

# **REPORT OF DRINKING WATER SAMPLING FOR LEAD CONTENT AT:**

**LAKEVIEW ELEMENTARY SCHOOL  
2501 MEXICO ROAD  
O'FALLON, MISSOURI 63366**



***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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O’Fallon, Missouri 63366

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# **EXECUTIVE SUMMARY**

October 31, 2023

Mrs. Angela Hawkins  
Director of Maintenance  
Wentzville R-IV School District  
101 Support Service Drive  
O'Fallon, Missouri 63366

**Subject: Results of Drinking Water Testing for Lead Content**

**Site(s): Lakeview Elementary School  
2501 Mexico Road  
O'Fallon, Missouri 63366**

Dear Mrs. Hawkins,

On the morning of October 18<sup>th</sup>, 2023, J.S. Held, LLC performed lead testing of multiple water sources at the Lakeview Elementary School located at 2501 Mexico Road 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 4:45 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 forty-five (45) different locations throughout Lakeview Elementary 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 ( $\mu\text{g/L}$ ). 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 ( $\mu\text{g/L}$ ). 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. **Eighty-eight (88) samples collected from the selected locations at the Lakeview Elementary School reported sample results which were less than the action level.** This information can be found under the National Primary Drinking Water Regulations provided by the EPA, CFR 2010 Title 40. (See Appendix A and B for Sample Results) The Missouri Senate Bill 1075 require potable plumbing fixtures to be less than 5.0 ppb, the levels are above 5 ppb, then action shall be necessary to filter the water from the fixture or clean/repair/replace the fixture and retest until the levels are reported below 5 ppb. **One (1) sample collected from the selected locations at the Lakeview Elementary School reported a sample result which is above 5 ppb** (See Appendix A and B for Sample Results)

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

**Sample ID 01A Kitchen Pot Filler**

**(8.3 ppb)**

At this time all water sources testing at 5 ppb or above should be removed from service until filtration can be added or these sources are repaired/replaced and retested reporting under 5 ppb. These sources are subject to additional maintenance activities and response actions prior to use. Before being put back in service. In addition, all sources will be subject to an ongoing maintenance program and re-testing at appropriate intervals. **The district will be required to provide notification to parents and staff within 7 days of receiving these sample results and results shall be posted on the district website within 2 weeks. Any samples reported over 5 ppb should be re-sampled on an annual basis at a minimum.**

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

J.S. Held 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  
Lakeview Elementary School  
Sampled: October 18, 2023**

| <b>Sample ID</b> | <b>Location</b>                         | <b>Water Source</b> | <b>Results (ppb)</b> |
|------------------|-----------------------------------------|---------------------|----------------------|
| 01A              | Kitchen- Pot Filler                     | Sink                | 8.3                  |
| 01B              | Kitchen- Pot Filler                     | Sink                | <1.0                 |
| 02               | Kitchen- Ice Machine                    | Ice Machine         | <1.0                 |
| 03A              | Kitchen- 2 Bay                          | Sink                | <1.0                 |
| 03B              | Kitchen- 2 Bay                          | Sink                | <1.0                 |
| 04A              | Kitchen- Single Bay                     | Sink                | <1.0                 |
| 04B              | Kitchen- Single Bay                     | Sink                | <1.0                 |
| 05A              | Kitchen- Dishwashing Area- Dish Sprayer | Sink                | 3.8                  |
| 05B              | Kitchen- Dishwashing Area- Dish Sprayer | Sink                | <1.0                 |
| 06A              | Kitchen- 3 Bay (Left)                   | Sink                | <1.0                 |
| 06B              | Kitchen- 3 Bay (Left)                   | Sink                | <1.0                 |
| 07A              | Kitchen- 3 Bay (Right)                  | Sink                | <1.0                 |
| 07B              | Kitchen- 3 Bay (Right)                  | Sink                | <1.0                 |
| 08A              | Near Room C4 (Left)                     | Fountain            | <1.0                 |
| 08B              | Near Room C4 (Left)                     | Fountain            | <1.0                 |
| 09A              | Near Room C4 (Left Center)              | Fountain            | <1.0                 |
| 09B              | Near Room C4 (Left Center)              | Fountain            | <1.0                 |
| 10A              | Near Room C4 (Right Center)             | Fountain            | <1.0                 |
| 10B              | Near Room C4 (Right Center)             | Fountain            | <1.0                 |
| 11A              | Near Room C4 (Right)                    | Fountain            | <1.0                 |
| 11B              | Near Room C4 (Right)                    | Fountain            | <1.0                 |
| 12A              | Room C11 Kindergarten                   | Sink                | 2.2                  |
| 12B              | Room C11 Kindergarten                   | Sink                | <1.0                 |
| 13A              | Room C13 Kindergarten                   | Sink                | 2.4                  |
| 13B              | Room C13 Kindergarten                   | Sink                | <1.0                 |
| 14A              | Room C12 Kindergarten                   | Sink                | 2.6                  |
| 14B              | Room C12 Kindergarten                   | Sink                | <1.0                 |
| 15A              | Room C10 Kindergarten                   | Sink                | 1.1                  |
| 15B              | Room C10 Kindergarten                   | Sink                | <1.0                 |
| 16A              | Near Room C11 (Left)                    | Fountain            | <1.0                 |
| 16B              | Near Room C11 (Left)                    | Fountain            | <1.0                 |
| 17A              | Near Room C11 (Right)                   | Fountain            | <1.0                 |
| 17B              | Near Room C11 (Right)                   | Fountain            | <1.0                 |
| 18A              | Near Room C12 (Left)                    | Fountain            | <1.0                 |
| 18B              | Near Room C12 (Left)                    | Fountain            | <1.0                 |



| <b>Sample ID</b> | <b>Location</b>              | <b>Water Source</b> | <b>Results (ppb)</b> |
|------------------|------------------------------|---------------------|----------------------|
| 19A              | Near Room C12 (Right)        | Fountain            | <1.0                 |
| 19B              | Near Room C12 (Right)        | Fountain            | <1.0                 |
| 20A              | Near Room C26 (Left)         | Fountain            | <1.0                 |
| 20B              | Near Room C26 (Left)         | Fountain            | <1.0                 |
| 21A              | Near Room C26 (Right Center) | Fountain            | <1.0                 |
| 21B              | Near Room C26 (Right Center) | Fountain            | <1.0                 |
| 22A              | Near Room C26 (Right)        | Fountain            | <1.0                 |
| 22B              | Near Room C26 (Right)        | Fountain            | <1.0                 |
| 23A              | Near Room C2 (Left)          | Fountain            | <1.0                 |
| 23B              | Near Room C2 (Left)          | Fountain            | <1.0                 |
| 24A              | Near Room C2 (Left Center)   | Fountain            | <1.0                 |
| 24B              | Near Room C2 (Left Center)   | Fountain            | <1.0                 |
| 25A              | Near Room C2 (Right Center)  | Fountain            | <1.0                 |
| 25B              | Near Room C2 (Right Center)  | Fountain            | <1.0                 |
| 26A              | Near Room C2 (Right)         | Fountain            | <1.0                 |
| 26B              | Near Room C2 (Right)         | Fountain            | <1.0                 |
| 27A              | Room A5- Teacher's Lounge    | Sink                | <1.0                 |
| 27B              | Room A5- Teacher's Lounge    | Sink                | <1.0                 |
| 28               | Room A5- Teacher's Lounge    | Ice Machine         | <1.0                 |
| 29A              | Room A6- Nurse's Office      | Sink                | 1.1                  |
| 29B              | Room A6- Nurse's Office      | Sink                | <1.0                 |
| 30A              | Near Room E1 (Left)          | Fountain            | <1.0                 |
| 30B              | Near Room E1 (Left)          | Fountain            | <1.0                 |
| 31A              | Near Room E1 (Left Center)   | Fountain            | <1.0                 |
| 31B              | Near Room E1 (Left Center)   | Fountain            | <1.0                 |
| 32A              | Near Room E1 (Right Center)  | Fountain            | <1.0                 |
| 32B              | Near Room E1 (Right Center)  | Fountain            | <1.0                 |
| 33A              | Near Room E1 (Right)         | Fountain            | <1.0                 |
| 33B              | Near Room E1 (Right)         | Fountain            | <1.0                 |
| 34A              | Near Room D2 (Left)          | Fountain            | <1.0                 |
| 34B              | Near Room D2 (Left)          | Fountain            | <1.0                 |
| 35A              | Near Room D2 (Left Center)   | Fountain            | <1.0                 |
| 35B              | Near Room D2 (Left Center)   | Fountain            | <1.0                 |
| 36A              | Near Room D2 (Right Center)  | Fountain            | <1.0                 |
| 36B              | Near Room D2 (Right Center)  | Fountain            | <1.0                 |
| 37A              | Near Room D2 (Right)         | Fountain            | <1.0                 |
| 37B              | Near Room D2 (Right)         | Fountain            | <1.0                 |
| 38A              | Near Room E2 (Left)          | Fountain            | <1.0                 |
| 38B              | Near Room E2 (Left)          | Fountain            | <1.0                 |
| 39A              | Near Room E2 (Left Center)   | Fountain            | <1.0                 |
| 39B              | Near Room E2 (Left Center)   | Fountain            | <1.0                 |
| 40A              | Near Room E2 (Right Center)  | Fountain            | <1.0                 |
| 40B              | Near Room E2 (Right Center)  | Fountain            | <1.0                 |
| 41A              | Near Room E2 (Right)         | Fountain            | <1.0                 |
| 41B              | Near Room E2 (Right)         | Fountain            | <1.0                 |

| <b>Sample ID</b> | <b>Location</b>               | <b>Water Source</b> | <b>Results (ppb)</b> |
|------------------|-------------------------------|---------------------|----------------------|
| 42A              | Near Room F21A (Left)         | Fountain            | <1.0                 |
| 42B              | Near Room F21A (Left)         | Fountain            | <1.0                 |
| 43A              | Near Room F21A (Left Center)  | Fountain            | <1.0                 |
| 43B              | Near Room F21A (Left Center)  | Fountain            | <1.0                 |
| 44A              | Near Room F21A (Right Center) | Fountain            | <1.0                 |
| 44B              | Near Room F21A (Right Center) | Fountain            | <1.0                 |
| 45A              | Near Room F21A (Right)        | Fountain            | <1.0                 |
| 45B              | Near Room F21A (Right)        | Fountain            | <1.0                 |



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



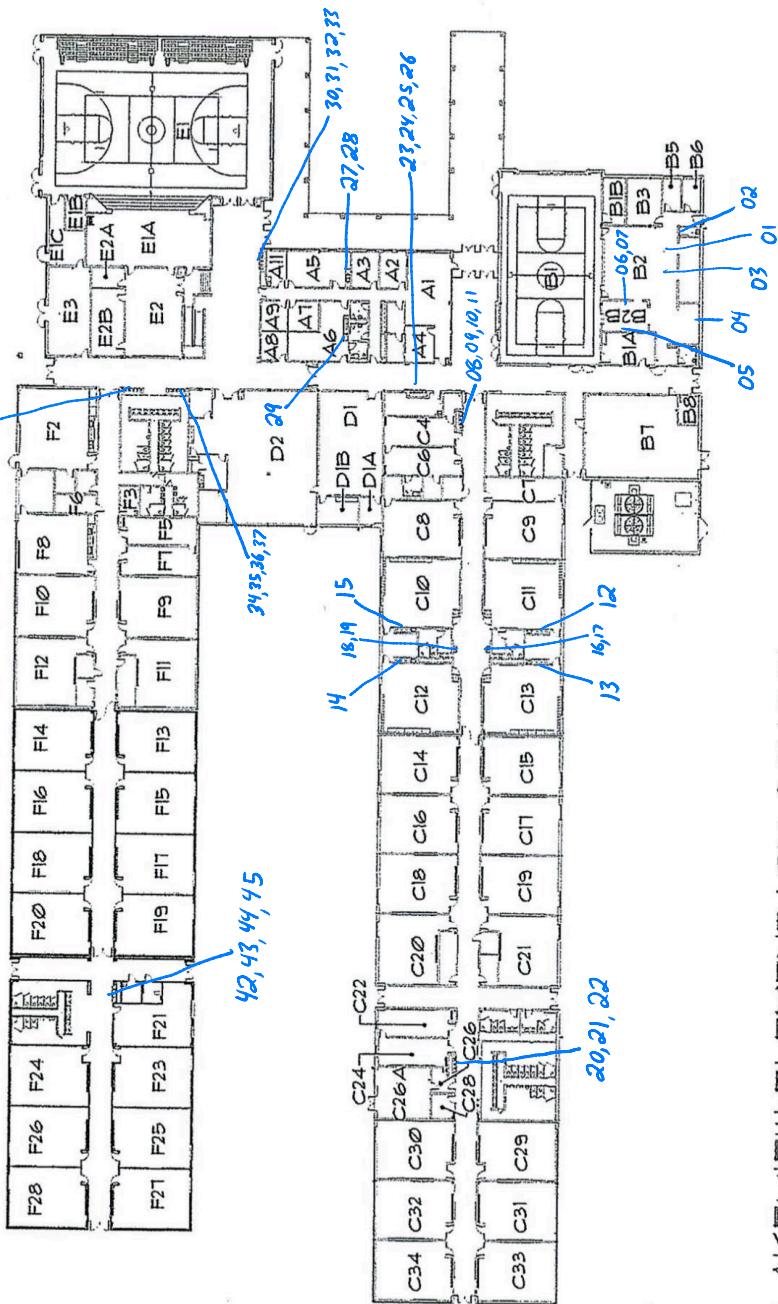
Water source is 5-19.9 ppb, but still displays evidence of lead. Recommendation is to re-test source on an annual basis at a minimum.

### **Sample Legend**

“A” = First Draw

“B” = Second Draw

38,39,40,41



# LAKEVIEW ELEMENTARY SCHOOL

## **APPENDIX B**

### **LABORATORY ANALYSIS**

October 27, 2023

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



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

**RE:** Wentzville SD Water Sampling 231000104 Lakeview

**WorkOrder:** 23101366

Dear Jim Yasitis:

TEKLAB, INC received 60 samples on 10/18/2023 8:27:00 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](mailto:mdarling@teklabinc.com)



## Report Contents

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

**Client:** Environmental Consultants, LLC

**Work Order:** 23101366

**Client Project:** Wentzville SD Water Sampling 231000104 Lakeview

**Report Date:** 27-Oct-23

**This reporting package includes the following:**

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

**Client:** Environmental Consultants, LLC

**Work Order:** 23101366

**Client Project:** Wentzville SD Water Sampling 231000104 Lakeview

**Report Date:** 27-Oct-23

### Abbr Definition

\* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)

**Client:** Environmental Consultants, LLC

**Work Order:** 23101366

**Client Project:** Wentzville SD Water Sampling 231000104 Lakeview

**Report Date:** 27-Oct-23

### Qualifiers

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





## Case Narrative

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

**Client:** Environmental Consultants, LLC

**Work Order:** 23101366

**Client Project:** Wentzville SD Water Sampling 231000104 Lakeview

**Report Date:** 27-Oct-23

**Cooler Receipt Temp:** NA °C

### Locations

#### Collinsville

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

#### Collinsville Air

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

#### Springfield

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

#### Chicago

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

#### Kansas City

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

**Client:** Environmental Consultants, LLC**Work Order:** 23101366**Client Project:** Wentzville SD Water Sampling 231000104 Lakeview**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: 23101366

Client Project: Wentzville SD Water Sampling 231000104 Lakeview

Report Date: 27-Oct-23

Matrix: DRINKING WATER

| Sample ID                                          | Client Sample ID | Certification | Qual | RL  | Result | Units | DF | Date Analyzed    | Date Collected  |
|----------------------------------------------------|------------------|---------------|------|-----|--------|-------|----|------------------|-----------------|
| EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL) |                  |               |      |     |        |       |    |                  |                 |
| Lead                                               |                  |               |      |     |        |       |    |                  |                 |
| 23101366-001A                                      | 01A              | NELAP         |      | 1.0 | 8.3    | µg/L  | 1  | 10/25/2023 7:19  | 10/18/2023 3:00 |
| 23101366-002A                                      | 01B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 13:40 | 10/18/2023 3:00 |
| 23101366-003A                                      | 02               | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 13:44 | 10/18/2023 3:00 |
| 23101366-004A                                      | 03A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 7:34  | 10/18/2023 3:00 |
| 23101366-005A                                      | 03B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 7:38  | 10/18/2023 3:00 |
| 23101366-006A                                      | 04A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 7:42  | 10/18/2023 3:00 |
| 23101366-007A                                      | 04B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 7:45  | 10/18/2023 3:00 |
| 23101366-008A                                      | 05A              | NELAP         |      | 1.0 | 3.8    | µg/L  | 1  | 10/25/2023 7:49  | 10/18/2023 3:00 |
| 23101366-009A                                      | 05B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 7:53  | 10/18/2023 3:00 |
| 23101366-010A                                      | 06A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 7:56  | 10/18/2023 3:00 |
| 23101366-011A                                      | 06B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 8:11  | 10/18/2023 3:00 |
| 23101366-012A                                      | 07A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 16:14 | 10/18/2023 3:00 |
| 23101366-013A                                      | 07B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 8:22  | 10/18/2023 3:00 |
| 23101366-014A                                      | 08A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 8:25  | 10/18/2023 3:00 |
| 23101366-015A                                      | 08B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 8:29  | 10/18/2023 3:00 |
| 23101366-016A                                      | 09A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 8:33  | 10/18/2023 3:00 |
| 23101366-017A                                      | 09B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 8:36  | 10/18/2023 3:00 |
| 23101366-018A                                      | 10A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 8:40  | 10/18/2023 3:00 |
| 23101366-019A                                      | 10B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 8:44  | 10/18/2023 3:00 |
| 23101366-020A                                      | 11A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 15:46 | 10/18/2023 3:00 |
| 23101366-021A                                      | 11B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 15:50 | 10/18/2023 3:00 |
| 23101366-022A                                      | 12A              | NELAP         |      | 1.0 | 2.2    | µg/L  | 1  | 10/24/2023 15:54 | 10/18/2023 3:00 |
| 23101366-023A                                      | 12B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 15:58 | 10/18/2023 3:00 |
| 23101366-024A                                      | 13A              | NELAP         |      | 1.0 | 2.4    | µg/L  | 1  | 10/24/2023 16:02 | 10/18/2023 3:00 |
| 23101366-025A                                      | 13B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 16:06 | 10/18/2023 3:00 |
| 23101366-026A                                      | 14A              | NELAP         |      | 1.0 | 2.6    | µg/L  | 1  | 10/24/2023 16:10 | 10/18/2023 3:00 |
| 23101366-027A                                      | 14B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 16:38 | 10/18/2023 3:00 |
| 23101366-028A                                      | 15A              | NELAP         |      | 1.0 | 1.1    | µg/L  | 1  | 10/24/2023 17:07 | 10/18/2023 3:00 |
| 23101366-029A                                      | 15B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 16:42 | 10/18/2023 3:00 |
| 23101366-030A                                      | 16A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 16:46 | 10/18/2023 3:00 |
| 23101366-031A                                      | 16B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 16:50 | 10/18/2023 3:00 |
| 23101366-032A                                      | 17A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 16:54 | 10/18/2023 3:00 |
| 23101366-033A                                      | 17B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 16:58 | 10/18/2023 3:00 |
| 23101366-034A                                      | 18A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 17:02 | 10/18/2023 3:00 |
| 23101366-035A                                      | 18B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 8:58  | 10/18/2023 3:00 |
| 23101366-036A                                      | 19A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 9:09  | 10/18/2023 3:00 |
| 23101366-037A                                      | 19B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 9:13  | 10/18/2023 3:00 |
| 23101366-038A                                      | 20A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 9:17  | 10/18/2023 3:00 |
| 23101366-039A                                      | 20B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 9:20  | 10/18/2023 3:00 |
| 23101366-040A                                      | 21A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 9:24  | 10/18/2023 3:00 |
| 23101366-041A                                      | 21B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 9:28  | 10/18/2023 3:00 |
| 23101366-042A                                      | 22A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 9:31  | 10/18/2023 3:00 |
| 23101366-043A                                      | 22B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 9:46  | 10/18/2023 3:00 |
| 23101366-044A                                      | 23A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 9:50  | 10/18/2023 3:00 |
| 23101366-045A                                      | 23B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 9:53  | 10/18/2023 3:00 |
| 23101366-046A                                      | 24A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 9:57  | 10/18/2023 3:00 |
| 23101366-047A                                      | 24B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 10:01 | 10/18/2023 3:00 |
| 23101366-048A                                      | 25A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 10:04 | 10/18/2023 3:00 |



## Laboratory Results

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

Client: Environmental Consultants, LLC

Work Order: 23101366

Client Project: Wentzville SD Water Sampling 231000104 Lakeview

Report Date: 27-Oct-23

Matrix: DRINKING WATER

| Sample ID                                          | Client Sample ID | Certification | Qual | RL  | Result | Units | DF | Date Analyzed    | Date Collected  |
|----------------------------------------------------|------------------|---------------|------|-----|--------|-------|----|------------------|-----------------|
| EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL) |                  |               |      |     |        |       |    |                  |                 |
| Lead                                               |                  |               |      |     |        |       |    |                  |                 |
| 23101366-049A                                      | 25B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 10:15 | 10/18/2023 3:00 |
| 23101366-050A                                      | 26A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/25/2023 10:19 | 10/18/2023 3:00 |
| 23101366-051A                                      | 26B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 19:25 | 10/18/2023 3:00 |
| 23101366-052A                                      | 27A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 19:29 | 10/18/2023 3:00 |
| 23101366-053A                                      | 27B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 19:33 | 10/18/2023 3:00 |
| 23101366-054A                                      | 28               | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 19:37 | 10/18/2023 3:00 |
| 23101366-055A                                      | 29A              | NELAP         |      | 1.0 | 1.1    | µg/L  | 1  | 10/24/2023 19:41 | 10/18/2023 3:00 |
| 23101366-056A                                      | 29B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 19:45 | 10/18/2023 3:00 |
| 23101366-057A                                      | 30A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 19:49 | 10/18/2023 3:00 |
| 23101366-058A                                      | 30B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 19:53 | 10/18/2023 3:00 |
| 23101366-059A                                      | 31A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 19:57 | 10/18/2023 3:00 |
| 23101366-060A                                      | 31B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/24/2023 20:01 | 10/18/2023 3:00 |



## Receiving Check List

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

Client: Environmental Consultants, LLC

Work Order: 23101366

Client Project: Wentzville SD Water Sampling 231000104 Lakeview

Report Date: 27-Oct-23

Carrier: Devon Rathbun

Received By: HAW

Completed by:

*Elizabeth A. Hurley*

Reviewed by:

*Ellie Hopkins*

On:

19-Oct-23

Elizabeth A. Hurley

On:

20-Oct-23

Ellie Hopkins

Pages to follow:

Chain of custody

6

Extra pages included

0

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C

NA

Type of thermal preservation?

None ☒

Ice ☐

Blue Ice ☐

Dry Ice

☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Reported field parameters measured:

Field ☐

Lab ☐

NA ☒

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

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

Water – at least one vial per sample has zero headspace?

Yes ☐

No ☐

No VOA vials ☒

Water - TOX containers have zero headspace?

Yes ☐

No ☐

No TOX containers ☒

Water - pH acceptable upon receipt?

Yes ☒

No ☐

NA ☐

NPDES/CWA TCN interferences checked/treated in the field?

Yes ☐

No ☐

NA ☒

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

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory.

pg. 1 of 9 Work Order # 23101300

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

Samples on: ☐ Ice ☐ Blue Ice ☒ No Ice NK °C  
Preserved in: ☒ Lab ☐ Field FOR LAB USE ONLY  
Lab Notes:  
  
Comments:  
Lakeview  
Please report in ppb.

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

[illegible]

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

WHITE - I AM VERY OLD AND AM NOT A GOOD MAN

pg. 2 of 9 Work Order # 231013100

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

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice \_\_\_\_\_ °C

Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY

Lab Notes:

Comments:

Latview

Please report in ppb.

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

[illegible]

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

WHITE - LAR YELLOW - GAMES WITH A DIFFERENCE



pg. 3 of 9 Work Order # 231013000

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

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

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice \_\_\_\_\_ °C

Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY

Lab Notes:

Comments:

Lokeview

Please report in ppb

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

[illegible]

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

WHITE - I AD      VPH 1 1/2 IN      - - -



pg. 4 of 9 Work Order # 23101300

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

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

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice \_\_\_\_\_ °C

Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY

Lab Notes:

---

Comments:

Lakeview

Please report in ppb.

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

[illegible]

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

WHITE LAB VERNER - - -



# CHAIN OF CUSTODY

pg. 6 of 9 Work Order # 23101300

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

Client: J.S. Held  
 Address: 6 Meadow Heights Prof Park  
 City / State / Zip: Collinsville, IL 62234  
 Contact: Jim Yasitis Phone: 618-344-3590  
 E-Mail: james.yasitis@jsheld.com Fax: 618-344-3597

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice

Preserved in: ☐ Lab ☐ Field **FOR LAB USE ONLY**

Lab Notes:

Comments:

Lakeview

Please report in ppb.

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

| Project Name / Number                                                                          |                       | Sample Collector's Name |        | MATRIX                   |      | INDICATE ANALYSIS REQUESTED    |     |      |                    |       |       |                |      |                |           |           |  |        |  |           |  |           |  |
|------------------------------------------------------------------------------------------------|-----------------------|-------------------------|--------|--------------------------|------|--------------------------------|-----|------|--------------------|-------|-------|----------------|------|----------------|-----------|-----------|--|--------|--|-----------|--|-----------|--|
| Wentzville SD Water Sampling<br>231000104                                                      |                       | Brad Frisch             |        |                          |      |                                |     |      |                    |       |       |                |      |                |           |           |  |        |  |           |  |           |  |
| Results Requested                                                                              |                       | Billing Instructions    |        | # and Type of Containers |      |                                |     |      |                    |       |       | Water          |      | Drinking Water |           | Soil      |  | Sludge |  | Sp. Waste |  | Lead (Pb) |  |
| <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 1-2 Day (100% Surcharge) |                       |                         |        |                          |      |                                |     |      |                    |       |       |                |      |                |           |           |  |        |  |           |  |           |  |
| <input type="checkbox"/> Other <input type="checkbox"/> 3 Day (50% Surcharge)                  |                       |                         |        |                          |      |                                |     |      |                    |       |       |                |      |                |           |           |  |        |  |           |  |           |  |
| Lab Use Only                                                                                   | Sample Identification | Date/Time Sampled       | UNPRES | HNO <sub>3</sub>         | NaOH | H <sub>2</sub> SO <sub>4</sub> | HCL | MeOH | NaHSO <sub>4</sub> | Other | Water | Drinking Water | Soil | Sludge         | Sp. Waste | Lead (Pb) |  |        |  |           |  |           |  |
| 23101300-051                                                                                   | 26B                   | 10-18-23 3:00           | X      |                          |      |                                |     |      |                    |       | X     |                |      |                |           | X         |  |        |  |           |  |           |  |
| 23101300-052                                                                                   | 27A                   |                         | X      |                          |      |                                |     |      |                    |       | X     |                |      |                |           | X         |  |        |  |           |  |           |  |
| 23101300-053                                                                                   | 27B                   |                         | X      |                          |      |                                |     |      |                    |       | X     |                |      |                |           | X         |  |        |  |           |  |           |  |
| 23101300-054                                                                                   | 28                    |                         | X      |                          |      |                                |     |      |                    |       | X     |                |      |                |           | X         |  |        |  |           |  |           |  |
| 23101300-055                                                                                   | 29A                   |                         | X      |                          |      |                                |     |      |                    |       | X     |                |      |                |           | X         |  |        |  |           |  |           |  |
| 23101300-056                                                                                   | 29B                   |                         | X      |                          |      |                                |     |      |                    |       | X     |                |      |                |           | X         |  |        |  |           |  |           |  |
| 23101300-057                                                                                   | 30A                   |                         | X      |                          |      |                                |     |      |                    |       | X     |                |      |                |           | X         |  |        |  |           |  |           |  |
| 23101300-058                                                                                   | 30B                   |                         | X      |                          |      |                                |     |      |                    |       | X     |                |      |                |           | X         |  |        |  |           |  |           |  |
| 23101300-059                                                                                   | 31A                   |                         | X      |                          |      |                                |     |      |                    |       | X     |                |      |                |           | X         |  |        |  |           |  |           |  |
| 23101300-060                                                                                   | 31B                   |                         | X      |                          |      |                                |     |      |                    |       | X     |                |      |                |           | X         |  |        |  |           |  |           |  |

| Relinquished By | Date / Time | Received By | Date / Time   |
|-----------------|-------------|-------------|---------------|
| Devon Rathsun   | 10-18-23    | Andrew W.   | 10/18/23 8:27 |
|                 |             |             |               |
|                 |             |             |               |
|                 |             |             |               |

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

WHITE - LAB YELLOW - FIELD

October 30, 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 Lakeview

**WorkOrder:** 23101649

Dear Jim Yasitis:

TEKLAB, INC received 28 samples on 10/18/2023 8:27:00 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](mailto:mdarling@teklabinc.com)



## Report Contents

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

**Client:** Environmental Consultants, LLC

**Work Order:** 23101649

**Client Project:** Wentzville SD Water Sampling 231000104 Lakeview

**Report Date:** 30-Oct-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 | 8        |
| Chain of Custody     | Appended |

**Client:** Environmental Consultants, LLC

**Work Order:** 23101649

**Client Project:** Wentzville SD Water Sampling 231000104 Lakeview

**Report Date:** 30-Oct-23

### Abbr Definition

\* Analytes on report marked with an asterisk are not NELAP accredited

**CCV** Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

**CRQL** A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

**DF** Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

**DNI** Did not ignite

**DUP** Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

**ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

**IDPH** IL Dept. of Public Health

**LCS** Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

**LCSD** Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

**MBLK** Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

**MDL** "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

**MS** Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

**MSD** Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

**MW** Molecular weight

**NC** Data is not acceptable for compliance purposes

**ND** Not Detected at the Reporting Limit

**NELAP** NELAP Accredited

**PQL** Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

**RL** The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

**RPD** Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

**SPK** The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

**Surr** Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

**TIC** Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

**TNTC** Too numerous to count (> 200 CFU)

**Client:** Environmental Consultants, LLC

**Work Order:** 23101649

**Client Project:** Wentzville SD Water Sampling 231000104 Lakeview

**Report Date:** 30-Oct-23

### Qualifiers

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





## Case Narrative

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

**Client:** Environmental Consultants, LLC

**Work Order:** 23101649

**Client Project:** Wentzville SD Water Sampling 231000104 Lakeview

**Report Date:** 30-Oct-23

**Cooler Receipt Temp:** NA °C

### Locations

#### Collinsville

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

#### Collinsville Air

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

#### Springfield

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

#### Chicago

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

#### Kansas City

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



**Client:** Environmental Consultants, LLC**Work Order:** 23101649**Client Project:** Wentzville SD Water Sampling 231000104 Lakeview**Report Date:** 30-Oct-23

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



## Laboratory Results

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

Client: Environmental Consultants, LLC

Work Order: 23101649

Client Project: Wentzville SD Water Sampling 231000104 Lakeview

Report Date: 30-Oct-23

Matrix: DRINKING WATER

| Sample ID                                          | Client Sample ID | Certification | Qual | RL  | Result | Units | DF | Date Analyzed    | Date Collected  |
|----------------------------------------------------|------------------|---------------|------|-----|--------|-------|----|------------------|-----------------|
| EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL) |                  |               |      |     |        |       |    |                  |                 |
| Lead                                               |                  |               |      |     |        |       |    |                  |                 |
| 23101649-001A                                      | 32A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/27/2023 8:08  | 10/18/2023 3:00 |
| 23101649-002A                                      | 32B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/27/2023 8:12  | 10/18/2023 3:00 |
| 23101649-003A                                      | 33A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/27/2023 8:17  | 10/18/2023 3:00 |
| 23101649-004A                                      | 33B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/27/2023 8:21  | 10/18/2023 3:00 |
| 23101649-005A                                      | 34A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/27/2023 8:25  | 10/18/2023 3:00 |
| 23101649-006A                                      | 34B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/27/2023 8:29  | 10/18/2023 3:00 |
| 23101649-007A                                      | 35A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/27/2023 8:38  | 10/18/2023 3:00 |
| 23101649-008A                                      | 35B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/27/2023 8:34  | 10/18/2023 3:00 |
| 23101649-009A                                      | 36A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/27/2023 9:12  | 10/18/2023 3:00 |
| 23101649-010A                                      | 36B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/27/2023 9:16  | 10/18/2023 3:00 |
| 23101649-011A                                      | 37A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/27/2023 9:21  | 10/18/2023 3:00 |
| 23101649-012A                                      | 37B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/27/2023 9:25  | 10/18/2023 3:00 |
| 23101649-013A                                      | 38A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/27/2023 9:29  | 10/18/2023 3:00 |
| 23101649-014A                                      | 38B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/27/2023 9:33  | 10/18/2023 3:00 |
| 23101649-015A                                      | 39A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/27/2023 9:38  | 10/18/2023 3:00 |
| 23101649-016A                                      | 39B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/26/2023 17:05 | 10/18/2023 3:00 |
| 23101649-017A                                      | 40A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/26/2023 17:09 | 10/18/2023 3:00 |
| 23101649-018A                                      | 40B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/26/2023 17:13 | 10/18/2023 3:00 |
| 23101649-019A                                      | 41A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/26/2023 17:17 | 10/18/2023 3:00 |
| 23101649-020A                                      | 41B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/26/2023 17:22 | 10/18/2023 3:00 |
| 23101649-021A                                      | 42A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/26/2023 17:26 | 10/18/2023 3:00 |
| 23101649-022A                                      | 42B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/26/2023 17:35 | 10/18/2023 3:00 |
| 23101649-023A                                      | 43A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/26/2023 17:30 | 10/18/2023 3:00 |
| 23101649-024A                                      | 43B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/26/2023 18:05 | 10/18/2023 3:00 |
| 23101649-025A                                      | 44A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/26/2023 18:09 | 10/18/2023 3:00 |
| 23101649-026A                                      | 44B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/26/2023 18:14 | 10/18/2023 3:00 |
| 23101649-027A                                      | 45A              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/26/2023 18:18 | 10/18/2023 3:00 |
| 23101649-028A                                      | 45B              | NELAP         |      | 1.0 | < 1.0  | µg/L  | 1  | 10/26/2023 18:22 | 10/18/2023 3:00 |



## Receiving Check List

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

Client: Environmental Consultants, LLC

Work Order: 23101649

Client Project: Wentzville SD Water Sampling 231000104 Lakeview

Report Date: 30-Oct-23

Carrier: Devon Rathbun

Received By: HAW

Completed by:

*Elizabeth A. Hurley*

Reviewed by:

*Ellie Hopkins*

On:

19-Oct-23

Elizabeth A. Hurley

On:

20-Oct-23

Ellie Hopkins

Pages to follow:

Chain of custody

3

Extra pages included

3

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C

NA

Type of thermal preservation?

None ☒

Ice ☐

Blue Ice ☐

Dry Ice

☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Reported field parameters measured:

Field ☐

Lab ☐

NA ☒

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

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

Water – at least one vial per sample has zero headspace?

Yes ☐

No ☐

No VOA vials ☒

Water - TOX containers have zero headspace?

Yes ☐

No ☐

No TOX containers ☒

Water - pH acceptable upon receipt?

Yes ☒

No ☐

NA ☐

NPDES/CWA TCN interferences checked/treated in the field?

Yes ☐

No ☐

NA ☒

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

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory. - ehurley - 10/19/2023 6:24:31 PM

pg. 7 of 9 Work Order # 231013100  
TE 911 12/5/33  
one: (618) 344-1004 ~ Fax: (618) 344-1005

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

Samples on: ☐ Ice ☐ Blue Ice ☒ No Ice NA °C  
 Preserved in: ☒ Lab ☐ Field FOR LAB USE ONLY  
 Lab Notes:  
 Comments:  
 Lakeview  
 Please report in ppb.

- | Project Name / Number                                                                                                                                                                 |                       | Sample Collector's Name                                                                                                                                                                                                       |  | MATRIX                   |                  | INDICATE ANALYSIS REQUESTED |                                |     |      |                    |       |       |   |                |  |      |  |        |  |           |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------|------------------|-----------------------------|--------------------------------|-----|------|--------------------|-------|-------|---|----------------|--|------|--|--------|--|-----------|--|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Results Requested                                                                                                                                                                     |                       | Billing Instructions                                                                                                                                                                                                          |  | # and Type of Containers |                  |                             |                                |     |      |                    |       | Water |   | Drinking Water |  | Soil |  | Sludge |  | Sp. Waste |  | Lead (Pb) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 1-2 Day (100% Surcharge)<br><input type="checkbox"/> Other _____ <input type="checkbox"/> 3 Day (50% Surcharge) |                       |                                                                                                                                                                                                                               |  | UNPRES                   | HNO <sub>3</sub> | NaOH                        | H <sub>2</sub> SO <sub>4</sub> | HCL | MeOH | NaHSO <sub>4</sub> | Other |       |   |                |  |      |  |        |  |           |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lab Use Only                                                                                                                                                                          | Sample Identification | Date/Time Sampled                                                                                                                                                                                                             |  |                          |                  |                             |                                |     |      |                    |       |       |   |                |  |      |  |        |  |           |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 230100104                                                                                                                                                                             | 32A                   | 10-18-23 3:00                                                                                                                                                                                                                 |  | X                        |                  |                             |                                |     |      |                    |       |       | X |                |  |      |  |        |  |           |  | X         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 230100104                                                                                                                                                                             | 32B                   | <div style="display: flex; justify-content: space-between;"> <div style="width: 45%; border-left: 1px solid black; height: 100px;"></div> <div style="width: 45%; border-left: 1px solid black; height: 100px;"></div> </div> |  | X                        |                  |                             |                                |     |      |                    |       |       | X |                |  |      |  |        |  |           |  | X         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 230100104                                                                                                                                                                             | 33A                   |                                                                                                                                                                                                                               |  | X                        |                  |                             |                                |     |      |                    |       |       | X |                |  |      |  |        |  |           |  | X         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 230100104                                                                                                                                                                             | 33B                   |                                                                                                                                                                                                                               |  | X                        |                  |                             |                                |     |      |                    |       |       | X |                |  |      |  |        |  |           |  | X         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 230100104                                                                                                                                                                             | 34A                   |                                                                                                                                                                                                                               |  | X                        |                  |                             |                                |     |      |                    |       |       | X |                |  |      |  |        |  |           |  | X         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 230100104                                                                                                                                                                             | 34B                   |                                                                                                                                                                                                                               |  | X                        |                  |                             |                                |     |      |                    |       |       | X |                |  |      |  |        |  |           |  | X         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 230100104                                                                                                                                                                             | 35A                   |                                                                                                                                                                                                                               |  | X                        |                  |                             |                                |     |      |                    |       |       | X |                |  |      |  |        |  |           |  | X         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 230100104                                                                                                                                                                             | 35B                   |                                                                                                                                                                                                                               |  | X                        |                  |                             |                                |     |      |                    |       |       | X |                |  |      |  |        |  |           |  | X         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 230100104                                                                                                                                                                             | 36A                   |                                                                                                                                                                                                                               |  | X                        |                  |                             |                                |     |      |                    |       |       | X |                |  |      |  |        |  |           |  | X         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 230100104                                                                                                                                                                             | 36B                   | X                                                                                                                                                                                                                             |  |                          |                  |                             |                                |     |      |                    | X     |       |   |                |  |      |  |        |  | X         |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |
- Relinquished By  
 Devon Rathbun

Date / Time  
 10-18-23

Received By  
 Devon Rathbun

Date / Time  
 10/18/23 827

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

WHITE - 1 AR      VEHICLE      CARRIAGE      2000



pg. 9 of 9 Work Order # 2310300 <sup>23101649</sup>

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

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice \_\_\_\_\_ °C

Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY

Lab Notes:

Comments:

*Lake view*

*Please report in ppb.*

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

[illegible]

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

VALUITE I AD VALORE = -

**TABLE 1**

**Drinking Water Sampling for Lead Content  
Wentzville R-IV School District  
Lakeview Elementary School  
Sampled: October 18, 2023**

| <b>Sample ID</b> | <b>Location</b>                         | <b>Water Source</b> | <b>Results (ppb)</b> |
|------------------|-----------------------------------------|---------------------|----------------------|
| 01A              | Kitchen- Pot Filler                     | Sink                |                      |
| 01B              | Kitchen- Pot Filler                     | Sink                |                      |
| 02               | Kitchen- Ice Machine                    | Ice Machine         |                      |
| 03A              | Kitchen- 2 Bay                          | Sink                |                      |
| 03B              | Kitchen- 2 Bay                          | Sink                |                      |
| 04A              | Kitchen- Single Bay                     | Sink                |                      |
| 04B              | Kitchen- Single Bay                     | Sink                |                      |
| 05A              | Kitchen- Dishwashing Area- Dish Sprayer | Sink                |                      |
| 05B              | Kitchen- Dishwashing Area- Dish Sprayer | Sink                |                      |
| 06A              | Kitchen- 3 Bay (Left)                   | Sink                |                      |
| 06B              | Kitchen- 3 Bay (Left)                   | Sink                |                      |
| 07A              | Kitchen- 3 Bay (Right)                  | Sink                |                      |
| 07B              | Kitchen- 3 Bay (Right)                  | Sink                |                      |
| 08A              | Near Room C4 (Left)                     | Fountain            |                      |
| 08B              | Near Room C4 (Left)                     | Fountain            |                      |
| 09A              | Near Room C4 (Left Center)              | Fountain            |                      |
| 09B              | Near Room C4 (Left Center)              | Fountain            |                      |
| 10A              | Near Room C4 (Right Center)             | Fountain            |                      |
| 10B              | Near Room C4 (Right Center)             | Fountain            |                      |
| 11A              | Near Room C4 (Right)                    | Fountain            |                      |
| 11B              | Near Room C4 (Right)                    | Fountain            |                      |
| 12A              | Room C11 Kindergarten                   | Sink                |                      |
| 12B              | Room C11 Kindergarten                   | Sink                |                      |
| 13A              | Room C13 Kindergarten                   | Sink                |                      |
| 13B              | Room C13 Kindergarten                   | Sink                |                      |
| 14A              | Room C12 Kindergarten                   | Sink                |                      |
| 14B              | Room C12 Kindergarten                   | Sink                |                      |
| 15A              | Room C10 Kindergarten                   | Sink                |                      |
| 15B              | Room C10 Kindergarten                   | Sink                |                      |
| 16A              | Near Room C11 (Left)                    | Fountain            |                      |
| 16B              | Near Room C11 (Left)                    | Fountain            |                      |
| 17A              | Near Room C11 (Right)                   | Fountain            |                      |
| 17B              | Near Room C11 (Right)                   | Fountain            |                      |
| 18A              | Near Room C12 (Left)                    | Fountain            |                      |
| 18B              | Near Room C12 (Left)                    | Fountain            |                      |

23101366/23101649

| Sample ID | Location                     | Water Source | Results (ppb) |
|-----------|------------------------------|--------------|---------------|
| 19A       | Near Room C12 (Right)        | Fountain     |               |
| 19B       | Near Room C12 (Right)        | Fountain     |               |
| 20A       | Near Room C26 (Left)         | Fountain     |               |
| 20B       | Near Room C26 (Left)         | Fountain     |               |
| 21A       | Near Room C26 (Right Center) | Fountain     |               |
| 21B       | Near Room C26 (Right Center) | Fountain     |               |
| 22A       | Near Room C26 (Right)        | Fountain     |               |
| 22B       | Near Room C26 (Right)        | Fountain     |               |
| 23A       | Near Room C2 (Left)          | Fountain     |               |
| 23B       | Near Room C2 (Left)          | Fountain     |               |
| 24A       | Near Room C2 (Left Center)   | Fountain     |               |
| 24B       | Near Room C2 (Left Center)   | Fountain     |               |
| 25A       | Near Room C2 (Right Center)  | Fountain     |               |
| 25B       | Near Room C2 (Right Center)  | Fountain     |               |
| 26A       | Near Room C2 (Right)         | Fountain     |               |
| 26B       | Near Room C2 (Right)         | Fountain     |               |
| 27A       | Room A5- Teacher's Lounge    | Sink         |               |
| 27B       | Room A5- Teacher's Lounge    | Sink         |               |
| 28        | Room A5- Teacher's Lounge    | Ice Machine  |               |
| 29A       | Room A6- Nurse's Office      | Sink         |               |
| 29B       | Room A6- Nurse's Office      | Sink         |               |
| 30A       | Near Room E1 (Left)          | Fountain     |               |
| 30B       | Near Room E1 (Left)          | Fountain     |               |
| 31A       | Near Room E1 (Left Center)   | Fountain     |               |
| 31B       | Near Room E1 (Left Center)   | Fountain     |               |
| 32A       | Near Room E1 (Right Center)  | Fountain     |               |
| 32B       | Near Room E1 (Right Center)  | Fountain     |               |
| 33A       | Near Room E1 (Right)         | Fountain     |               |
| 33B       | Near Room E1 (Right)         | Fountain     |               |
| 34A       | Near Room D2 (Left)          | Fountain     |               |
| 34B       | Near Room D2 (Left)          | Fountain     |               |
| 35A       | Near Room D2 (Left Center)   | Fountain     |               |
| 35B       | Near Room D2 (Left Center)   | Fountain     |               |
| 36A       | Near Room D2 (Right Center)  | Fountain     |               |
| 36B       | Near Room D2 (Right Center)  | Fountain     |               |
| 37A       | Near Room D2 (Right)         | Fountain     |               |
| 37B       | Near Room D2 (Right)         | Fountain     |               |
| 38A       | Near Room E2 (Left)          | Fountain     |               |
| 38B       | Near Room E2 (Left)          | Fountain     |               |
| 39A       | Near Room E2 (Left Center)   | Fountain     |               |
| 39B       | Near Room E2 (Left Center)   | Fountain     |               |
| 40A       | Near Room E2 (Right Center)  | Fountain     |               |
| 40B       | Near Room E2 (Right Center)  | Fountain     |               |
| 41A       | Near Room E2 (Right)         | Fountain     |               |
| 41B       | Near Room E2 (Right)         | Fountain     |               |

23101306/231016



| <b>Sample ID</b> | <b>Location</b>               | <b>Water Source</b> | <b>Results (ppb)</b> |
|------------------|-------------------------------|---------------------|----------------------|
| 42A              | Near Room F21A (Left)         | Fountain            |                      |
| 42B              | Near Room F21A (Left)         | Fountain            |                      |
| 43A              | Near Room F21A (Left Center)  | Fountain            |                      |
| 43B              | Near Room F21A (Left Center)  | Fountain            |                      |
| 44A              | Near Room F21A (Right Center) | Fountain            |                      |
| 44B              | Near Room F21A (Right Center) | Fountain            |                      |
| 45A              | Near Room F21A (Right)        | Fountain            |                      |
| 45B              | Near Room F21A (Right)        | Fountain            |                      |

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

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

#### **Sample Legend**

“A” = First Draw

“B” = Second Draw

## **APPENDIX C**

### **CREDENTIALS**



**STATE OF MISSOURI**  
**DEPARTMENT OF HEALTH AND SENIOR SERVICES**

**LEAD OCCUPATION LICENSE REGISTRATION**

Issued to:

**Bradley M. Frisch**

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

**Lead Risk Assessor**  
Category of License

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



*Paula F. Nickelson*

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

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



COLLEGE FOR  
**PUBLIC HEALTH & SOCIAL JUSTICE**

SAINT LOUIS UNIVERSITY

CENTER FOR ENVIRONMENTAL EDUCATION AND TRAINING

verifies that

**Brad Frisch**

2668 Kettering Court, Saint Charles, MO 63303

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

**Lead Risk Assessor Refresher**

St. Louis, MO

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

Examination Date: 3/7/2022

CEUs: 0.8

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

Center for Environmental Education and Training, 3545 Lafayette, St. Louis, MO 63104

(314) 977-8256 sls.edu/x39753.xml

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

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

**State of Missouri**  
**Department of Natural Resources**

**Certificate of Approval  
for Chemical Laboratory Service**

This is to certify that

**Teklab, Incorporated**

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

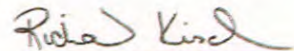
Certification Number 930

Date Issued December 13, 2021

Expiration Date January 31, 2025



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



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

**MISSOURI DEPARTMENT OF NATURAL RESOURCES**  
**DRINKING WATER LABORATORY**  
**CERTIFIED PARAMETER LIST**

This is to certify that

**Teklab, Incorporated**

located at

**5445 Horseshoe Lake Road, Collinsville, IL 62234**

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

**INORGANIC**

**EPA 335.4**

Total Cyanide

**EPA 353.2**

Nitrate, Nitrite, Total Nitrate and Nitrite

**EPA 245.1**

Mercury

**EPA 200.7**

Barium, Beryllium, Cadmium, Chromium, Copper, Nickel

**EPA 200.8**

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

**SM4500F-C**

Fluoride

**SM4500NO2-B**

Nitrite

**Teklab, Incorporated**

**Expiration Date: January 31, 2025**

**Missouri Certificate No.: 930**

**Original Certifying State: Illinois**



**STATE OF ILLINOIS**  
**ENVIRONMENTAL PROTECTION AGENCY**  
**NELAP - RECOGNIZED**  
**ENVIRONMENTAL LABORATORY ACCREDITATION**



is hereby granted to

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

**NELAP ACCREDITED**

Accreditation Number #100226



According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

Primary Accrediting Authority: Illinois

Millie Rose  
Supervisor  
Environmental Laboratory Accreditation Program

Certificate No: 1002262023-17

Expiration Date: 1/31/2024

Issued On: 4/11/2023

# State of Illinois Environmental Protection Agency

## Awards the Certificate of Approval to:

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

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

Certificate No.: 1002262023-17

Primary AB

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

#### Method EPA 120.1

Conductivity IL

#### Method EPA 1631E

Mercury IL

#### Method EPA 1664A Rev: 1

Oil & Grease IL

#### Method EPA 180.1 Rev: 2

Turbidity IL

#### Method EPA 200.7 Rev: 4.4

Aluminum IL

Antimony IL

Arsenic IL

Barium IL

Beryllium IL

Boron IL

Cadmium IL

Calcium IL

Chromium IL

Cobalt IL

Copper IL

Iron IL

Lead IL

Magnesium IL

Manganese IL

Molybdenum IL

Nickel IL

Phosphorus IL

Potassium IL

Selenium IL

Silver IL

Sodium IL

Thallium IL

Tin IL

Titanium IL

Vanadium IL

Zinc IL

#### Method EPA 200.8 Rev: 5.4

Aluminum IL



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

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

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

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

**Method EPA 615**

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

**Method EPA 624.1**

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

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

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

**Method EPA 625.1**

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

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

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

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

|                                                         |    |
|---------------------------------------------------------|----|
| Chloride                                                | IL |
| <b>Method SM 4500-F<sup>-</sup> C-2011</b>              |    |
| Fluoride                                                | IL |
| <b>Method SM 4500-H<sup>+</sup> B-2011</b>              |    |
| pH                                                      | IL |
| <b>Method SM 4500-NH<sub>3</sub> G-2011</b>             |    |
| Ammonia                                                 | IL |
| <b>Method SM 4500-NO<sub>2</sub><sup>-</sup> B-2011</b> |    |
| Nitrite                                                 | IL |
| <b>Method SM 4500-NO<sub>3</sub><sup>-</sup> F-2000</b> |    |
| Nitrate plus Nitrite as N                               | IL |
| <b>Method SM 4500-O G-2001</b>                          |    |
| Oxygen, dissolved                                       | IL |
| <b>Method SM 4500-P E-2011</b>                          |    |
| Orthophosphate as P                                     | IL |
| <b>Method SM 4500-S<sub>2</sub><sup>-</sup> D-2011</b>  |    |
| Sulfide                                                 | IL |
| <b>Method SM 4500-SO<sub>3</sub><sup>-</sup> B-2011</b> |    |
| Sulfite-SO <sub>3</sub>                                 | IL |
| <b>Method SM 5210 B-2011</b>                            |    |
| Biochemical oxygen demand                               | IL |
| Carbonaceous BOD, CBOD                                  | IL |
| <b>Method SM 5220 D-2011</b>                            |    |
| Chemical oxygen demand                                  | IL |
| <b>Method SM 5310 C-2011</b>                            |    |
| Total organic carbon                                    | IL |
| <b>Method SM 5540 C-2011</b>                            |    |
| Surfactants - MBAS                                      | IL |

**Field of Testing /Matrix: CWA (Solid & Hazardous Material)****Method EPA 160.4**

Residue-volatile IL

**Method EPA 245.1 Rev: 3**

Mercury IL

**Method EPA 351.2 Rev: 2**

Total Kjeldahl Nitrogen (TKN) IL

**Method EPA 353.2 Rev: 2**

Nitrate IL

Nitrate-nitrite IL

Nitrite as N IL

**Method EPA 365.4**

Phosphorus IL

**Method EPA 420.1**

Total phenolics IL

**Method EPA 608.3 GC-ECD**

4,4'-DDD IL

4,4'-DDE IL

4,4'-DDT IL

Aldrin IL

alpha-BHC (alpha-Hexachlorocyclohexane) IL

Aroclor-1016 (PCB-1016) IL

Aroclor-1221 (PCB-1221) IL

Aroclor-1232 (PCB-1232) IL

Aroclor-1242 (PCB-1242) IL

Aroclor-1248 (PCB-1248) IL

Aroclor-1254 (PCB-1254) IL

Aroclor-1260 (PCB-1260) IL

beta-BHC (beta-Hexachlorocyclohexane) IL

Chlordane (tech.)(N.O.S.) IL

delta-BHC IL

Dieldrin IL

Endosulfan I IL

Endosulfan II IL

Endosulfan sulfate IL

Endrin IL

Endrin aldehyde IL

gamma-BHC (Lindane, gamma-Hexachlorocyclohexane) IL

Heptachlor IL

Heptachlor epoxide IL

Methoxychlor IL

Toxaphene (Chlorinated camphene) IL

**Method EPA 624.1**

1,1,1-Trichloroethane IL

1,1,2,2-Tetrachloroethane IL

1,1,2-Trichloroethane IL

1,1-Dichloroethane IL

1,1-Dichloroethylene IL

1,2-Dichlorobenzene (o-Dichlorobenzene) IL

1,2-Dichloroethane (Ethylene dichloride) IL

1,2-Dichloropropane IL

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

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

**Method EPA 625.1**

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



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

|                                                         |    |
|---------------------------------------------------------|----|
| Benzo(g,h,i)perylene                                    | IL |
| Benzo(k)fluoranthene                                    | IL |
| bis(2-Chloroethoxy)methane                              | IL |
| bis(2-Chloroethyl) ether                                | IL |
| bis(2-Ethylhexyl) phthalate (DEHP)                      | IL |
| Butyl benzyl phthalate                                  | IL |
| Carbazole                                               | IL |
| Chrysene                                                | IL |
| Dibenz(a,h) anthracene                                  | IL |
| Diethyl phthalate                                       | IL |
| Dimethyl phthalate                                      | IL |
| Di-n-butyl phthalate                                    | IL |
| Di-n-octyl phthalate                                    | IL |
| Fluoranthene                                            | IL |
| Fluorene                                                | IL |
| Hexachlorobenzene                                       | IL |
| Hexachlorobutadiene                                     | IL |
| Hexachlorocyclopentadiene                               | IL |
| Hexachloroethane                                        | IL |
| Indeno(1,2,3-cd) pyrene                                 | IL |
| Isophorone                                              | IL |
| Naphthalene                                             | IL |
| Nitrobenzene                                            | IL |
| n-Nitrosodimethylamine                                  | IL |
| n-Nitrosodi-n-propylamine                               | IL |
| n-Nitrosodiphenylamine                                  | IL |
| Pentachlorophenol                                       | IL |
| Phenanthrene                                            | IL |
| Phenol                                                  | IL |
| Pyrene                                                  | IL |
| Pyridine                                                | IL |
| <b>Method SM 2340 B-1997</b>                            |    |
| Hardness                                                | IL |
| <b>Method SM 2540 C-1997</b>                            |    |
| Residue-filterable (TDS)                                | IL |
| <b>Method SM 2540 F-1997</b>                            |    |
| Residue-settleable                                      | IL |
| <b>Method SM 4500-Cl<sup>-</sup> C-1997</b>             |    |
| Chloride                                                | IL |
| <b>Method SM 4500-Cl<sup>-</sup> C-2011</b>             |    |
| Chloride                                                | IL |
| <b>Method SM 4500-Cl<sup>-</sup> E-2000</b>             |    |
| Chloride                                                | IL |
| <b>Method SM 4500-NO<sub>2</sub><sup>-</sup> B-2011</b> |    |
| Nitrite                                                 | IL |
| <b>Method SM 4500-NO<sub>3</sub><sup>-</sup> F-2000</b> |    |
| Nitrate plus Nitrite as N                               | IL |
| <b>Method SM 4500-P E-1999</b>                          |    |
| Orthophosphate as P                                     | IL |

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

**Method** SM 4500-SO<sub>3</sub><sup>-</sup> B-2000

Sulfite-SO<sub>3</sub>

IL

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

Ignitability IL

**Method EPA 1020B**

Ignitability IL

**Method EPA 1311 Rev: 0**

Toxicity Characteristic Leaching Procedure (TCLP) IL

**Method EPA 1312 Rev: 0**

Synthetic Precipitation Leaching Procedure (SPLP) IL

**Method EPA 6010B Rev: 2**

Aluminum IL

Antimony IL

Arsenic IL

Barium IL

Beryllium IL

Boron IL

Cadmium IL

Calcium IL

Chromium IL

Cobalt IL

Copper IL

Iron IL

Lead IL

Lithium IL

Magnesium IL

Manganese IL

Molybdenum IL

Nickel IL

Phosphorus IL

Potassium IL

Selenium IL

Silver IL

Sodium IL

Strontium IL

Thallium IL

Tin IL

Titanium IL

Vanadium IL

Zinc IL

**Method EPA 6020A Rev: 1**

Aluminum IL

Antimony IL

Arsenic IL

Barium IL

Beryllium IL

Boron IL

Cadmium IL

Calcium IL

Chromium IL

Cobalt IL

Copper IL

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

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

**Method EPA 7196A Rev: 1**

|             |    |
|-------------|----|
| Chromium VI | IL |
|-------------|----|

**Method EPA 7470A Rev: 1**

|         |    |
|---------|----|
| Mercury | IL |
|---------|----|

**Method EPA 8015B Rev: 2**

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

**Method EPA 8081B**

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

**Field of Testing /Matrix: RCRA (Non Potable Water)****Method EPA 8082 Rev: 0**

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

**Method EPA 8151A**

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

**Method EPA 8260B**

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

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

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

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

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

**Method EPA 8270C Rev: 3**

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

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

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



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

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

**Method EPA 8270C Mod LVI**

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

**Method EPA 9012A Rev: 1**

|         |    |
|---------|----|
| Cyanide | IL |
|---------|----|

**Method EPA 9014 Rev: 0**

|         |    |
|---------|----|
| Cyanide | IL |
|---------|----|

**Method EPA 9020B Rev: 2**

|                             |    |
|-----------------------------|----|
| Total organic halides (TOX) | IL |
|-----------------------------|----|

**Method EPA 9023 Rev: 0**

|                                    |    |
|------------------------------------|----|
| Extractable organics halides (EOX) | IL |
|------------------------------------|----|

**Method EPA 9036 Rev: 0**

|         |    |
|---------|----|
| Sulfate | IL |
|---------|----|

**Method EPA 9040B Rev: 2**

|    |    |
|----|----|
| pH | IL |
|----|----|

**Method EPA 9050A Rev: 1**

|              |    |
|--------------|----|
| Conductivity | IL |
|--------------|----|

**Method EPA 9060A**

|                      |    |
|----------------------|----|
| Total organic carbon | IL |
|----------------------|----|

**Method EPA 9065 Rev: 0**

|                 |    |
|-----------------|----|
| Total phenolics | IL |
|-----------------|----|

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**Field of Testing /Matrix: RCRA (Non Potable Water)****Method EPA 9066 Rev: 0**

Total phenolics

IL

**Method EPA 9095A**

Paint Filter Test

IL

**Method EPA 9214 Rev: 0**

Fluoride

IL

**Method EPA 9251 Rev: 0**

Chloride

IL

**Field of Testing /Matrix: RCRA (Solid & Hazardous Material)****Method EPA 1010A**

|              |    |
|--------------|----|
| Ignitability | IL |
|--------------|----|

**Method EPA 1020B**

|              |    |
|--------------|----|
| Ignitability | IL |
|--------------|----|

**Method EPA 1311 Rev: 0**

|                                                   |    |
|---------------------------------------------------|----|
| Toxicity Characteristic Leaching Procedure (TCLP) | IL |
|---------------------------------------------------|----|

**Method EPA 1312 Rev: 0**

|                                                   |    |
|---------------------------------------------------|----|
| Synthetic Precipitation Leaching Procedure (SPLP) | IL |
|---------------------------------------------------|----|

**Method EPA 6010B Rev: 2**

|            |    |
|------------|----|
| Aluminum   | IL |
| Antimony   | IL |
| Arsenic    | IL |
| Barium     | IL |
| Beryllium  | IL |
| Boron      | IL |
| Cadmium    | IL |
| Calcium    | IL |
| Chromium   | IL |
| Cobalt     | IL |
| Copper     | IL |
| Iron       | IL |
| Lead       | IL |
| Lithium    | IL |
| Magnesium  | IL |
| Manganese  | IL |
| Molybdenum | IL |
| Nickel     | IL |
| Phosphorus | IL |
| Potassium  | IL |
| Selenium   | IL |
| Silver     | IL |
| Sodium     | IL |
| Strontium  | IL |
| Thallium   | IL |
| Tin        | IL |
| Titanium   | IL |
| Vanadium   | IL |
| Zinc       | IL |

**Method EPA 6020A Rev: 1**

|           |    |
|-----------|----|
| Aluminum  | IL |
| Antimony  | IL |
| Arsenic   | IL |
| Barium    | IL |
| Beryllium | IL |
| Boron     | IL |
| Cadmium   | IL |
| Chromium  | IL |
| Cobalt    | IL |
| Copper    | IL |
| Iron      | IL |

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

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

**Method EPA 7196A Rev: 1**

|             |    |
|-------------|----|
| Chromium VI | IL |
|-------------|----|

**Method EPA 7471B**

|         |    |
|---------|----|
| Mercury | IL |
|---------|----|

**Method EPA 8015B Rev: 2**

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

**Method EPA 8081B**

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

**Method EPA 8082 Rev: 0**

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

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

**Method EPA 8151A**

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

**Method EPA 8260B**

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

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

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

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

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

**Method EPA 8270C Rev: 3**

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

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

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

**Method EPA 8270C Mod LVI**

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



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

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

**Method SM 2340 B Rev: 23rd ED**

|          |    |
|----------|----|
| Hardness | IL |
|----------|----|

**Field of Testing /Matrix: SDWA (Potable Water)****Method SM 2510 B Rev: 21st ED**

Conductivity

IL

**Method SM 2540 C Rev: 23rd ED**

Total dissolved solids

IL

**Method SM 4500-Cl G Rev: 20th ED**

Total chlorine

IL

**Method SM 4500-F<sup>-</sup> C Rev: 23rd ED**

Fluoride

IL

**Method SM 4500-H<sup>+</sup> B Rev: 21st ED**

pH

IL

**Method SM 4500-NO<sub>2</sub><sup>-</sup> B Rev: 23rd ED**

Nitrite

IL

**Method SM 4500-P E Rev: 23rd ED**

Orthophosphate as P

IL

**Method SM 4500-SiO<sub>2</sub> D Rev: 23rd ED**Silica as SiO<sub>2</sub>

IL

**Method SM 5310 C Rev: 21st ED**

Dissolved organic carbon (DOC)

IL

Total organic carbon

IL

**End of Scope of Accreditation**

