OCCU-TEC
Protecting People, Places and Performance

2604 NE Industrial Dr., Ste. 230
North Kansas City, MO 64117

May 7, 2024

Mr. Kevin Piel
Fox C-6 School District
745 Jeffco Boulevard
Arnold, MO 63010

RE: Drinking Water Sampling – Clyde Hamrick Elementary School
4525 Four Ridge Road, Imperial, MO 63052
Project Number: 923294

Mr. Kevin Piel,

OCCU-TEC, Inc. (OCCU-TEC) is pleased to present the following report for drinking water sampling completed at Clyde Hamrick Elementary in Imperial, Missouri. The sampling was requested and approved by Mr. Kevin Piel of Fox School District (FSD). OCCU-TEC completed drinking water sampling of all potential drinking water sources, sources used in food preparation, cleaning, and utensil cleaning. Drinking water sampling was completed in accordance with the requirements set forth in Missouri Senate Bill #681/662 known as the "Get the Lead Out of School Drinking Water Act".

METHODOLOGY

On March 28, 2024, Mr. Jay Hurst of OCCU-TEC completed testing of forty-five (45) sources throughout Clyde Hamrick Elementary. Samples were collected as 'First Draw' samples after the fixtures had remained unused for a minimum period of 8 hours. Samples were collected in dedicated 250 milliliter laboratory-provided plastic sample containers. Sample location information and photographic documentation are noted in the attached table.

Samples were shipped to Teklab, Inc. (Teklab) of Collinsville, Illinois for analysis using EPA method 200.8. Teklab is approved for sample analysis by the Missouri Department of Natural Resources (MDNR) under certification number 00930. A copy of the laboratory analytical results and Chain of Custody documentation are attached to this report.

RESULTS

Samples results were compared to the regulatory limit of 5 parts per billion (ppb) outlined in Missouri Senate Bill 681/662. Of the samples collected, three (3) of the forty-five (45) contained lead concentrations at or above 5 ppb. Below is a list of samples containing elevated concentrations of lead.

Sample ID	Location	Type	Result (ug/L)
294-CHE-08	Kitchen Dish Area	Left Sink	5.9
294-CHE-25	Room 24	Sink	12.3
294-CHE-26	Room 24 Restroom	Handwashing Sink	78.9

LIMITATIONS

At the request of FSD, custodial closet sinks were excluded from sampling. In accordance with the requirements set forth in Missouri Bill 681/662, all sources not sampled during this assessment should be labeled to indicate that the source is not to be used for drinking water.

RECOMMENDATIONS

The following recommendations are in accordance with Senate Bill 681/662:

In accordance with the requirements set forth in Missouri Bill 681/662, fixtures exhibiting lead concentrations above 5 ppb must be remediated by replacement of lead-containing pipes, solder, fittings or fixtures with lead-free components, or the school shall install filtration at each point where water enters the building until such time as the source can be remediated. If installing a filter is not feasible, the school shall provide purified water at each outlet inventoried.

Additionally, any water coolers or drinking water outlets identified by the United States Environmental Protection Agency (EPA) as not being lead-free under the federal Lead Contamination Control Act of 1988 shall be replaced unless the unit has been tested and determined to have lead results under 5 ppb.

Within two weeks after receiving test results, the school shall make all testing results and any lead remediation plans available on the school's website. The school shall notify parents and staff via written notification within seven (7) business days after receiving test results exceeding 5 ppb. The notification shall include the following:

- Test results and a summary explaining the results.
- A description of any remedial steps taken.
- A description of the general health effects of lead contamination and community specific resources.

- Provide bottled water if there is not enough water to meet the drinking water needs of the students, teachers, and staff.

For fixtures exhibiting results above 5 ppb, follow up random "Flush" sampling shall be conducted annually on at least 25 percent of the remediated outlets until all outlets have been remediated. Drinking water sampling shall be conducted annually and annual drinking water test results shall be submitted by the district to the Department of Health and Senior Services (MDHSS).

SIGNATURE(S)

OCCU-TEC appreciates the opportunity to provide the above-referenced consulting services to FSD. If you have any questions regarding the contents of this report, please contact us at (816) 231-5580.

Respectfully,

Kevin Heriford
Director EH&S Dept.

Brittany Dickmeyer
Safety Specialist

ATTACHMENTS

Outlet Inventory with Analytical Results Summary
Laboratory Analytical Results and COC Documentation

Drinking Water Assessment
Clyde Hamrick Elementary
Fox C-6 School District

ID:	294-CHE-01	Location:	Kitchen Restroom	
Photo:		Manufacturer:	Unknown	
		Description:		
		Handwashing Sink		
		Result:	<1.0	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

ID:	294-CHE-02	Location:	Kitchen	
Photo:		Manufacturer:	Unknown	
		Description:		
		Prep Table Sink		
		Result:	2.7	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

ID:	294-CHE-03	Location:	Kitchen	
Photo:		Manufacturer:	Unknown	
		Description:		
		Skillet Pot Filler		
		Result:	1.6	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

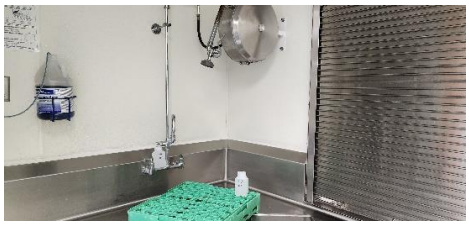
Drinking Water Assessment
Clyde Hamrick Elementary
Fox C-6 School District

ID:	294-CHE-04	Location:	Kitchen	
Photo:		Manufacturer:	Unknown	
		Description:		
		Handwashing Sink		
		Result:	<1.0	ppb
		Date Sampled:	3/28/2024	By: JEA
Recommended Action:				

ID:	294-CHE-05	Location:	Kitchen Dish Area	
Photo:		Manufacturer:	Unknown	
		Description:		
		Handwashing Sink		
		Result:	<1.0	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

ID:	294-CHE-06	Location:	Kitchen Dish Area	
Photo:		Manufacturer:	Unknown	
		Description:		
		Scrap Faucet		
		Result:	4	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

Drinking Water Assessment
Clyde Hamrick Elementary
Fox C-6 School District

ID:	294-CHE-07	Location:	Kitchen Dish Area	
Photo:		Manufacturer:	Unknown	
		Description:		
		Kitchen Dish Sprayer		
		Result:	<1.0	ppb
		Date Sampled:	3/28/2024	By: JEA
Recommended Action:				

ID:	294-CHE-08	Location:	Kitchen Dish Area	
Photo:		Manufacturer:	Unknown	
		Description:		
		Left sink		
		Result:	**5.9**	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:		**Replace Fixture/Unit and Resample**		

ID:	294-CHE-09	Location:	Kitchen Dish Area	
Photo:		Manufacturer:	Unknown	
		Description:		
		Kitchen Dish Sprayer		
		Result:	<1.0	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

Drinking Water Assessment
Clyde Hamrick Elementary
Fox C-6 School District

ID:	294-CHE-10	Location:	Kitchen Dish Area	
Photo:		Manufacturer:	Unknown	
		Description:		
		Middle Sink		
		Result:	<1.0	ppb
		Date Sampled:	3/28/2024	By: JEA
Recommended Action:				

ID:	294-CHE-11	Location:	Kitchen Dish Area	
Photo:		Manufacturer:	Unknown	
		Description:		
		Right sink		
		Result:	1	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

ID:	294-CHE-12	Location:	Teacher's Lounge	
Photo:		Manufacturer:	Unknown	
		Description:		
		Sink		
		Result:	2	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

Drinking Water Assessment
Clyde Hamrick Elementary
Fox C-6 School District

ID:	294-CHE-13	Location:	Cafeteria		
Photo:		Manufacturer:	Manitowoc		
		Description:			
		Ice Machine			
		Result:	<1.0	ppb	
		Date Sampled:	3/28/2024	By:	JEA
Recommended Action:					

ID:	294-CHE-14	Location:	Room 9		
Photo:		Manufacturer:	Unknown		
		Description:			
		Sink			
		Result:	<1.0	ppb	
		Date Sampled:	3/28/2024	By:	JH
Recommended Action:					

ID:	294-CHE-15	Location:	Staff Restroom by 9		
Photo:		Manufacturer:	Delta		
		Description:			
		Handwashing Sink			
		Result:	<1.0	ppb	
		Date Sampled:	3/28/2024	By:	JH
Recommended Action:					

Drinking Water Assessment
Clyde Hamrick Elementary
Fox C-6 School District

ID:	294-CHE-16	Location:	Hall by Room 12	
Photo:		Manufacturer:	Oasis	
		Description:		
		Left drinking fountain bubbler		
		Result:	1.2	ppb
		Date Sampled:	3/28/2024	By: JEA
Recommended Action:				

ID:	294-CHE-17	Location:	Hall by Room 12	
Photo:		Manufacturer:	Oasis	
		Description:		
		Right drinking fountain bottle filler		
		Result:	1.1	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

ID:	294-CHE-18	Location:	Boy's Restroom by Café	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Left handwashing sink		
		Result:	1.7	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

Drinking Water Assessment
Clyde Hamrick Elementary
Fox C-6 School District

ID:	294-CHE-19	Location:	Boy's Restroom by Café	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Middle handwashing sink		
		Result:	<1.0	ppb
		Date Sampled:	3/28/2024	By: JEA
Recommended Action:				

ID:	294-CHE-20	Location:	Boy's Restroom by Café	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Right handwashing sink		
		Result:	1.3	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

ID:	294-CHE-21	Location:	Hall by Restroom	
Photo:		Manufacturer:	Unknown	
		Description:		
		Drinking fountain bottle filler		
		Result:	<1.0	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

Drinking Water Assessment
Clyde Hamrick Elementary
Fox C-6 School District

ID:	294-CHE-22	Location:	Girls Restroom by Café	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Left handwashing Sink		
		Result:	1.8	ppb
		Date Sampled:	3/28/2024	By: JEA
Recommended Action:				

ID:	294-CHE-23	Location:	Girls Restroom by Café	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Middle handwashing Sink		
		Result:	<1.0	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

ID:	294-CHE-24	Location:	Girls Restroom by Café	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Right handwashing Sink		
		Result:	<1.0	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

Drinking Water Assessment
Clyde Hamrick Elementary
Fox C-6 School District

ID:	294-CHE-25	Location:	Room 24		
Photo:		Manufacturer:	Unknown		
		Description:			
		Sink			
		Result:	12.3	ppb	
		Date Sampled:	3/28/2024	By:	JEA
Recommended Action:		Replace Fixture/Unit and Resample			

ID:	294-CHE-26	Location:	Room 24 Restroom		
Photo:		Manufacturer:	Unknown		
		Description:			
		Handwashing Sink			
		Result:	78.9	ppb	
		Date Sampled:	3/28/2024	By:	JH
Recommended Action:		Replace Fixture/Unit and Resample			

ID:	294-CHE-27	Location:	Hall Outside Room 27		
Photo:		Manufacturer:	Halsey Taylor		
		Description:			
		Dinking fountain bottle filler			
		Result:	<1.0	ppb	
		Date Sampled:	3/28/2024	By:	JH
Recommended Action:					

Drinking Water Assessment
Clyde Hamrick Elementary
Fox C-6 School District

ID:	294-CHE-28	Location:	Hall outside Room 2		
Photo:		Manufacturer:	Elkay		
		Description:			
		Left drinking fountain bubbler			
		Result:	<1.0	ppb	
		Date Sampled:	3/28/2024	By:	JEA
Recommended Action:					

ID:	294-CHE-29	Location:	Hall outside Room 2		
Photo:		Manufacturer:	Elkay		
		Description:			
		Right drinking fountain bubbler			
		Result:	<1.0	ppb	
		Date Sampled:	3/28/2024	By:	JH
Recommended Action:					

ID:	294-CHE-30	Location:	Hall outside Room 2		
Photo:		Manufacturer:	Elkay		
		Description:			
		Right drinking fountain bottle filler			
		Result:	<1.0	ppb	
		Date Sampled:	3/28/2024	By:	JH
Recommended Action:					

Drinking Water Assessment
Clyde Hamrick Elementary
Fox C-6 School District

ID:	294-CHE-31	Location:	Girls Restroom by RM 4	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Left handwashing Sink		
		Result:	<1.0	ppb
		Date Sampled:	3/28/2024	By: JEA
Recommended Action:				

ID:	294-CHE-32	Location:	Girls Restroom by RM 4	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Right handwashing Sink		
		Result:	1.2	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

ID:	294-CHE-33	Location:	Girls Single Bathroom	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Handwashing Sink		
		Result:	2	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

Drinking Water Assessment
Clyde Hamrick Elementary
Fox C-6 School District

ID:	294-CHE-34	Location:	Boy's restroom by Gym	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Left handwashing sink		
		Result:	<1.0	ppb
		Date Sampled:	3/28/2024	By: JEA
Recommended Action:				

ID:	294-CHE-35	Location:	Boy's restroom by Gym	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Right handwashing sink		
		Result:	<1.0	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

ID:	294-CHE-36	Location:	Nurse's Office RR	
Photo:		Manufacturer:	Unknown	
		Description:		
		Handwashing sink		
		Result:	3.2	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

Drinking Water Assessment
Clyde Hamrick Elementary
Fox C-6 School District

ID:	294-CHE-37	Location:	Hall by Room 5		
Photo:		Manufacturer:	Elkay		
		Description:			
		Drinking fountain bubbler			
		Result:	<1.0	ppb	
		Date Sampled:	3/28/2024	By:	JEA
Recommended Action:					

ID:	294-CHE-38	Location:	Hall by Room 5		
Photo:		Manufacturer:	Elkay		
		Description:			
		Drinking fountain bottle filler			
		Result:	<1.0	ppb	
		Date Sampled:	3/28/2024	By:	JH
Recommended Action:					

ID:	294-CHE-39	Location:	Boy's RR by Room 3		
Photo:		Manufacturer:	Chicago Faucet Co.		
		Description:			
		Left handwashing sink			
		Result:	1.6	ppb	
		Date Sampled:	3/28/2024	By:	JH
Recommended Action:					

Drinking Water Assessment
Clyde Hamrick Elementary
Fox C-6 School District

ID:	294-CHE-40	Location:	Boy's RR by Room 3	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Middle handwashing sink		
		Result:	1.1	ppb
		Date Sampled:	3/28/2024	By: JEA
Recommended Action:				

ID:	294-CHE-41	Location:	Boy's RR by Room 3	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Right handwashing sink		
		Result:	<1.0	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

ID:	294-CHE-42	Location:	Staff Restroom by RM 28	
Photo:		Manufacturer:	Unknown	
		Description:		
		Handwashing Sink		
		Result:	<1.0	ppb
		Date Sampled:	3/28/2024	By: JH
Recommended Action:				

Drinking Water Assessment
Clyde Hamrick Elementary
Fox C-6 School District

ID:	294-CHE-43	Location:	Girls Restroom by RM 26		
Photo:		Manufacturer:	Chicago Faucet Co.		
		Description:			
		Left handwashing Sink			
		Result:	<1.0	ppb	
		Date Sampled:	3/28/2024	By:	JEA
Recommended Action:					

ID:	294-CHE-44	Location:	Girls Restroom by RM 26		
Photo:		Manufacturer:	Chicago Faucet Co.		
		Description:			
		Middle handwashing Sink			
		Result:	<1.0	ppb	
		Date Sampled:	3/28/2024	By:	JH
Recommended Action:					

ID:	294-CHE-45	Location:	Girls Restroom by RM 26		
Photo:		Manufacturer:	Chicago Faucet Co.		
		Description:			
		Right handwashing Sink			
		Result:	<1.0	ppb	
		Date Sampled:	3/28/2024	By:	JH
Recommended Action:					

May 03, 2024

Justin Arnold
Occu-Tec
2604 NE Industrial Drive
Suite 230
North Kansas City, MO 64117
TEL: (816) 810-3276
FAX:

Illinois	100226
Illinois	1004652024-2
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: 923294 CHE **WorkOrder:** 24032137

Dear Justin Arnold:

TEKLAB, INC received 45 samples on 3/27/2024 9:00:00 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,

Patrick Riley
Project Manager
(618)344-1004 ex 44
patrickriley@teklabinc.com

Report Contents

http://www.teklabinc.com/

Client: Occu-Tec
Work Order: 24032137
Client Project: 923294 CHE
Report Date: 03-May-24

This reporting package includes the following:

Client: Occu-Tec **Work Order:** 24032137

Client Project: 923294 CHE **Report Date:** 03-May-24

Abbr Definition

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

Definitions

Client: Occu-Tec
Work Order: 24032137
Client Project: 923294 CHE
Report Date: 03-May-24

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: Occu-Tec
Client Project: 923294 CHE

Work Order: 24032137
Report Date: 03-May-24

Cooler Receipt Temp: N/A °C

Locations

Collinsville

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

Springfield

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

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
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

Chicago

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

Client: Occu-Tec **Work Order:** 24032137

Client Project: 923294 CHE **Report Date:** 03-May-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	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		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville

Client: Occu-Tec
Client Project: 923294 CHE
Matrix: DRINKING WATER

Work Order: 24032137
Report Date: 03-May-24

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									
24032137-001A	293-CHE-01	NELAP		1.0	**< 1.0**	µg/L	5	05/02/2024 6:26	03/26/2024 13:38
24032137-002A	293-CHE-02	NELAP		1.0	**2.7**	µg/L	5	05/02/2024 6:29	03/26/2024 13:40
24032137-003A	293-CHE-03	NELAP		1.0	**1.6**	µg/L	1	04/29/2024 17:22	03/26/2024 13:41
24032137-004A	293-CHE-04	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 17:27	03/26/2024 13:43
24032137-005A	293-CHE-05	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 17:31	03/26/2024 13:45
24032137-006A	293-CHE-06	NELAP		1.0	**4.0**	µg/L	1	04/29/2024 17:35	03/26/2024 13:46
24032137-007A	293-CHE-07	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 17:39	03/26/2024 13:48
24032137-008A	293-CHE-08	NELAP		1.0	**5.9**	µg/L	5	05/02/2024 6:43	03/26/2024 13:49
24032137-009A	293-CHE-09	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 18:08	03/26/2024 13:50
24032137-010A	293-CHE-10	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 18:12	03/26/2024 13:51
24032137-011A	293-CHE-11	NELAP		1.0	**1.0**	µg/L	1	04/29/2024 18:16	03/26/2024 13:51
24032137-012A	293-CHE-12	NELAP		1.0	**2.0**	µg/L	1	04/29/2024 18:20	03/26/2024 13:52
24032137-013A	293-CHE-13	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 18:24	03/26/2024 13:53
24032137-014A	293-CHE-14	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 18:28	03/26/2024 13:56
24032137-015A	293-CHE-15	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 17:43	03/26/2024 13:58
24032137-016A	293-CHE-16	NELAP		1.0	**1.2**	µg/L	1	04/29/2024 18:32	03/26/2024 14:00
24032137-017A	293-CHE-17	NELAP		1.0	**1.1**	µg/L	1	04/29/2024 19:01	03/26/2024 14:00
24032137-018A	293-CHE-18	NELAP		1.0	**1.7**	µg/L	1	04/29/2024 19:05	03/26/2024 14:03
24032137-019A	293-CHE-19	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 18:36	03/26/2024 14:03
24032137-020A	293-CHE-20	NELAP		1.0	**1.3**	µg/L	1	04/29/2024 19:09	03/26/2024 14:03
24032137-021A	293-CHE-21	NELAP		1.0	**< 1.0**	µg/L	1	04/28/2024 21:08	03/26/2024 14:04
24032137-022A	293-CHE-22	NELAP		1.0	**1.8**	µg/L	1	04/28/2024 21:12	03/26/2024 14:06
24032137-023A	293-CHE-23	NELAP		1.0	**< 1.0**	µg/L	1	04/28/2024 21:16	03/26/2024 14:06
24032137-024A	293-CHE-24	NELAP		1.0	**< 1.0**	µg/L	1	04/28/2024 21:19	03/26/2024 14:06
24032137-025A	293-CHE-25	NELAP		1.0	**12.3**	µg/L	1	04/29/2024 20:24	03/26/2024 14:08
24032137-026A	293-CHE-26	NELAP		1.0	**78.9**	µg/L	1	04/29/2024 19:14	03/26/2024 14:09
24032137-027A	293-CHE-27	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 19:18	03/26/2024 14:12
24032137-028A	293-CHE-28	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 19:22	03/26/2024 14:14
24032137-029A	293-CHE-29	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 19:26	03/26/2024 14:14
24032137-030A	293-CHE-30	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 19:55	03/26/2024 14:14
24032137-031A	293-CHE-31	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 19:59	03/26/2024 14:18
24032137-032A	293-CHE-32	NELAP		1.0	**1.2**	µg/L	1	04/29/2024 20:03	03/26/2024 14:18
24032137-033A	293-CHE-33	NELAP		1.0	**2.0**	µg/L	1	04/29/2024 21:17	03/26/2024 14:19
24032137-034A	293-CHE-34	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 20:07	03/26/2024 14:21
24032137-035A	293-CHE-35	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 20:11	03/26/2024 14:21
24032137-036A	293-CHE-36	NELAP		1.0	**3.2**	µg/L	1	04/29/2024 20:15	03/26/2024 14:23
24032137-037A	293-CHE-37	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 20:20	03/26/2024 14:24
24032137-038A	293-CHE-38	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 20:49	03/26/2024 14:24
24032137-039A	293-CHE-39	NELAP		1.0	**1.6**	µg/L	1	04/29/2024 20:53	03/26/2024 14:28
24032137-040A	293-CHE-40	NELAP		1.0	**1.1**	µg/L	1	04/29/2024 20:57	03/26/2024 14:28
24032137-041A	293-CHE-41	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 16:41	03/26/2024 14:28
24032137-042A	293-CHE-42	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 16:45	03/26/2024 14:30
24032137-043A	293-CHE-43	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 17:14	03/26/2024 14:34
24032137-044A	293-CHE-44	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 17:18	03/26/2024 14:34
24032137-045A	293-CHE-45	NELAP		1.0	**< 1.0**	µg/L	1	04/29/2024 16:49	03/26/2024 14:34

Receiving Check List

http://www.teklabinc.com/

Client: Occu-Tec
Client Project: 923294 CHE

Work Order: 24032137
Report Date: 03-May-24

Carrier: Craig McKinney
Received By: WAO

Completed by: Amber Dilallo
On: 27-Mar-24

Reviewed by: Ellie Hopkins
On: 28-Mar-24

Pages to follow: Chain of custody 5 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C	N/A
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. - amberdilallo - 3/27/2024 4:49:42 PM

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CHAIN OF CUSTODY

Pg 1 of 5 Workorder # 24032137

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

Client: OCCU-TEC Inc,
Address: 2604 NE Industrial Drive Suite 230
City/State/Zip: North Kansas City, MO 64117
Contact: Justin Arnold Phone: 816-810-3276
Email: jarnold@occutec.com Fax: 816-994-3478

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

Samples on: ☐ ICE ☐ BLUE ICE ☒ NO ICE N/A °C
Preserved in: ☒ LAB ☐ FIELD
FOR LAB USE ONLY
LAB NOTES:

Client Comments:
Pb RL <5.0 ppb
Samples Collected 3/26/2024 GM

PROJECT NAME/NUMBER: 923294
SAMPLE COLLECTOR'S NAME: Jay Hurst

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

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers: UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	INDICATE ANALYSIS REQUESTED: Lead by 200.8
24032137-001	293-CHE-01	3/26/2024 - 1338	Drinking Water	X									✓
002	293-CHE-02	3/26/2024 - 1340	Drinking Water	X									✓
003	293-CHE-03	3/26/2024 - 1341	Drinking Water	X									✓
004	293-CHE-04	3/26/2024 - 1343	Drinking Water	X									✓
005	293-CHE-05	3/26/2024 - 1345	Drinking Water	X									✓
006	293-CHE-06	3/26/2024 - 1346	Drinking Water	X									✓
007	293-CHE-07	3/26/2024 - 1348	Drinking Water	X									✓
008	293-CHE-08	3/26/2024 - 1349	Drinking Water	X									✓
009	293-CHE-09	3/26/2024 - 1350	Drinking Water	X									✓
010	293-CHE-10	3/26/2024 - 1351	Drinking Water	X									✓
011	293-CHE-11	3/26/2024 - 1351	Drinking Water	X									✓

Relinquished By	Date/Time	Received By	Date/Time
	3/27/24 0630		3/27/24 0630
	3/27/24 0900		3/27/24 900

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CHAIN OF CUSTODY

Pg 2 of 5 Workorder # 24032137

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

Client: OCCU-TEC Inc,
Address: 2604 NE Industrial Drive Suite 230
City/State/Zip: North Kansas City, MO 64117
Contact: Justin Arnold Phone: 816-810-3276
Email: jarnold@occutec.com Fax: 816-994-3478

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

Client Comments:
Pb RL <5.0 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 the comment section: ☑ Yes ☐ No

PROJECT NAME/NUMBER	SAMPLE COLLECTOR'S NAME
923294	Jay Hurst

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

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers: UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	INDICATE ANALYSIS REQUESTED: Lead by 200.8
24032137 012	293-CHE-12	3/28/2024 - 1352	Drinking Water	X									✓
013	293-CHE-13	3/28/2024 - 1353	Drinking Water	X									✓
014	293-CHE-14	3/28/2024 - 1356	Drinking Water	X									✓
015	293-CHE-15	3/28/2024 - 1358	Drinking Water	X									✓
016	293-CHE-16	3/28/2024 - 1400	Drinking Water	X									✓
017	293-CHE-17	3/28/2024 - 1400	Drinking Water	X									✓
018	293-CHE-18	3/28/2024 - 1403	Drinking Water	X									✓
019	293-CHE-19	3/28/2024 - 1403	Drinking Water	X									✓
020	293-CHE-20	3/28/2024 - 1403	Drinking Water	X									✓
021	293-CHE-21	3/28/2024 - 1404	Drinking Water	X									✓
022	293-CHE-22	3/28/2024 - 1406	Drinking Water	X									✓

Relinquished By	Date/Time	Received By	Date/Time
	3/27/24 6:30		3/27/24 0630
	3/27/24 0900		3/27/24 900

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CHAIN OF CUSTODY

Pg 3 of 5 Workorder # 24032137

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Client: OCCU-TEC Inc,
Address: 2604 NE Industrial Drive Suite 230
City/State/Zip: North Kansas City, MO 64117
Contact: Justin Arnold Phone: 816-810-3276
Email: jarnold@occutec.com Fax: 816-994-3478

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

Client Comments:
Pb RL <5.0 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 the comment section: ☑ Yes ☐ No

PROJECT NAME/NUMBER	SAMPLE COLLECTOR'S NAME
923294	Jay Hurst

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

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers: UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	INDICATE ANALYSIS REQUESTED: Lead by 200.8
24032137 023	293-CHE-23	3/26/2024 - 1406	Drinking Water	X									✓
024	293-CHE-24	3/26/2024 - 1406	Drinking Water	X									✓
025	293-CHE-25	3/26/2024 - 1408	Drinking Water	X									✓
026	293-CHE-26	3/26/2024 - 1409	Drinking Water	X									✓
027	293-CHE-27	3/26/2024 - 1412	Drinking Water	X									✓
028	293-CHE-28	3/26/2024 - 1414	Drinking Water	X									✓
029	293-CHE-29	3/26/2024 - 1414	Drinking Water	X									✓
030	293-CHE-30	3/26/2024 - 1414	Drinking Water	X									✓
031	293-CHE-31	3/26/2024 - 1416	Drinking Water	X									✓
032	293-CHE-32	3/26/2024 - 1418	Drinking Water	X									✓
033	293-CHE-33	3/26/2024 - 1419	Drinking Water	X									✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	3/27/24 6:30	[signature]	3/27/24 0630
[signature]	3/27/24 0900	[signature]	3/27/24 900

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CHAIN OF CUSTODY

Pg 4 of 5 Workorder # 24032137

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Client: OCCU-TEC Inc,
Address: 2604 NE Industrial Drive Suite 230
City/State/Zip: North Kansas City, MO 64117
Contact: Justin Arnold Phone: 816-810-3276
Email: jarnold@occutec.com Fax: 816-994-3478

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

Client Comments:
Pb RL <5.0 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 the comment section: ☑ Yes ☐ No

PROJECT NAME/NUMBER: 923294
SAMPLE COLLECTOR'S NAME: Jay Hurst

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

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers: UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	INDICATE ANALYSIS REQUESTED: Lead by 200.8
24032137-034	293-CHE-34	3/28/2024 - 1421	Drinking Water	X									✓
035	293-CHE-35	3/28/2024 - 1421	Drinking Water	X									✓
036	293-CHE-36	3/28/2024 - 1423	Drinking Water	X									✓
037	293-CHE-37	3/28/2024 - 1424	Drinking Water	X									✓
038	293-CHE-38	3/28/2024 - 1424	Drinking Water	X									✓
039	293-CHE-39	3/28/2024 - 1428	Drinking Water	X									✓
040	293-CHE-40	3/28/2024 - 1428	Drinking Water	X									✓
041	293-CHE-41	3/28/2024 - 1428	Drinking Water	X									✓
042	293-CHE-42	3/28/2024 - 1430	Drinking Water	X									✓
043	293-CHE-43	3/28/2024 - 1434	Drinking Water	X									✓
044	293-CHE-44	3/28/2024 - 1434	Drinking Water	X									✓

Relinquished By	Date/Time	Received By	Date/Time
	3/27/24 1630		3/27/24 0630
	3/27/24 0900		3/27/24 900

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CHAIN OF CUSTODY

Pg 5 of 5 Workorder # 24032137

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

Client: OCCU-TEC Inc,
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Contact: Justin Arnold Phone: 816-810-3276
Email: jarnold@occutec.com Fax: 816-994-3478

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

Client Comments:
Pb RL <5.0 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 the comment section: ☑ Yes ☐ No

PROJECT NAME/NUMBER
923294

SAMPLE COLLECTOR'S NAME
Jay Hurst

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

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	Lead by 200.8
24032137-045	293-CHE-45	3/28/2024 - 1434	Drinking Water	X									✓
	293-CHE-	3/28/2024 -	Drinking Water	X									✓
	293-CHE-	3/28/2024 -	Drinking Water	X									✓
	293-CHE-	3/28/2024 -	Drinking Water	X									✓
	293-CHE-	3/28/2024 -	Drinking Water	X									✓
	293-CHE-	3/28/2024 -	Drinking Water	X									✓
	293-CHE-	3/28/2024 -	Drinking Water	X									✓
	293-CHE-	3/28/2024 -	Drinking Water	X									✓
	293-CHE-	3/28/2024 -	Drinking Water	X									✓
	293-CHE-	3/28/2024 -	Drinking Water	X									✓
	293-CHE-	3/28/2024 -	Drinking Water	X									✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	3/27/24 6:30	[signature]	3/27/24 0630
[signature]	3/27/24 0900		

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