

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

**ADMINISTRATION OFFICE/EARLY CHILDHOOD
9417 SOUTH BROADWAY
ST. LOUIS, MISSOURI 63125**

PREPARED FOR:

**MR. NICK KANZLER
DIRECTOR OF FACILITIES
HANCOCK PLACE SCHOOL DISTRICT
9417 SOUTH BROADWAY
ST. LOUIS, MISSOURI 63125**

PREPARED BY:

**ENVIRONMENTAL CONSULTANTS, LLC
#6 MEADOW HEIGHTS PROFESSIONAL PARK
COLLINSVILLE, ILLINOIS 62234
(618) 343-3590**

JUNE 8, 2023

DOCUMENT TO BE RETAINED INDEFINITELY

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Hancock Place School District
Administration/Early Childhood
9417 South Broadway
St. Louis, Missouri 63125

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EXECUTIVE SUMMARY



ENVIRONMENTAL CONSULTANTS, LLC

Illinois Office

#6 Meadow Heights Professional Park Drive
Collinsville, Illinois 62234
Phone (618) 343-3590
Fax: (618) 343-3597

June 8, 2023

Mr. Nick Kanzler
Director of Facilities
Hancock Place School District
9417 South Broadway
St. Louis, Missouri

Subject: Results of Drinking Water Testing for Lead Content

**Site(s): Hancock Administration/Early Childhood
9417 South Broadway
St. Louis, Missouri 63125**

Dear Mr. Kanzler,

On the morning of May 18, 2023, Environmental Consultants, LLC (EC) performed lead testing of multiple water sources at the Hancock Administration/Early Childhood located at 9417 South Broadway in S. Louis, Missouri. 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 is included as Appendix C to this document.

All samples were collected on a "first 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. EC proposes to collect a second sample from each source as a "follow-up sample" per the Missouri Senate Bill 681 requirements. The "follow-up" sample is collected from the source after the water has been flushed for 30 seconds. As such, EC inspectors propose to meet at the school at 5:00 a.m., or earlier, to collect water samples before the systems are used by staff or students. Regardless of water sampling results, the local health departments 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. *The district will be required to document the last known time each water fixture was utilized prior to sampling.*

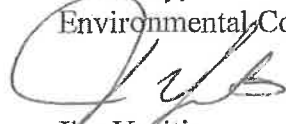
Drinking water samples were collected from twenty-three (23) different locations throughout Hancock Administration/Early Childhood during the sampling event. The water samples were collected from all fixtures potentially utilized for cooking or drinking activities at the campus. After sample collection, 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 Missouri 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. **All samples collected from the selected locations at the Hancock Administration/Early Childhood reported sample results which were lower than the USEPA action level.** This information can be found under the National Primary Drinking Water Regulations provided by the EPA, CFR 2010 Title 40. The Missouri Senate Bill 1075 requires potable plumbing fixtures to be less than 5.0 ppb, if 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 levels are reported below 5 ppb. **No samples collected from the selected locations at the Hancock Administration/Early Childhood reported sample results above 5 ppb** (See Appendix A and B for Sample Results) The district will be required to test this facility again within 5 years of this original testing.

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

EC is pleased to provide this information to Hancock Place 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,
Environmental Consultants, LLC



Jim Yasitis
Principal

APPENDIX A
SAMPLE LOCATIONS & RESULTS

Hancock Central Office/ ECC
9417 South Broadway
St. Louis, MO 63125



Prep Day: 5/17/23
Sample Day: 5/18/23
To Lab -----> 5/18/23

# to Test =	23
# Disabled =	0
# of Samples =	47
# > 10.0 ppb =	0
# > 5.0 ppb =	0

* Reporting Limit

Source	Sample ID #	Sample Type	Sample Location	Source Notes	RL *	Lead Test Result
01	(A)	S	Front Office Kitchen		1.0	<1.0
	(B)				1.0	<1.0
	(C)				1.0	<1.0
02	(A)	F	Water Fountain - Left		1.0	<1.0
	(B)				1.0	<1.0
03	(A)	F	Water Fountain - Right		1.0	<1.0
	(B)				1.0	<1.0
04	(A)	S	Pre-K Teachers Lounge		1.0	<1.0
	(B)				1.0	<1.0
05	(A)	F	Water Fountain - Left		1.0	<1.0
	(B)				1.0	<1.0
06	(A)	F	Water Fountain - Right		1.0	<1.0
	(B)				1.0	1.2
07	(A)	S	Room 103		1.0	<1.0
	(B)				1.0	<1.0
08	(A)	S	Room 103 Restroom		1.0	<1.0
	(B)				1.0	<1.0
09	(A)	S	Room 105		1.0	1.2
	(B)				1.0	<1.0
10	(A)	S	Room 105 Restroom		1.0	<1.0
	(B)				1.0	<1.0
11	(A)	S	Room 125		1.0	<1.0
	(B)				1.0	<1.0

Source	Sample ID #	Sample Type	Sample Location	Source Notes	RL *	Lead Test Result
12	(A)	S	Room 125 Restroom		1.0	4.5
	(B)				1.0	<1.0
13	(A)	F	Water Fountain - Left		1.0	<1.0
	(B)				1.0	<1.0
14	(A)	F	Water Fountain - Right		1.0	<1.0
	(B)				1.0	<1.0
15	(A)	S	Room 115		1.0	<1.0
	(B)				1.0	<1.0
16	(A)	S	Room 115 Restroom		1.0	<1.0
	(B)				1.0	<1.0
17	(A)	S	Room 116		1.0	<1.0
	(B)				1.0	<1.0
18	(A)	S	Room 116 Restroom		1.0	<1.0
	(B)				1.0	<1.0
19	(A)	S	Health Clinic Restroom		1.0	2.8
	(B)				1.0	<1.0
20	(A)	S	Health Clinic Treatment Room 1		1.0	4.9
	(B)				1.0	<1.0
21	(A)	S	Health Clinic Treatment Room 2		1.0	1.4
	(B)				1.0	<1.0
22	(A)	S	Girls Restroom - Hand Sink		1.0	<1.0
	(B)				1.0	<1.0
23	(A)	S	Boys Restroom - Hand Sink		1.0	2.7
	(B)				1.0	<1.0

Sample ID Coding Key:

F = Fountain

S = Sink

- (A) = 1st Sample
- (B) = 2nd Sample (30 Seconds Later)
- (C) = 3rd Sample (3 Minutes Later)

CO & PS Building



APPENDIX B
LABORATORY ANALYSIS

June 06, 2023

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



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

RE: Hancock SD CO-PS

WorkOrder: 23051345

Dear Jeff Faust:

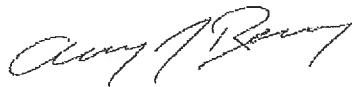
TEKLAB, INC received 47 samples on 5/18/2023 08:38:00 for the analysis presented in the following report.

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,



Aaron Renner
Project Manager
(630)324-6855
arenner@teklabinc.com



Report Contents

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

Client: Environmental Consultants, LLC

Work Order: 23051345

Client Project: Hancock SD CO-PS

Report Date: 06-Jun-23

This reporting package includes the following:

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Chain of Custody	Appended



Definitions

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

Client: Environmental Consultants, LLC

Work Order: 23051345

Client Project: Hancock SD CO-PS

Report Date: 06-Jun-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.
- LCS D Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
- MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
- MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
- MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MW Molecular weight
- NC Data is not acceptable for compliance purposes
- ND Not Detected at the Reporting Limit
- NELAP NELAP Accredited
- PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
- RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
- RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
- SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
- Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
- TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
- TNTC Too numerous to count (> 200 CFU)



Definitions

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

Client: Environmental Consultants, LLC

Work Order: 23051345

Client Project: Hancock SD CO-PS

Report Date: 06-Jun-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: 23051345

Client Project: Hancock SD CO-PS

Report Date: 06-Jun-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 BFurley@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 Nicman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com



Accreditations

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

Client: Environmental Consultants, LLC

Work Order: 23051345

Client Project: Hancock SD CO-PS

Report Date: 06-Jun-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	6/30/2023	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2023	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2023	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2023	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: 23051345

Client Project: Hancock SD CO-PS

Report Date: 06-Jun-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									
23051345-001A	1A	NELAP		1.0	< 1.0	µg/L	1	06/01/2023 17:07	05/18/2023 00:00
23051345-002A	1B	NELAP		1.0	< 1.0	µg/L	1	06/01/2023 17:13	05/18/2023 00:00
23051345-003A	1C	NELAP		1.0	< 1.0	µg/L	1	06/01/2023 17:18	05/18/2023 00:00
23051345-004A	2A	NELAP		1.0	< 1.0	µg/L	1	06/01/2023 17:24	05/18/2023 00:00
23051345-005A	2B	NELAP		1.0	< 1.0	µg/L	1	06/01/2023 17:30	05/18/2023 00:00
23051345-006A	3A	NELAP		1.0	< 1.0	µg/L	1	06/01/2023 18:04	05/18/2023 00:00
23051345-007A	3B	NELAP		1.0	< 1.0	µg/L	1	06/01/2023 18:10	05/18/2023 00:00
23051345-008A	4A	NELAP		1.0	< 1.0	µg/L	1	06/01/2023 18:16	05/18/2023 00:00
23051345-009A	4B	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 16:13	05/18/2023 00:00
23051345-010A	5A	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 16:18	05/18/2023 00:00
23051345-011A	5B	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 16:22	05/18/2023 00:00
23051345-012A	6A	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 16:27	05/18/2023 00:00
23051345-013A	6B	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 16:31	05/18/2023 00:00
23051345-014A	7A	NELAP		1.0	1.2	µg/L	1	05/31/2023 16:36	05/18/2023 00:00
23051345-015A	7B	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 16:45	05/18/2023 00:00
23051345-016A	8A	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 16:40	05/18/2023 00:00
23051345-017A	8B	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 17:12	05/18/2023 00:00
23051345-018A	9A	NELAP		1.0	1.2	µg/L	1	05/31/2023 17:16	05/18/2023 00:00
23051345-019A	9B	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 17:21	05/18/2023 00:00
23051345-020A	10A	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 17:25	05/18/2023 00:00
23051345-021A	10B	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 17:30	05/18/2023 00:00
23051345-022A	11A	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 17:34	05/18/2023 00:00
23051345-023A	11B	NELAP		1.0	< 1.0	µg/L	1	06/01/2023 18:21	05/18/2023 00:00
23051345-024A	12A	NELAP		1.0	4.5	µg/L	1	06/01/2023 18:27	05/18/2023 00:00
23051345-025A	12B	NELAP		1.0	< 1.0	µg/L	1	06/02/2023 14:59	05/18/2023 00:00
23051345-026A	13A	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 18:01	05/18/2023 00:00
23051345-027A	13B	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 18:06	05/18/2023 00:00
23051345-028A	14A	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 18:10	05/18/2023 00:00
23051345-029A	14B	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 18:15	05/18/2023 00:00
23051345-030A	15A	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 18:19	05/18/2023 00:00
23051345-031A	15B	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 18:24	05/18/2023 00:00
23051345-032A	16A	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 18:28	05/18/2023 00:00
23051345-033A	16B	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 19:00	05/18/2023 00:00
23051345-034A	17A	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 19:05	05/18/2023 00:00
23051345-035A	17B	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 19:32	05/18/2023 00:00
23051345-036A	18A	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 19:09	05/18/2023 00:00
23051345-037A	18B	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 19:14	05/18/2023 00:00
23051345-038A	19A	NELAP		1.0	2.8	µg/L	1	05/31/2023 19:18	05/18/2023 00:00
23051345-039A	19B	NELAP		1.0	< 1.0	µg/L	1	06/01/2023 18:33	05/18/2023 00:00
23051345-040A	20A	NELAP		1.0	4.9	µg/L	1	05/31/2023 19:27	05/18/2023 00:00
23051345-041A	20B	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 19:59	05/18/2023 00:00
23051345-042A	21A	NELAP		1.0	1.4	µg/L	1	05/31/2023 20:03	05/18/2023 00:00
23051345-043A	21B	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 20:08	05/18/2023 00:00
23051345-044A	22A	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 20:12	05/18/2023 00:00
23051345-045A	22B	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 20:30	05/18/2023 00:00
23051345-046A	23A	NELAP		1.0	2.7	µg/L	1	05/31/2023 20:17	05/18/2023 00:00
23051345-047A	23B	NELAP		1.0	< 1.0	µg/L	1	05/31/2023 20:21	05/18/2023 00:00



Receiving Check List

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

Client: Environmental Consultants, LLC

Work Order: 23051345

Client Project: Hancock SD CO-PS

Report Date: 06-Jun-23

Carrier: Employee

Received By: MBP

Completed by:

On:

18-May-23

Allison Colin

Reviewed by:

On:

18-May-23

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

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

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

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

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

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

14B was received and added to the chain of custody. Client was notified via work order summary. - ehurley - 5/18/2023 5:32:40 PM

CHAIN OF CUSTODY

Pg 1 of 5 Workorder # 230513415

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

Client: Environmental Consultants, LLC
 Address: #6 Meadow Heights Professional Park
 City/State/Zip: Collinsville, IL 62234
 Contact: Jeff Faust/ Jim Yasifis Phone: (618) 343-3590
 Email: jeff@environmentalconsultantsllc.com Fax:

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 the comment section: Yes No

PROJECT NAME/NUMBER
 Hancock SD CO-PS

SAMPLE COLLECTOR'S NAME
 James Earle

RESULTS REQUESTED
 Standard 1-2 Day (100% Surcharge)
 Other 3 Day (50% Surcharge)

Lab Use Only	Sample ID	Date/Time Sampled	Matrix
001	1A	5-18-23	Drinking Water
002	1B		Drinking Water
003	1C		Drinking Water
004	2A		Drinking Water
005	2B		Drinking Water
006	3A		Drinking Water
007	3B		Drinking Water
008	4A		Drinking Water
009	4B		Drinking Water
010	5A		Drinking Water
011	5B		Drinking Water

Relinquished By: *Jeff Faust* Date/Time: 5-18-23 8:38

Samples on: ICE BLUE ICE NO ICE °C
 Preserved in: LAB FIELD FOR LAB USE ONLY

Client Comments:
 Please Report in PPB.
 Also, please add Jim Yasifis to the email.
 Jim@environmentalconsultantsllc.com

# and Type of Containers	INDICATE ANALYSIS REQUESTED
UNP	<input checked="" type="checkbox"/>
HNO3	
NaOH	
H2SO4	
HCL	
MeOH	
NaHSO4	
TSP	
Other	
Lead	<input checked="" type="checkbox"/>

Received By: *Margaret Klein* Date/Time: 5-18-23 8:38

*The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions

CHAIN OF CUSTODY

Pg 2 of 5 Workorder # 13051345

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

Client: Environmental Consultants, LLC
 Address: #6 Meadow Heights Professional Park
 City/State/Zip: Collinsville, IL 62234
 Contact: Jeff Fausl/ Jim Yasitis Phone: (618) 343-3590
 Email: jeff@environmentalconsultantsllc.com Fax:

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 the comment section: Yes No

PROJECT NAME/NUMBER: Hancock SD CO-PS
 SAMPLE COLLECTOR'S NAME: James Earle

RESULTS REQUESTED: Standard 12 Day (100% Surcharge) 3 Day (50% Surcharge)
 BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix
13051345-012	6A	5/18/23	Drinking Water
013	6B		Drinking Water
014	7A		Drinking Water
015	7B		Drinking Water
016	8A		Drinking Water
017	8B		Drinking Water
018	9A		Drinking Water
019	9B		Drinking Water
020	10A		Drinking Water
021	10B		Drinking Water
022	11A		Drinking Water

Relinquished By: *[Signature]* Date/Time: 5-18-23 8:38

Samples on: ICE BLUE ICE NO ICE _____ °C
 Preserved in: LAB FIELD FOR LAB USE ONLY
 LAB NOTES:

Client Comments:

Please Report in PFPB.
 Also, please add Jim Yasitis to the email.
 jim@environmentalconsultantsllc.com

# and Type of Containers	INDICATE ANALYSIS REQUESTED
UNP	
HNO3	
NaOH	
H2SO4	
HCL	
MeOH	
NaHSO4	
TSP	
Other	
Lead	<input checked="" type="checkbox"/>

Received By: *[Signature]* Date/Time: 5/18/23 8:38

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CHAIN OF CUSTODY

Pg 2 of 5 Workorder # 23051345

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

Client: Environmental Consultants, LLC
 Address: #6 Meadow Heights Professional Park
 City/State/Zip: Collinsville, IL 62234
 Contact: Jeff Fausi/ Jim Yasitis Phone: (618) 343-3590
 Email: jeff@environmentalconsultantsllc.com Fax:

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 the comment section: Yes No

PROJECT NAME/NUMBER: Hancock SD CO-PS
 SAMPLE COLLECTOR'S NAME: James Earle

Lab Use Only	Sample ID	Date/Time Sampled	Matrix
023	11 B	5-18-73	Drinking Water
024	12 A		Drinking Water
025	12 B		Drinking Water
026	13 A		Drinking Water
027	13 B		Drinking Water
028/029	14 A / 14 B		Drinking Water
030	15 A		Drinking Water
031	15 B		Drinking Water
032	16 A		Drinking Water
033	16 B		Drinking Water
034	17 A		Drinking Water

RESULTS REQUESTED: Standard 1-2 Day (100% Surcharge) 3 Day (50% Surcharge)
 BILLING INSTRUCTIONS: [Blank]
 Relinquished By: [Signature] Date/Time: 5-18-73 8:38
 Received By: [Signature] Date/Time: 5/18/73 038

Samples on: ICE BLUE ICE NO ICE _____ °C
 Preserved in: LAB FIELD FOR LAB USE ONLY
 LAB NOTES: *LAB received. Sat 5/18/73

Client Comments: Please Report in PPE.
 Also, please add Jim Yasitis to the email. Jim@environmentalconsultantsllc.com

# and Type of Containers	INDICATE ANALYSIS REQUESTED
UNP	<input checked="" type="checkbox"/>
HNO3	<input type="checkbox"/>
NaOH	<input type="checkbox"/>
H2SO4	<input type="checkbox"/>
HCL	<input type="checkbox"/>
MeOH	<input type="checkbox"/>
NaHSO4	<input type="checkbox"/>
TSP	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>
Lead	<input type="checkbox"/>

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CHAIN OF CUSTODY

Pg 4 of 5 Workorder # 230513415

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

Client: Environmental Consultants, LLC
 Address: #6 Meadow Heights Professional Park
 City/State/Zip: Collinsville, IL 62234
 Contact: Jeff Faust/ Jim Yasitis Phone: (618) 343-3690
 Email: jeff@environmentalconsultantsllc.com Fax:

Samples on: ICE BLUE ICE NO ICE _____ °C
 Preserved in: LAB FIELD FOR LAB USE ONLY
 LAB NOTES:

Client Comments:
 Please Report in PPB.
 Also, please add Jim Yasitis to the email.
 jim@environmentalconsultantsllc.com

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 the comment section: Yes No

PROJECT NAME/NUMBER Hancock SD CO-PS
 SAMPLE COLLECTOR'S NAME James Earle

RESULTS REQUESTED Standard 1-2 Day (100% Surcharge) 3 Day (50% Surcharge)
 Other

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	BILLING INSTRUCTIONS
23051345-034 176	17 B	5-18-23	Drinking Water	
036 035	18 A		Drinking Water	
037 030	18 B		Drinking Water	
038 037	19 A		Drinking Water	
039 038	19 B		Drinking Water	
040 039	20 A		Drinking Water	
041 040	20 B		Drinking Water	
042 041	21 A		Drinking Water	
043 042	21 B		Drinking Water	
044 043	22 A		Drinking Water	
045 044	22 B		Drinking Water	

# and Type of Containers	INDICATE ANALYSIS REQUESTED	Date/Time
UNP	<input checked="" type="checkbox"/>	
HNO3		
NaOH		
H2SO4		
HCL		
MeOH		
NaHSO4		
TSP		
Other		
Lead	<input checked="" type="checkbox"/>	

Relinquished By: [Signature]
 Date/Time: 5-18-23 8:38
 Received By: [Signature]
 Date/Time: 5/18/23 8:38

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CHAIN OF CUSTODY

Page 2 of 2 Workorder # 13051345

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

Client: Environmental Consultants, LLC
 Address: #6 Meadow Heights Professional Park
 City/State/Zip: Collinsville, IL 62234
 Contact: Jeff Faust/ Jim Yasitis Phone: (618) 343-3580
 Email: jeff@environmentalconsultantsllc.com Fax:

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 the comment section: Yes No

PROJECT NAME/NUMBER: Hancock SD CO-PS
 SAMPLE COLLECTOR'S NAME: James Earle

Lab Use Only	Sample ID	Date/Time Sampled	Matrix
23051345-045 046	23 A	5/18/23	Drinking Water
046 047	23 B		Drinking Water
TE 048-048/23			Drinking Water
			Drinking Water
			Drinking Water
			Drinking Water
			Drinking Water
			Drinking Water
			Drinking Water
			Drinking Water
			Drinking Water
			Drinking Water

RESULTS REQUESTED: Standard 1-2 Day (100% Surcharge) 3 Day (50% Surcharge)
 Other: Other

INDICATE ANALYSIS REQUESTED

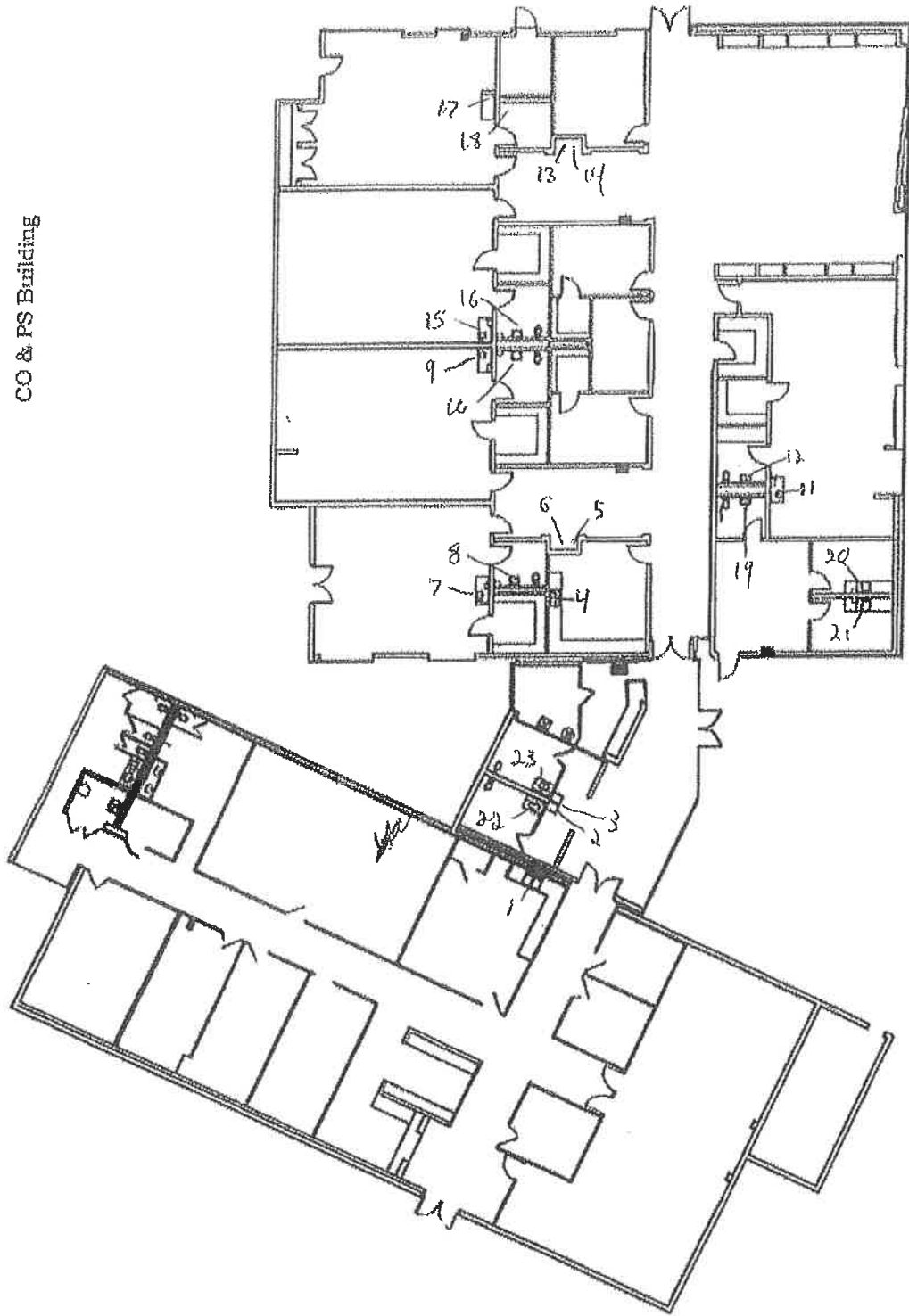
UNP	<input checked="" type="checkbox"/>
HNO3	<input type="checkbox"/>
NaOH	<input type="checkbox"/>
H2SO4	<input type="checkbox"/>
HCL	<input type="checkbox"/>
MeOH	<input type="checkbox"/>
NaHSO4	<input type="checkbox"/>
TSP	<input type="checkbox"/>
Other	<input type="checkbox"/>
Lead	<input checked="" type="checkbox"/>

Client Comments: Please Report in PPB.
 Also, please add Jim Yasitis to the email. jim@environmentalconsultantsllc.com

Reinquished By: [Signature] Date/Time: 5-18-23 8:38
 Received By: [Signature] Date/Time: 5/18/23 8:38

*The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions

CO & PS Building



**APPENDIX C
CREDENTIALS**

STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES

LEAD OCCUPATION LICENSE REGISTRATION

Issued to:

James T. Earle

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: 7/30/2022
Expiration Date: 7/30/2024
License Number: 180730-300005561



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

James Earle

7484 Ahern Ct., University City, MO 63130

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 - 117401
Examination Date: 3/7/2022
CEUs: 0.8

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

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

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

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

COLLEGE FOR
PUBLIC HEALTH & SOCIAL JUSTICE
SAINT LOUIS UNIVERSITY

CENTER FOR ENVIRONMENTAL EDUCATION AND TRAINING

verifies that

Lars Johansson

4949 Parker Avenue Unit A, Saint Louis, Missouri 63139

has attended 24 contact hours of training and successfully passed an examination

Lead Inspector Initial

St. Louis, MO

Certificate # CEET 310 - 2/8/2021 - 191101

Examination Date: 2/10/2021

CEUs: 2.4

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

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

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

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

State of Missouri
Department of Natural Resources

Certificate of Approval
for Chemical Laboratory Service

This is to certify that


Teklab, Incorporated

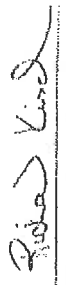
is hereby approved to perform the analysis of drinking water as specified on the
Certified Parameter List, which must accompany this certificate to be valid.

Certification Number 930

Date Issued December 13, 2021

Expiration Date January 31, 2025


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


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

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DRINKING WATER LABORATORY
CERTIFIED PARAMETER LIST

This is to certify that

Teklab, Incorporated

located at

5445 Horseshoe Lake Road, Collinsville, IL 62234

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

INORGANIC

EPA 335.4

Total Cyanide

EPA 353.2

Nitrate, Nitrite, Total Nitrate and Nitrite

EPA 245.1

Mercury

EPA 200.7

Barium, Beryllium, Cadmium, Chromium, Copper, Nickel

EPA 200.8

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

SM4500F-C

Fluoride

SM4500NO2-B

Nitrite

Teklab, Incorporated

Expiration Date: January 31, 2025

Missouri Certificate No.: 930

Original Certifying State: Illinois

