2234			5,1		_		Lab	Mail	的意 。														
Contact: Jim Yasitis	Phone	618-3	43-3	590		_																		
E-Mail: james. yasitis@jsheld.com	<u>-</u> Fax:	618-3	43-3	597				Con Pa		nis.	I	Fai	ay.	CLII	Jko	69	Će	n+	er					
PAre these samples known to be involved in litigo Are these samples known to be hazardous? □ Are there any required reporting limits to be medimits in comment section. 图 Yes □ No	I Yes Mi No et on the requi	sted analys	is? If y	res, pl	ease (٥	o _{lea}		re			et j	2 <u>26.</u>										
Project Name / Number	Sam	ple Colle	ctor's	Nam) @ .				MAT	ri	1		-		NDIC	ATE	ANA	Lysi	IS RE	QUE	<u>Stel</u>	<u>) </u>		
Wentzuille "SD Water Sampling 231000104	Brad p	risch							Water	og en	on the special distribution	Ć			Deline de la constante de la c	CHRIST CHRIST						and the squares quick		
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☐ Other ☐ ☐ 3 Day (50% Surcharge)	•	1 W	2 2	r z	4.5	r ő	15	ją.	Drinking		Studge Sp. Week	Na Na	,	o de la compagnicación de la c	veren and a	Constitution of the consti				of the same of the		a bearing the second		
Lab Use Only Sample Identification	Date/Time Sa	mbled 2	ENO.	N28	Z Z	Namo	Other	Water	Dric	Soil	30	10 A			Yahania Ya									
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The individual signing this agreement on behal	& of allows only		ر جا بدر جانا،	- / !			مستحد	سيندانت در در لم ب	-4	_1_ A1	- · ^		- -											

TABLE 1

Drinking Water Sampling for Lead Content Wentzville R-IV School District Barfield Early Childhood Center

Sampled: October 26, 2023

Samp	le ID Location	Water Source	Results (ppb)
01A	Kitchen, 3 Bay (Left)	Sink	
01B	Kitchen, 3 Bay (Left)	Sink	
02A	Kitchen, 3 Bay (Right)	Sink	
02B	Kitchen, 3 Bay (Right)	Sink	
03A	Room 216	Sink	
03B	Room 216	Sink 🗽	
04A	Room 220	Sink	
04B	Room 220	Sink	
05A	Room 222	Sink	
05B	Room 222	Sink	
06A	Room 223	Sink	
06B	Room 223	Sink	
07A	Near 223 (Left)-Not working	Fountain	
07B	Near 223 (Left)-Not working	Fountain	
08A	Near 223 (Right)-Not working	Fountain	
08B	Near 223 (Right)-Not working	Fountain	
09A	Near 209	Fountain	
09B	Near 209	Fountain	
10A	Room 213 (Left)	Sink	
10B	Room 213 (Left)	Sink	
11 A	Room 213 (Right)	Sink	
11B	Room 213 (Right)	Sink	
12A	Room 206 (Left)	Sink	
12B	Room 206 (Left)	Sink	
13A	Room 206 (Right)	Sink	
13B	Room 206 (Right)	Sink	
14A	Room 204 (Left)	Sink	
14B	Room 204 (Left)	Sink	
15A	Room 204 (Right)	Sink	
15B	Room 204 (Right)	Sink	
16A	Room 205 (Left)	Sink	
16B	Room 205 (Left)	Sink	
17A	Room 205 (Right)	Sink	
17B	Room 205 (Right)	Sink	
18A	Room 202 (Left)	Sink	

Samp	le ID Location	Water Source	Results (ppb)
18B	Room 202 (Left)	Sink	
19A	Room 202 (Left)	Sink	
19B	Room 202 (Left)	Sink	
20A	Room 203 (Left)	Sink	
20B	Room 203 (Left)	Sink	
21A	Room 203 (Right)	Sink	
21B	Room 203 (Right)	Sink	
22A	Room 200 (Left)	Sink	
22B	Room 200 (Left)	Sink	
23A	Room 200 (Right)	Sink	
23B	Room 200 (Right)	Sink	
24A	Room 201 (Left)	Sink	
24B	Room 201 (Left)	Sink	
25A	Room 201 (Right)	Sink	
25B	Room 201 (Right)	Sink	
26A	Room 107 (Nurse)	Sink	
26B	Room 107 (Nurse)	Sink	
27A	Room 109	Sink	
27B	Room 109	Sink	
28A	Near Front Lobby RR (Left)	Fountain	
28B	Near Front Lobby RR (Left)	Fountain	
29A	Near Front Lobby RR (Right)	Fountain	
29B	Near Front Lobby RR (Right)	Fountain	
30A	Staff Kitchen	Sink	
30B	Staff Kitchen	Sink	
31	Staff Ice Machine	Ice Machine	
32A	Staff Lounge	Sink	
32B	Staff Lounge	Sink	
33A	Near 116	Fountain	
33B	Near 116	Fountain	
34A	Room 116 (Left)	Sink	
34B	Room 116 (Left)	Sink	
35A	Room 116 (Right)	Sink	
35B	Room 116 (Right)	Sink	
36A	Room 300 (Left)	Sink	
36B	Room 300 (Left)	Sink	
37A	Room 300 (Right)	Sink	
37B	Room 300 (Right)	Sink	
38A	Room 301 (Left)	Sink	
38B	Room 301 (Left)	Sink	
39A	Room 301 (Right)	Sink	
39B	Room 301 (Right)	Sink	

Samp	le ID Location	Water Source	Results (ppb)
40A	Room 302 (Left)	Sink	
40B	Room 302 (Left)	Sink	
41A	Room 302 (Right)	Sink	
41B	Room 302 (Right)	Sink	
42A	Room 303 (Left)	Sink	
42B	Room 303 (Left)	Sink	
43A	Room 303 (Right)	Sink	
43B	Room 303 (Right)	Sink	
44A	Room 304 (Left)	Sink	
44B	Room 304 (Left)	Sink	
45A	Room 304 (Right)	Sink	
45B	Room 304 (Right)	Sink	
46A	Room 305 (Left)	Sink	
46B	Room 305 (Left)	Sink	
47A	Room 305 (Right)	Sink	
47B	Room 305 (Right)	Sink	
48A	Room 306 (Left)	Sink	
48B	Room 306 (Left)	Sink	
49A	Room 306 (Right)	Sink	
49B	Room 306 (Right)	Sink	
50A	Room 307 (Left)	Sink	
50B	Room 307 (Left)	Sink	
51A	Room 307 (Right)	Sink	
51B	Room 307 (Right)	Sink	
52A	Room 308	Sink	
52B	Room 308	Sink	
53A	Exterior 204 (Left)-Not working	Fountain	
53B	Exterior 204 (Left)-Not working	Fountain	
54A	Exterior 204 (Right)-Not working	Fountain	
54B	Exterior 204 (Right)-Not working	Fountain	
55A	Exterior 200 (Left)-Not working	Fountain	
55B	Exterior 200 (Left)-Not working	Fountain	
56A	Exterior 200 (Right)-Not working	Fountain	
56B	Exterior 200 (Right)-Not working	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

APPENDIX C CREDENTIALS

STATE OF MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES

LEAD OCCUPATION LICENSE REGISTRATION

Issued to:

Bradley M. Frisch

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

Lead Risk Assessor
Category of License

Issuance Date:

3/1/2022

Expiration Date:

3/1/2024

License Number:

160229-300004900



Paula F. Nickelson

Acting Director

Department of Health and Senior Services

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

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 Centification 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	
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 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

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	IL.

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 Primary AB

Certificate No.: 1002262023-17	· · · · · · · · · · · · · · · · · · ·
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
••	

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	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

Certificate No.: 1002262023-17 Primary AB

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
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Method EPA 8270C Rev: 3	
	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

Certificate No.: 1002262023-17	Primary AB
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	
Synthetic Precipitation Leaching Procedure (SPLP)	IL
Method EPA 6010B Rev: 2	ı <u>L</u>
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 Bondium	IL II
Beryllium	IL IL
Boron Cadmium	IL 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	ı. IL
Bromobenzene	ı. IL
Bromochloromethane	IL
Bromodichloromethane	IL
Bromoform	IL
Carbon disulfide	IL
Carbon tetrachloride	IL
Chlorobenzene	
	IL "
Chlorodibromomethane	IL "
Chloroethane (Ethyl chloride)	IL "
Chloroform (2.01	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

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) IL4-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	īL
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 IL
Zinc	IL
Method EPA 245.1 Rev: 3	
Mercury	IL
Method EPA 335.4 Rev: 1	
Cyanide	IL
Method EPA 353.2 Rev: 2	
Nitrate	IL
Nitrate-nitrite	IL
Method SM 2130 B Rev: 20th ED	
Turbidity	IL
Method SM 2320 B Rev: 23rd ED	
Alkalinity as CaCO3	IL
Method SM 2340 B Rev: 23rd ED	,_
Hardness	IL
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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