OCCU-TEC
Protecting People, Places and Performance

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

May 9, 2024

John Wigger
Central R3 School District
200 High Street
Park Hills, Missouri 63601

RE: Drinking Water Sampling – Central Alternative School
412 West Fite Street, Park Hills MO 63601
Project Number: 923406

Mr. Wigger,

OCCU-TEC, Inc. (OCCU-TEC) is pleased to present the following report for drinking water sampling completed at Central Alternative School in Park Hills, Missouri. The sampling was requested and approved by Mr. John Wigger of Central R3 School District (CSD). OCCU-TEC completed drinking water sampling of building service lines, 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 April 8, 2024, Mr. Nathaniel Jones of OCCU-TEC completed testing of two (2) sources throughout Central Alternative School. 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.

OCCU-TEC also collected one (1) additional sample from a source near the building's service line to compare concentrations of lead in samples throughout the building with the concentrations entering the building. Immediately before sampling, the faucet was flushed for 3-5 minutes. Location information and photographic documentation for all samples 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, one (1) of the three (3) 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)
406-CAS-00	Kitchen Restroom	Service Line Sample	6.9

LIMITATIONS

At the request of CSD, restroom sinks, classroom sinks, and 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.

The service line which exhibited elevated lead concentrations should have a point of entry filter installed to reduce concentrations entering the building.

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 CSD. If you have any questions regarding the contents of this report, please contact us at (816) 231-5580.

Respectfully,

Nathaniel Jones
Environmental Technician

Jeff Smith
Senior Project Manager (QA/QC)

ATTACHMENTS

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

Drinking Water Assessment
Central Alternative School
Central School District

ID:	406-CAS-00	Location:	Basement Restroom	
Photo:		Manufacturer:		
		Description:		
		Service Line Sample		
		Result:	6.9	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:		Install Point of Entry Filter and Resample		

ID:	406-CAS-01	Location:	Trophy Gym Hall	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler		
		Result:	4.6	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CAS-02	Location:	Main Hallway	
Photo:		Manufacturer:	Halsey-Taylor	
		Description:		
		Drinking Fountain Bubbler		
		Result:	2.6	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

May 03, 2024

Nathaniel Jones
Occu-Tec
2604 NE Industrial Drive
Suite 230
North Kansas City, MO 64117
TEL: (816) 890-8749
FAX:

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

RE: 923406 Central R-3 SD

WorkOrder: 24041033

Dear Nathaniel Jones:

TEKLAB, INC received 3 samples on 4/12/2024 1:15:00 PM 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

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

Client: Occu-Tec
Client Project: 923406 Central R-3 SD

Work Order: 24041033
Report Date: 03-May-24

This reporting package includes the following:

Client: Occu-Tec

Work Order: 24041033

Client Project: 923406 Central R-3 SD

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)

Client: Occu-Tec

Work Order: 24041033

Client Project: 923406 Central R-3 SD

Report Date: 03-May-24

Qualifiers

- Unknown hydrocarbon

C - RL shown is a Client Requested Quantitation Limit

H - Holding times exceeded

J - Analyte detected below quantitation limits

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside recovery limits

X - Value exceeds Maximum Contaminant Level

B - Analyte detected in associated Method Blank

E - Value above quantitation range

I - Associated internal standard was outside method criteria

M - Manual Integration used to determine area response

R - RPD outside accepted recovery limits

T - TIC(Tentatively identified compound)

Client: Occu-Tec

Client Project: 923406 Central R-3 SD

Work Order: 24041033

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

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: Occu-Tec
Client Project: 923406 Central R-3 SD

Work Order: 24041033
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
Work Order: 24041033
Client Project: 923406 Central R-3 SD
Report Date: 03-May-24
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									
24041033-001A	406-CAS-00	NELAP		1.0	**6.9**	µg/L	1	05/01/2024 17:28	04/08/2024 0:00
24041033-002A	406-CAS-01	NELAP		1.0	**4.6**	µg/L	1	05/01/2024 17:32	04/08/2024 0:00
24041033-003A	406-CAS-02	NELAP		1.0	**2.6**	µg/L	1	05/01/2024 17:45	04/08/2024 0:00

Teklab, Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Occu-Tec
Client Project: 923406 Central R-3 SD

Work Order: 24041033
Report Date: 03-May-24

Carrier: Crossroads

Received By: LEH

Completed by: Amber Dilallo
On: 12-Apr-24

Reviewed by: Ellie Hopkins
On: 12-Apr-24

Pages to follow: Chain of custody 1 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 - 4/12/2024 3:08:19 PM

Print PDF

CHAIN OF CUSTODY

Pg 1 of 1 Workorder # 24041033

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 Dr. Ste 230
City/State/Zip: North Kansas City, MO
Contact: Nate Jones Phone: 816-890-8749
Email: njones@occutec.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

Samples on: ☐ ICE ☐ BLUE ICE ☒ NO ICE N/A °C
Preserved in: ☒ LAB ☐ FELD **FOR LAB USE ONLY**
LAB NOTES: Sample designation checked - [illegible]

Client Comments:
5 ppb

PROJECT NAME/NUMBER: 923406 Central R-3 SD
SAMPLE COLLECTOR'S NAME: N. Jones

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	Pb 200.8
24041033-001	406-CAS-00	4/8/2024	Drinking Water										✔
002	406-CAS-01		Drinking Water										✔
003	406-CAS-02		Drinking Water										✔
	406-		Drinking Water										✔
	406-		Drinking Water										✔
	406-		Drinking Water										✔
	406-		Drinking Water										✔
	406-		Drinking Water										✔
	406-		Drinking Water										✔
	406-		Drinking Water										✔
	406-		Drinking Water										✔

Relinquished By	Date/Time	Received By	Date/Time
[signature]	4/9/2024 12:00	[signature]	4/10/24 1109
[signature]	4/11/24 1600	[signature] XK	4/12/24 1315

*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

OCCU-TEC
Protecting People, Places and Performance

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

May 9, 2024

John Wigger
Central R3 School District
200 High Street
Park Hills, Missouri 63601

RE: Drinking Water Sampling – Central Elementary School
900 St. Francois Street, Park Hills, MO 63601
Project Number: 923406

Mr. Wigger,

OCCU-TEC, Inc. (OCCU-TEC) is pleased to present the following report for drinking water sampling completed at Central Elementary School in Park Hills, Missouri. The sampling was requested and approved by Mr. John Wigger of Central R3 School District (CSD). OCCU-TEC completed drinking water sampling of building service lines, 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 April 8, 2024, Mr. Nathaniel Jones of OCCU-TEC completed testing of thirty-two (32) sources throughout Central Elementary School. 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.

OCCU-TEC also collected one (1) additional sample from a source near the building's service line to compare concentrations of lead in samples throughout the building with the concentrations entering the building. Immediately before sampling, the faucet was flushed for 3-5 minutes. Location information and photographic documentation for all samples 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 thirty-two (32) contained lead concentrations at or above 5 ppb. Below is a list of samples containing elevated concentrations of lead. Additionally, some sources were not functional at the time of sampling. Non-functional sources are included in the list below and should be sampled prior to returning to service.

Sample ID	Location	Type	Result (ug/L)
406-CES-10	B1/Girls' Restroom	Drinking Fountain Bottle Filler	5
406-CES-20	Classroom A-1	Drinking Fountain Bottle Filler	5
406-CES-31	Kitchen	Kitchen Dish Sprayer	5.3

LIMITATIONS

At the request of CSD, restroom sinks, classroom sinks, and 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 CSD. If you have any questions regarding the contents of this report, please contact us at (816) 231-5580.

Respectfully,

Nathaniel Jones
Environmental Technician

Jeff Smith
Senior Project Manager (QA/QC)

ATTACHMENTS

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

Drinking Water Assessment
Central Elementary School
Central School District

ID:	406-CES-00	Location:	Kitchen Restroom	
Photo:		Manufacturer:		
		Description:		
		Service Line Sample		
		Result:	3.4	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CES-01	Location:	Gym Foyer	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler, Left		
		Result:	2.8	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CES-02	Location:	Gym Foyer	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler, Right		
		Result:	1.8	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central Elementary School
Central School District

ID:	406-CES-03	Location:	Gym Foyer	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler, Left		
		Result:	2.3	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CES-04	Location:	Gym Foyer	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler, Right		
		Result:	2.3	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CES-05	Location:	C-1/Girls' Restroom	
Photo:		Manufacturer:	Halsey-Taylor	
		Description:		
		Drinking Fountain Bubbler, Left		
		Result:	4.2	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central Elementary School
Central School District

ID:	406-CES-06	Location:	C-1/Girls' Restroom	
Photo:		Manufacturer:	Halsey-Taylor	
		Description:		
		Drinking Fountain Bubbler, Right		
		Result:	4.1	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CES-07	Location:	C-13	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	2.5	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CES-08	Location:	C-13	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler		
		Result:	2.2	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central Elementary School
Central School District

ID:	406-CES-09	Location:	B-1/Girls' Restroom	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler, Left		
		Result:	3	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CES-10	Location:	B1/Girls' Restroom	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	5	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:		Replace Fixture/Unit and Resample		

ID:	406-CES-11	Location:	B-10	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler, Left		
		Result:	2.5	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central Elementary School
Central School District

ID:	406-CES-12	Location:	B-10	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler, Right		
		Result:	2.5	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CES-13	Location:	Classroom B-5	
Photo:		Manufacturer:	Elkay	
		Description:		
		Classroom Drinking Fountain Bubbler		
		Result:	2.6	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CES-14	Location:	Classroom B-8	
Photo:		Manufacturer:	Elkay	
		Description:		
		Classroom Drinking Fountain Bubbler		
		Result:	2	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central Elementary School
Central School District

ID:	406-CES-15	Location:	Classroom B-6		
Photo:		Manufacturer:	Elkay		
		Description:			
		Classroom Drinking Fountain Bubbler			
		Result:	2.3	ppb	
		Date Sampled:	4/8/2024	By:	NJ
Recommended Action:					

ID:	406-CES-16	Location:	Classroom B-7		
Photo:		Manufacturer:	Elkay		
		Description:			
		Classroom Drinking Fountain Bubbler			
		Result:	2.6	ppb	
		Date Sampled:	4/8/2024	By:	NJ
Recommended Action:					

ID:	406-CES-17	Location:	Cafeteria		
Photo:		Manufacturer:	Elkay		
		Description:			
		Drinking Fountain Bubbler			
		Result:	3.8	ppb	
		Date Sampled:	4/8/2024	By:	NJ
Recommended Action:					

Drinking Water Assessment
Central Elementary School
Central School District

ID:	406-CES-18	Location:	Nurse's Office	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Nurse's Restroom Sink		
		Result:	2.5	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CES-19	Location:	Classroom A-2	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Classsroom Drinking Fountain Bubbler		
		Result:	3.7	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CES-20	Location:	Classroom A-1	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Classroom Drinking Fountain Bubbler		
		Result:	5	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:		Replace Fixture/Unit and Resample		

Drinking Water Assessment
Central Elementary School
Central School District

ID:	406-CES-21	Location:	South Faculty Restroom	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler		
		Result:	2.4	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CES-22	Location:	North Faculty Restroom	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler		
		Result:	2.8	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CES-23	Location:	Kitchen Dish Return	
Photo:		Manufacturer:	Unknown	
		Description:		
		Hand Washing Sink		
		Result:	1.7	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central Elementary School
Central School District

ID:	406-CES-24	Location:	Kitchen Dish Return	
Photo:		Manufacturer:	Unknown	
		Description:		
		Dish Rinse Sink		
		Result:	1	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CES-25	Location:	Kitchen Dish Return	
Photo:		Manufacturer:	Fisher	
		Description:		
		Kitchen Dish Sprayer		
		Result:	2.7	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CES-26	Location:	Kitchen	
Photo:		Manufacturer:	Unknown	
		Description:		
		Dish Sink, Left		
		Result:	2.6	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

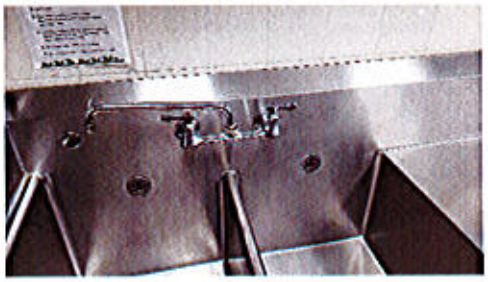
Drinking Water Assessment
Central Elementary School
Central School District

ID:	406-CES-27	Location:	Kitchen	
Photo:		Manufacturer:	Unknown	
		Description:		
		Dish Sink, Right		
		Result:	4.2	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CES-28	Location:	Kitchen	
Photo:		Manufacturer:	Scotsman	
		Description:		
		Ice Machine		
		Result:	<1.0	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CES-29	Location:	Kitchen	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Hand Washing Sink		
		Result:	3	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central Elementary School
Central School District

ID:	406-CES-30	Location:	Kitchen	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		East Dish Sink		
		Result:	2.9	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CES-31	Location:	Kitchen	
Photo:		Manufacturer:	T&S Brass	
		Description:		
		Kitchen Dish Sprayer		
		Result:	5.3	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:		Replace Fixture/Unit and Resample		

ID:	406-CES-32	Location:	Kitchen	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Pot Filler		
		Result:	2.8	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

May 08, 2024

Nathaniel Jones
Occu-Tec
2604 NE Industrial Drive
Suite 230
North Kansas City, MO 64117
TEL: (816) 890-8749
FAX:

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

RE: 923406 Central R-3 SD

WorkOrder: 24041029

Dear Nathaniel Jones:

TEKLAB, INC received 33 samples on 4/12/2024 1:15:00 PM 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

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

Client: Occu-Tec
Client Project: 923406 Central R-3 SD

Work Order: 24041029
Report Date: 08-May-24

This reporting package includes the following:

Client: Occu-Tec

Work Order: 24041029

Client Project: 923406 Central R-3 SD

Report Date: 08-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)

Client: Occu-Tec

Work Order: 24041029

Client Project: 923406 Central R-3 SD

Report Date: 08-May-24

Qualifiers

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

Client: Occu-Tec

Client Project: 923406 Central R-3 SD

Work Order: 24041029

Report Date: 08-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

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: Occu-Tec

Client Project: 923406 Central R-3 SD

Work Order: 24041029

Report Date: 08-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
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Occu-Tec

Work Order: 24041029

Client Project: 923406 Central R-3 SD

Report Date: 08-May-24

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									
24041029-001A	406-CES-00	NELAP		1.0	**3.4**	µg/L	1	05/08/2024 3:49	04/08/2024 0:00
24041029-002A	406-CES-01	NELAP		1.0	**2.8**	µg/L	1	05/08/2024 3:53	04/08/2024 0:00
24041029-003A	406-CES-02	NELAP		1.0	**1.8**	µg/L	1	05/08/2024 4:03	04/08/2024 0:00
24041029-004A	406-CES-03	NELAP		1.0	**2.3**	µg/L	1	05/08/2024 3:56	04/08/2024 0:00
24041029-005A	406-CES-04	NELAP		1.0	**2.3**	µg/L	1	05/08/2024 4:00	04/08/2024 0:00
24041029-006A	406-CES-05	NELAP		1.0	**4.2**	µg/L	1	05/08/2024 4:23	04/08/2024 0:00
24041029-007A	406-CES-06	NELAP		1.0	**4.1**	µg/L	1	05/08/2024 4:27	04/08/2024 0:00
24041029-008A	406-CES-07	NELAP		1.0	**2.5**	µg/L	1	05/08/2024 4:30	04/08/2024 0:00
24041029-009A	406-CES-08	NELAP		1.0	**2.2**	µg/L	1	05/08/2024 4:47	04/08/2024 0:00
24041029-010A	406-CES-09	NELAP		1.0	**3.0**	µg/L	1	05/08/2024 4:34	04/08/2024 0:00
24041029-011A	406-CES-10	NELAP		1.0	**5.0**	µg/L	1	05/08/2024 4:37	04/08/2024 0:00
24041029-012A	406-CES-11	NELAP		1.0	**2.5**	µg/L	1	05/08/2024 4:40	04/08/2024 0:00
24041029-013A	406-CES-12	NELAP		1.0	**2.5**	µg/L	1	05/08/2024 4:44	04/08/2024 0:00
24041029-014A	406-CES-13	NELAP		1.0	**2.6**	µg/L	1	05/08/2024 5:08	04/08/2024 0:00
24041029-015A	406-CES-14	NELAP		1.0	**2.0**	µg/L	1	05/08/2024 5:11	04/08/2024 0:00
24041029-016A	406-CES-15	NELAP		1.0	**2.3**	µg/L	1	05/08/2024 5:14	04/08/2024 0:00
24041029-017A	406-CES-16	NELAP		1.0	**2.6**	µg/L	1	05/08/2024 5:18	04/08/2024 0:00
24041029-018A	406-CES-17	NELAP		1.0	**3.8**	µg/L	1	05/08/2024 5:21	04/08/2024 0:00
24041029-019A	406-CES-18	NELAP		1.0	**2.5**	µg/L	1	05/08/2024 5:25	04/08/2024 0:00
24041029-020A	406-CES-19	NELAP		1.0	**3.7**	µg/L	1	05/08/2024 5:28	04/08/2024 0:00
24041029-021A	406-CES-20	NELAP		1.0	**5.0**	µg/L	1	05/08/2024 5:52	04/08/2024 0:00
24041029-022A	406-CES-21	NELAP		1.0	**2.4**	µg/L	1	05/08/2024 5:31	04/08/2024 0:00
24041029-023A	406-CES-22	NELAP		1.0	**2.8**	µg/L	1	05/08/2024 5:55	04/08/2024 0:00
24041029-024A	406-CES-23	NELAP		1.0	**1.7**	µg/L	1	05/08/2024 5:58	04/08/2024 0:00
24041029-025A	406-CES-24	NELAP		1.0	**1.0**	µg/L	1	05/08/2024 6:02	04/08/2024 0:00
24041029-026A	406-CES-25	NELAP		1.0	**2.7**	µg/L	1	05/08/2024 6:05	04/08/2024 0:00
24041029-027A	406-CES-26	NELAP		1.0	**2.6**	µg/L	1	05/08/2024 6:09	04/08/2024 0:00
24041029-028A	406-CES-27	NELAP		1.0	**4.2**	µg/L	1	05/08/2024 7:20	04/08/2024 0:00
24041029-029A	406-CES-28	NELAP		1.0	**< 1.0**	µg/L	1	05/08/2024 7:00	04/08/2024 0:00
24041029-030A	406-CES-29	NELAP		1.0	**3.0**	µg/L	1	05/08/2024 7:23	04/08/2024 0:00
24041029-031A	406-CES-30	NELAP		1.0	**2.9**	µg/L	1	05/08/2024 7:27	04/08/2024 0:00
24041029-032A	406-CES-31	NELAP		1.0	**5.3**	µg/L	1	05/08/2024 7:30	04/08/2024 0:00
24041029-033A	406-CES-32	NELAP		1.0	**2.8**	µg/L	1	05/08/2024 7:34	04/08/2024 0:00

Teklab, Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Occu-Tec
Client Project: 923406 Central R-3 SD

Work Order: 24041029
Report Date: 08-May-24

Carrier: Crossroads

Received By: LEH

Completed by: Amber Dilallo
On: 12-Apr-24

Reviewed by: Ellie Hopkins
On: 12-Apr-24

Pages to follow: Chain of custody 3 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 - 4/12/2024 3:17:08 PM

Print PDF

CHAIN OF CUSTODY

Pg 1 of 3 Workorder # 24041029

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

lient: OCCU-TEC, Inc.
ddress: 2604 NE Industrial Dr. Ste 230
ity/State/Zip: North Kansas City, MO
ontact: Nate Jones Phone: 816-890-8749
mail: njones@occutec.com Fax:

e these samples known to be involved in litigation? If yes, a surcharge will apply: ☐ Yes ☑ No
e these samples known to be hazardous? ☐ Yes ☑ No
e there any required reporting limits to be met on the requested analysis?. If yes, please provide
its 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:
Sample IDs/date+time checked - [illegible] 4/11

Client Comments:
5 ppb

ROJECT NAME/NUMBER: 23406 Central R-3 SD
SAMPLE COLLECTOR'S NAME: N. Jones

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	Pb 200.8
24041029-001	406-CES-00	4/9/2024	Drinking Water										✓
002	406-CES-01		Drinking Water										✓
003	406-CES-02		Drinking Water										✓
004	406-CES-03		Drinking Water										✓
005	406-CES-04		Drinking Water										✓
006	406-CES-05		Drinking Water										✓
007	406-CES-06		Drinking Water										✓
008	406-CES-07		Drinking Water										✓
009	406-CES-08		Drinking Water										✓
010	406-CES-09		Drinking Water										✓
011	406-CES-10		Drinking Water										✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	4/9/2024 17:00	[signature]	4/10/24 1104
[signature]	4/11/24 1600	[signature]	4/12/24 1315

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

Print PDF

CHAIN OF CUSTODY

Pg 2 of 3 Workorder # 24041029

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 Dr. Ste 230
City/State/Zip: North Kansas City, MO
Contact: Nate Jones Phone: 816-890-8749
Email: njones@occutec.com Fax:

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

Client Comments:
5 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: 23406 Central R-3 SD
SAMPLE COLLECTOR'S NAME: N. Jones

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: Pb 200.8
24041029 012	406-CES-11	4/8/2024	Drinking Water										✔
013	406-CES-12		Drinking Water										✔
014	406-CES-13		Drinking Water										✔
015	406-CES-14		Drinking Water										✔
016	406-CES-15		Drinking Water										✔
017	406-CES-16		Drinking Water										✔
018	406-CES-17		Drinking Water										✔
019	406-CES-18		Drinking Water										✔
020	406-CES-19		Drinking Water										✔
021	406-CES-20		Drinking Water										✔
022	406-CES-21		Drinking Water										✔

Relinquished By	Date/Time	Received By	Date/Time
[signature]	4/9/2024 17:00	[signature]	4/10/24 1109
[signature]	4/11/24 1600	[signature]	4/12/24 1315

Print PDF

CHAIN OF CUSTODY

Pg 3 of 3 Workorder # 24041029

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 Dr. Ste 230
City/State/Zip: North Kansas City, MO
Contact: Nate Jones Phone: 816-890-8749
Email: njones@occutec.com Fax:

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

Client Comments:
5 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: 23406 Central R-3 SD
SAMPLE COLLECTOR'S NAME: N. Jones

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: Pb 200.8
24041029 023	406-22-CES-22	4/8/2024	Drinking Water										✔
024	406-CES-23		Drinking Water										✔
025	406-CES-24		Drinking Water										✔
026	406-CES-25		Drinking Water										✔
027	406-CES-26		Drinking Water										✔
028	406-CES-27		Drinking Water										✔
029	406-CES-28		Drinking Water										✔
030	406-CES-29		Drinking Water										✔
031	406-CES-30		Drinking Water										✔
032	406-CES-31		Drinking Water										✔
033	406-CES-32		Drinking Water										✔

Relinquished By	Date/Time	Received By	Date/Time
[signature]	4/9/2024 17:00	[signature]	4/10/24 1109
[signature]	4/11/24 16:00	[signature] XC	4/12/24 13:15

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

OCCU-TEC
Protecting People, Places and Performance

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

May 13, 2024

John Wigger
Central R3 School District
200 High Street
Park Hills, Missouri 63601

RE: Drinking Water Sampling – Central West Elementary School
408 Fite Street, Park Hills, MO 63601
Project Number: 923406

Mr. Wigger,

OCCU-TEC, Inc. (OCCU-TEC) is pleased to present the following report for drinking water sampling completed at Central West Elementary School in Park Hills, Missouri. The sampling was requested and approved by Mr. John Wigger of Central R3 School District (CSD). OCCU-TEC completed drinking water sampling of building service lines, 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 April 8, 2024, Mr. Nathaniel Jones of OCCU-TEC completed testing of twenty-one (21) sources throughout Central West Elementary School. 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.

OCCU-TEC also collected one (1) additional sample from a source near the building's service line to compare concentrations of lead in samples throughout the building with the concentrations entering the building. Immediately before sampling, the faucet was flushed for 3-5 minutes. Location information and photographic documentation for all samples 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, two (2) of the twenty-two (22) contained lead concentrations at or above 5 ppb. Below is a list of samples containing elevated concentrations of lead. Additionally, some sources were not functional at the time of sampling. Non-functional sources are included in the list below and should be sampled prior to returning to service.

Sample ID	Location	Type	Result (ug/L)
406-CWS-00	Kitchen	Service Line Sample	5.4
406-CWS-14	Kitchen	Dish Washing Station	6.4

LIMITATIONS

At the request of CSD, restroom sinks, classroom sinks, and 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.

The service line which exhibited elevated lead concentrations should have a point of entry filter installed to reduce concentrations entering the building.

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 CSD. If you have any questions regarding the contents of this report, please contact us at (816) 231-5580.

Respectfully,

Nathaniel Jones
Environmental Technician

Jeff Smith
Senior Project Manager (QA/QC)

ATTACHMENTS

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

Drinking Water Assessment
Central West Elementary School
Central School District

ID:	406-CWS-00	Location:	Kitchen	
Photo:		Manufacturer:		
		Description:		
		Service Line Sample		
		Result:	5.4	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:	Install Point of Entry Filter and Resample			

ID:	406-CWS-01	Location:	Nurse's Office	
Photo:		Manufacturer:	Elkay	
		Description:		
		Nurse Sink		
		Result:	2.1	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CWS-02	Location:	Art Hallway	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler		
		Result:	4.4	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central West Elementary School
Central School District

ID:	406-CWS-03	Location:	Art Hallway	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	4.3	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CWS-04	Location:	Art Hallway	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler, Left		
		Result:	3.4	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CWS-05	Location:	Art Hallway	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler, Right		
		Result:	3.4	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central West Elementary School
Central School District

ID:	406-CWS-06	Location:	Kitchen Hallway	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler, Left		
		Result:	3	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CWS-07	Location:	Kitchen Hallway	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler		
		Result:	3.2	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CWS-08	Location:	Kitchen	
Photo:		Manufacturer:	T&S Brass	
		Description:		
		Kitchen Dish Sprayer		
		Result:	3.7	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central West Elementary School
Central School District

ID:	406-CWS-09	Location:	Kitchen	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Hand Washing Sink		
		Result:	4	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CWS-10	Location:	Kitchen	
Photo:		Manufacturer:	Fisher	
		Description:		
		Island Dish Sprayer		
		Result:	3.1	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CWS-11	Location:	Kitchen	
Photo:		Manufacturer:	Fisher	
		Description:		
		Island Prep Sink		
		Result:	4	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central West Elementary School
Central School District

ID:	406-CWS-12	Location:	Kitchen	
Photo:		Manufacturer:	Ace	
		Description:		
		Pot Filler (Garden Fixture)		
		Result:	2.2	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CWS-13	Location:	Kitchen	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Dish Station, Left		
		Result:	3.7	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CWS-14	Location:	Kitchen	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Dish Station, Right		
		Result:	6.4	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:		Resample Following POE Filter Installation		

Drinking Water Assessment
Central West Elementary School
Central School District

ID:	406-CWS-15	Location:	Kitchen	
Photo:		Manufacturer:	Unknown	
		Description:		
		Hand Washing Sink		
		Result:	4	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CWS-16	Location:	Floor 3 Grade 4 Hall	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	4.4	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CWS-17	Location:	Floor 3 Grade 4 Hall	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler		
		Result:	4.1	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central West Elementary School
Central School District

ID:	406-CWS-18	Location:	Floor 1 Grade 3 Hall	
Photo:		Manufacturer:	Oasis	
		Description:		
		Drinking Fountain Bubbler, Left		
		Result:	3.4	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CWS-19	Location:	Floor 1 Grade 3 Hall	
Photo:		Manufacturer:	Oasis	
		Description:		
		Drinking Fountain Bubbler, Right		
		Result:	3	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CWS-20	Location:	Floor 1 Grade 5 Hall	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler		
		Result:	4.5	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central West Elementary School
Central School District

ID:	406-CWS-21	Location:	Floor 1 Grade 5 Hall		
Photo:		Manufacturer:	Elkay		
		Description:			
		Drinking Fountain Bottle Filler			
		Result:	4	ppb	
		Date Sampled:	4/8/2024	By:	NJ
Recommended Action:					

May 10, 2024

Nathaniel Jones
Occu-Tec
2604 NE Industrial Drive
Suite 230
North Kansas City, MO 64117
TEL: (816) 890-8749
FAX:

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

RE: 923406 Central R-3 SD

WorkOrder: 24041028

Dear Nathaniel Jones:

TEKLAB, INC received 22 samples on 4/12/2024 1:15:00 PM 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

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

Client: Occu-Tec
Client Project: 923406 Central R-3 SD

Work Order: 24041028
Report Date: 10-May-24

This reporting package includes the following:

Client: Occu-Tec

Work Order: 24041028

Client Project: 923406 Central R-3 SD

Report Date: 10-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)

Client: Occu-Tec

Work Order: 24041028

Client Project: 923406 Central R-3 SD

Report Date: 10-May-24

Qualifiers

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

Client: Occu-Tec

Client Project: 923406 Central R-3 SD

Work Order: 24041028

Report Date: 10-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

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

Accreditations

Client: Occu-Tec

Client Project: 923406 Central R-3 SD

Work Order: 24041028

Report Date: 10-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
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Occu-Tec
Work Order: 24041028
Client Project: 923406 Central R-3 SD
Report Date: 10-May-24
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									
24041028-001A	406-CWS-00	NELAP		1.0	**5.4**	µg/L	1	05/06/2024 5:19	04/08/2024 0:00
24041028-002A	406-CWS-01	NELAP		1.0	**2.1**	µg/L	1	05/06/2024 5:33	04/08/2024 0:00
24041028-003A	406-CWS-02	NELAP		1.0	**4.4**	µg/L	1	05/06/2024 5:36	04/08/2024 0:00
24041028-004A	406-CWS-03	NELAP		1.0	**4.3**	µg/L	1	05/06/2024 5:40	04/08/2024 0:00
24041028-005A	406-CWS-04	NELAP		1.0	**3.4**	µg/L	1	05/06/2024 5:43	04/08/2024 0:00
24041028-006A	406-CWS-05	NELAP		1.0	**3.4**	µg/L	1	05/06/2024 6:43	04/08/2024 0:00
24041028-007A	406-CWS-06	NELAP		1.0	**3.0**	µg/L	1	05/06/2024 5:47	04/08/2024 0:00
24041028-008A	406-CWS-07	NELAP		1.0	**3.2**	µg/L	1	05/06/2024 5:50	04/08/2024 0:00
24041028-009A	406-CWS-08	NELAP		1.0	**3.7**	µg/L	1	05/06/2024 5:54	04/08/2024 0:00
24041028-010A	406-CWS-09	NELAP		1.0	**4.0**	µg/L	1	05/06/2024 6:18	04/08/2024 0:00
24041028-011A	406-CWS-10	NELAP		1.0	**3.1**	µg/L	5	05/09/2024 22:48	04/08/2024 0:00
24041028-012A	406-CWS-11	NELAP		1.0	**4.0**	µg/L	5	05/09/2024 22:51	04/08/2024 0:00
24041028-013A	406-CWS-12	NELAP		1.0	**2.2**	µg/L	1	05/06/2024 15:08	04/08/2024 0:00
24041028-014A	406-CWS-13	NELAP		1.0	**3.7**	µg/L	1	05/06/2024 15:12	04/08/2024 0:00
24041028-015A	406-CWS-14	NELAP		1.0	**6.4**	µg/L	1	05/06/2024 15:15	04/08/2024 0:00
24041028-016A	406-CWS-15	NELAP		1.0	**4.0**	µg/L	1	05/06/2024 15:18	04/08/2024 0:00
24041028-017A	406-CWS-16	NELAP		1.0	**4.4**	µg/L	1	05/06/2024 15:51	04/08/2024 0:00
24041028-018A	406-CWS-17	NELAP		1.0	**4.1**	µg/L	1	05/06/2024 15:54	04/08/2024 0:00
24041028-019A	406-CWS-18	NELAP		1.0	**3.4**	µg/L	1	05/06/2024 16:14	04/08/2024 0:00
24041028-020A	406-CWS-19	NELAP		1.0	**3.0**	µg/L	1	05/06/2024 15:57	04/08/2024 0:00
24041028-021A	406-CWS-20	NELAP		1.0	**4.5**	µg/L	1	05/06/2024 16:01	04/08/2024 0:00
24041028-022A	406-CWS-21	NELAP		1.0	**4.0**	µg/L	1	05/06/2024 16:04	04/08/2024 0:00

Teklab, Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Occu-Tec
Client Project: 923406 Central R-3 SD

Work Order: 24041028
Report Date: 10-May-24

Carrier: Crossroads

Received By: LEH

Completed by: Amber Dilallo
On: 12-Apr-24

Reviewed by: Ellie Hopkins
On: 12-Apr-24

Pages to follow: Chain of custody 2 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 - 4/12/2024 3:14:38 PM

Print PDF

CHAIN OF CUSTODY

Pg 1 of 3 2nd Workorder # 24041028

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 Dr. Ste 230
City/State/Zip: North Kansas City, MO
Contact: Nate Jones Phone: 816-890-8749
Email: njones@occutec.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

Samples on: ☐ ICE ☐ BLUE ICE ☒ NO ICE N/A °C
Preserved in: ☒ LAB ☐ FIELD
FOR LAB USE ONLY
LAB NOTES:
sample ID's, date + time checked - MP 4/11

Client Comments:
5 ppb

PROJECT NAME/NUMBER	SAMPLE COLLECTOR'S NAME
923406 Central R-3 SD	N. Jones

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: Pb 200.8
24041028-001	406-CWS-00	4/8/2024	Drinking Water										✔
002	406-CWS-01		Drinking Water										✔
003	406-CWS-02		Drinking Water										✔
004	406-CWS-03		Drinking Water										✔
005	406-CWS-04		Drinking Water										✔
006	406-CWS-05		Drinking Water										✔
007	406-CWS-06		Drinking Water										✔
008	406-CWS-07		Drinking Water										✔
009	406-CWS-08		Drinking Water										✔
010	406-CWS-09		Drinking Water										✔
011	406-CWS-10		Drinking Water										✔

Relinquished By	Date/Time	Received By	Date/Time
	4/9/2024 17:00		4/10/24 1109
	4/11/24 1600		4/12/24 1315

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

Print PDF

CHAIN OF CUSTODY

Pg 2 of 2 Workorder # 24041028

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 Dr, Ste 230
City/State/Zip: North Kansas City, MO
Contact: Nate Jones Phone: 816-890-8749
Email: njones@occutec.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

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

Client Comments:
5 ppb

PROJECT NAME/NUMBER: 923406 Central R-3 SD

SAMPLE COLLECTOR'S NAME: N. Jones

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

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	Pb 200.8
012	406-CWS-11	4/8/2024	Drinking Water										✔
013	406-CWS-12		Drinking Water										✔
014	406-CWS-13		Drinking Water										✔
015	406-CWS-14		Drinking Water										✔
016	406-CWS-15		Drinking Water										✔
017	406-CWS-16		Drinking Water										✔
018	406-CWS-17		Drinking Water										✔
019	406-CWS-18		Drinking Water										✔
020	406-CWS-19		Drinking Water										✔
021	406-CWS-20		Drinking Water										✔
022	406-CWS-21		Drinking Water										✔

Relinquished By	Date/Time	Received By	Date/Time
[signature]	4/9/2024 1700	[signature]	4/11/24 1109
[signature]	4/11/24 1600	[signature]	4/12/24 1315

*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

OCCU-TEC
Protecting People, Places and Performance

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

May 13, 2024

John Wigger
Central R3 School District
200 High Street
Park Hills, Missouri 63601

RE: Drinking Water Sampling – Central Middle School
801 Columbia Street, Park Hills, MO 63601
Project Number: 923406

Mr. Wigger,

OCCU-TEC, Inc. (OCCU-TEC) is pleased to present the following report for drinking water sampling completed at Central Middle School in Park Hills, Missouri. The sampling was requested and approved by Mr. John Wigger of Central R3 School District (CSD). OCCU-TEC completed drinking water sampling of building service lines, 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 April 8, 2024, Mr. Nathaniel Jones of OCCU-TEC completed testing of twenty-nine (29) sources throughout Central Middle School. 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.

OCCU-TEC also collected two (2) additional sample from a source near the building's service line to compare concentrations of lead in samples throughout the building with the concentrations entering the building. Immediately before sampling, the faucet was flushed for 3-5 minutes. Location information and photographic documentation for all samples 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 thirty-one (31) contained lead concentrations at or above 5 ppb. Below is a list of samples containing elevated concentrations of lead. Additionally, some sources were not functional at the time of sampling. Non-functional sources are included in the list below and should be sampled prior to returning to service.

Sample ID	Location	Type	Result (ug/L)
406-CMS-00	Teacher's Lounge Restroom	Main Service Line	6.7
406-CMS-09	Kitchen	Island Prep Sink	12
406-CMS-11	Cafeteria	Drinking Fountain Bubbler	Non-Functional, Not Sampled
406-CMS-27	Grade 6 Hallway	Drinking Fountain Bubbler	Non-Functional, Not Sampled
406-CMS-29	Shop Classroom	Drinking Fountain Bottle Filler	Non-Functional, Not Sampled
406-CMS-32	Softball Field	Exterior Hydrant	61.9

LIMITATIONS

At the request of CSD, restroom sinks, classroom sinks, and 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.

The service line which exhibited elevated lead concentrations should have a point of entry filter installed to reduce concentrations entering the building. Sources which were unable to be sampled due to functional issues should be sampled before returning to service or removed from service outright.

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 CSD. If you have any questions regarding the contents of this report, please contact us at (816) 231-5580.

Respectfully,

Nathaniel Jones
Environmental Technician

Jeff Smith
Senior Project Manager (QA/QC)

ATTACHMENTS

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

Drinking Water Assessment
Central Middle School
Central School District

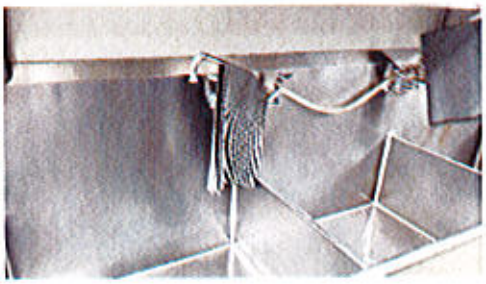
ID:	406-CMS-00	Location:	Teacher Lounge RR	
Photo:		Manufacturer:		
		Description:		
		Main Building Service Line		
		Result:	6.7	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:	Install Point of Entry Filter and Resample			

ID:	406-CMS-00.5	Location:	Grade 6 Hallway	
Photo:		Manufacturer:		
		Description:		
		Grade 6 Hall Service Line		
		Result:	2.7	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CMS-01	Location:	Kitchen	
Photo:		Manufacturer:	Manitowoc	
		Description:		
		Ice Machine		
		Result:	<1.0	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central Middle School
Central School District

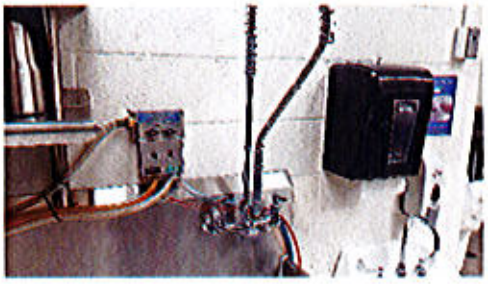
ID:	406-CMS-02	Location:	Kitchen	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Hand Washing Sink, North Wall, West Side		
		Result:	3.4	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CMS-03	Location:	Kitchen	
Photo:		Manufacturer:	T&S Brass	
		Description:		
		Dish Station, Left		
		Result:	3.1	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CMS-04	Location:	Kitchen	
Photo:		Manufacturer:	T&S Brass	
		Description:		
		Dish Station, Right		
		Result:	3.7	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central Middle School
Central School District

ID:	406-CMS-05	Location:	Kitchen	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Hand Washing Sink, North Wall East Side		
		Result:	3.1	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CMS-06	Location:	Kitchen	
Photo:		Manufacturer:	T&S Brass	
		Description:		
		Dish Return Sprayer		
		Result:	4	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CMS-07	Location:	Kitchen	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Hand Washing Sink, South Wall		
		Result:	4.7	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CMS-08	Location:	Kitchen	
Photo:		Manufacturer:	T&S Brass	
		Description:		
		Pot Filler		
		Result:	2.2	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CMS-09	Location:	Kitchen	
Photo:		Manufacturer:	T&S Brass	
		Description:		
		Island Sink		
		Result:	12	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:		Replace Fixture/Unit and Resample		

ID:	406-CMS-10	Location:	Kitchen	
Photo:		Manufacturer:	T&S Brass	
		Description:		
		Kitchen Dish Sprayer, West Wall		
		Result:	3.6	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central Middle School
Central School District

ID:	406-CMS-11	Location:	Cafeteria	
Photo:	Photo Not Taken	Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler, Left (Non-Functional)		
		Result:	N/A	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:	Sample Before Returning to Service			

ID:	406-CMS-12	Location:	Cafeteria	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	<1.0	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CMS-13	Location:	Nurse Office	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Nurse Sink		
		Result:	3.3	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central Middle School
Central School District

ID:	406-CMS-14	Location:	Outside Gym	
Photo:		Manufacturer:	Elkay	
		Description:		
		North Drinking Fountain Bottle Filler		
		Result:	<1.0	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CMS-15	Location:	Outside Gym	
Photo:		Manufacturer:	Elkay	
		Description:		
		South Drinking Fountain Bubbler		
		Result:	2.7	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CMS-16	Location:	Mechanical Room Hall	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	3.7	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CMS-17	Location:	Home Ec. Room	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		North Wall West Station		
		Result:	3.6	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CMS-18	Location:	Home Ec. Room	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		North Wall East Station		
		Result:	2.7	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CMS-19	Location:	Home Ec. Room	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		East Wall North Station		
		Result:	3.6	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central Middle School
Central School District

ID:	406-CMS-20	Location:	Home Ec. Room	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		East Wall South Station		
		Result:	2.7	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CMS-21	Location:	Library Hall Girls' RR	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler		
		Result:	4.3	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CMS-22	Location:	Library Hall Boys' RR	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler		
		Result:	3.9	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central Middle School
Central School District

ID:	406-CMS-23	Location:	Science Wing	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler, Left		
		Result:	1.6	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CMS-24	Location:	Science Wing	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler, Right		
		Result:	1.6	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CMS-25	Location:	Teacher Lounge Hall	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	2.7	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central Middle School
Central School District

ID:	406-CMS-26	Location:	Teacher Lounge Hall	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler		
		Result:	2.7	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CMS-27	Location:	Grade 6 Hall	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler, Left (Non-Functional)		
		Result:	N/A	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:		Sample Before Returning to Service		

ID:	406-CMS-28	Location:	Grade 6 Hall	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler, Right		
		Result:	2.8	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central Middle School
Central School District

ID:	406-CMS-29	Location:	Shop Class	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler (Non-Functional)		
		Result:	N/A	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:	Sample Before Returning to Service			

ID:	406-CMS-30	Location:	Shop Class	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler, Left		
		Result:	<1.0	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CMS-31	Location:	Shop Class	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler, Right		
		Result:	<1.0	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central Middle School
Central School District

ID:	406-CMS-32	Location:	Softball Field	
Photo:		Manufacturer:	Unknown	
		Description:		
		Exterior Hydrant (Not Flushed)		
		Result:	61.9	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:	Replace Fixture/Unit and Resample			

May 10, 2024

Nathaniel Jones
Occu-Tec
2604 NE Industrial Drive
Suite 230
North Kansas City, MO 64117
TEL: (816) 890-8749
FAX:

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

RE: 923406 Central R-3 SD **WorkOrder:** 24041030

Dear Nathaniel Jones:

TEKLAB, INC received 31 samples on 4/12/2024 1:15:00 PM 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

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

Client: Occu-Tec
Client Project: 923406 Central R-3 SD

Work Order: 24041030
Report Date: 10-May-24

This reporting package includes the following:

Client: Occu-Tec

Work Order: 24041030

Client Project: 923406 Central R-3 SD

Report Date: 10-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)

Client: Occu-Tec

Work Order: 24041030

Client Project: 923406 Central R-3 SD

Report Date: 10-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

Client: Occu-Tec
Client Project: 923406 Central R-3 SD

Work Order: 24041030
Report Date: 10-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

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: Occu-Tec

Client Project: 923406 Central R-3 SD

Work Order: 24041030

Report Date: 10-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
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Occu-Tec

Client Project: 923406 Central R-3 SD

Matrix: DRINKING WATER

Work Order: 24041030

Report Date: 10-May-24

EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)

Lead

Sample ID	Client Sample ID	Certification	Qual	RL	Result	Units	DF	Date Analyzed	Date Collected
24041030-001A	406-CMS-00	NELAP		1.0	**6.7**	µg/L	1	05/05/2024 23:30	04/08/2024 0:00
24041030-002A	406-CMS-00.5	NELAP		1.0	**2.7**	µg/L	1	05/05/2024 23:34	04/08/2024 0:00
24041030-003A	406-CMS-01	NELAP		1.0	**< 1.0**	µg/L	1	05/05/2024 23:37	04/08/2024 0:00
24041030-004A	406-CMS-02	NELAP		1.0	**3.4**	µg/L	1	05/06/2024 0:40	04/08/2024 0:00
24041030-005A	406-CMS-03	NELAP		1.0	**3.1**	µg/L	1	05/05/2024 23:41	04/08/2024 0:00
24041030-006A	406-CMS-04	NELAP		1.0	**3.7**	µg/L	1	05/05/2024 23:44	04/08/2024 0:00
24041030-007A	406-CMS-05	NELAP		1.0	**3.1**	µg/L	1	05/05/2024 23:47	04/08/2024 0:00
24041030-008A	406-CMS-06	NELAP		1.0	**4.0**	µg/L	1	05/05/2024 23:51	04/08/2024 0:00
24041030-009A	406-CMS-07	NELAP		1.0	**4.7**	µg/L	1	05/06/2024 0:15	04/08/2024 0:00
24041030-010A	406-CMS-08	NELAP		1.0	**2.2**	µg/L	1	05/06/2024 0:19	04/08/2024 0:00
24041030-011A	406-CMS-09	NELAP		1.0	**12.0**	µg/L	1	05/06/2024 0:22	04/08/2024 0:00
24041030-012A	406-CMS-10	NELAP		1.0	**3.6**	µg/L	1	05/06/2024 0:26	04/08/2024 0:00
24041030-013A	406-CMS-12	NELAP		1.0	**< 1.0**	µg/L	1	05/06/2024 0:29	04/08/2024 0:00
24041030-014A	406-CMS-13	NELAP		1.0	**3.3**	µg/L	1	05/06/2024 0:33	04/08/2024 0:00
24041030-015A	406-CMS-14	NELAP		1.0	**< 1.0**	µg/L	1	05/06/2024 0:36	04/08/2024 0:00
24041030-016A	406-CMS-15	NELAP		1.0	**2.7**	µg/L	1	05/06/2024 1:00	04/08/2024 0:00
24041030-017A	406-CMS-16	NELAP		1.0	**3.7**	µg/L	1	05/06/2024 1:04	04/08/2024 0:00
24041030-018A	406-CMS-17	NELAP		1.0	**3.6**	µg/L	1	05/06/2024 1:25	04/08/2024 0:00
24041030-019A	406-CMS-18	NELAP		1.0	**2.7**	µg/L	1	05/06/2024 1:07	04/08/2024 0:00
24041030-020A	406-CMS-19	NELAP		1.0	**3.6**	µg/L	1	05/06/2024 1:11	04/08/2024 0:00
24041030-021A	406-CMS-20	NELAP		1.0	**2.7**	µg/L	1	05/06/2024 1:56	04/08/2024 0:00
24041030-022A	406-CMS-21	NELAP		1.0	**4.3**	µg/L	1	05/06/2024 2:00	04/08/2024 0:00
24041030-023A	406-CMS-22	NELAP		1.0	**3.9**	µg/L	1	05/06/2024 2:03	04/08/2024 0:00
24041030-024A	406-CMS-23	NELAP		1.0	**1.6**	µg/L	1	05/06/2024 2:07	04/08/2024 0:00
24041030-025A	406-CMS-24	NELAP		1.0	**1.6**	µg/L	1	05/06/2024 2:31	04/08/2024 0:00
24041030-026A	406-CMS-25	NELAP		1.0	**2.7**	µg/L	1	05/06/2024 2:55	04/08/2024 0:00
24041030-027A	406-CMS-26	NELAP		1.0	**2.7**	µg/L	1	05/06/2024 2:34	04/08/2024 0:00
24041030-028A	406-CMS-28	NELAP		1.0	**2.8**	µg/L	1	05/06/2024 2:38	04/08/2024 0:00
24041030-029A	406-CMS-30	NELAP		1.0	**< 1.0**	µg/L	1	05/06/2024 2:41	04/08/2024 0:00
24041030-030A	406-CMS-31	NELAP		1.0	**< 1.0**	µg/L	1	05/06/2024 2:45	04/08/2024 0:00
24041030-031A	406-CMS-32	NELAP		1.0	**61.9**	µg/L	5	05/09/2024 22:55	04/08/2024 0:00

Receiving Check List

Teklab, Inc. Environmental Laboratory

http://www.teklabinc.com/

Client: Occu-Tec

Client Project: 923406 Central R-3 SD

Work Order: 24041030

Report Date: 10-May-24

Carrier: Crossroads

Received By: LEH

Completed by: Amber Dilallo
On: 12-Apr-24

Reviewed by: Ellie Hopkins
On: 12-Apr-24

Pages to follow: Chain of custody [3] 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. - amberd lallo - 4/12/2024 3:15:52 PM

Print PDF

CHAIN OF CUSTODY

Pg 1 of 3 Workorder # 24041030

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 Dr. Ste 230
City/State/Zip: North Kansas City, MO
Contact: Nate Jones Phone: 816-890-8749
Email: njones@occutec.com Fax:

Samples on: ☐ ICE ☐ BLUE ICE ☒ NO ICE N/A °C
Preserved in: ☒ LAB ☐ FIELD FOR LAB USE ONLY
LAB NOTES:
sample IDs, date&time checked -WG 4/11

Client Comments:
5 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
323406 Central R-3 SD

SAMPLE COLLECTOR'S NAME
N. Jones

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: Pb 200.8
24041030-001	406- CMS-00	4/8/2024	Drinking Water										✔
002	406- CMS-00.5		Drinking Water										✔
003	406- CMS-01		Drinking Water										✔
004	406- CMS-02		Drinking Water										✔
005	406- CMS-03		Drinking Water										✔
006	406- CMS-04		Drinking Water										✔
007	406- CMS-05		Drinking Water										✔
008	406- CMS-06		Drinking Water										✔
009	406- CMS-07		Drinking Water										✔
010	406- CMS-08		Drinking Water										✔
011	406- CMS-09		Drinking Water										✔

Relinquished By	Date/Time	Received By	Date/Time
[signature]	4/9/2024 17:00	[signature]	4/10/24 1109
[signature]	4/11/24 1600	[signature] XC	4/12/24 1315

Print PDF

CHAIN OF CUSTODY

Pg 2 of 3 Workorder # 24041030

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 Dr. Ste 230
City/State/Zip: North Kansas City, MO
Contact: Nate Jones Phone: 816-890-8749
Email: njones@occutec.com Fax:

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

Client Comments:
5 ppb

Are these samples known to be involved in litigation? If yes, a surcharge will apply: ☐ Yes ☑ No
Are those 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
923406 Central R-3 SD

SAMPLE COLLECTOR'S NAME
N. Jones

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: Pb 200.8
24041030 002	406-CMS-10	4/8/2024	Drinking Water										✓
003	406-CMS-12		Drinking Water										✓
004	406-CMS-13		Drinking Water										✓
005	406-CMS-14		Drinking Water										✓
006	406-CMS-15		Drinking Water										✓
007	406-CMS-16		Drinking Water										✓
008	406-CMS-17		Drinking Water										✓
009	406-CMS-18		Drinking Water										✓
020	406-CMS-19		Drinking Water										✓
021	406-CMS-20		Drinking Water										✓
022	406-CMS-21		Drinking Water										✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	4/9/2024 17:00	[signature]	4/10/24 1109
[signature]	4/11/24 1600	[signature] XX	4/12/24 1315

Print PDF

CHAIN OF CUSTODY

Pg 3 of 3 Workorder # 24041030

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 Dr. Ste 230
City/State/Zip: North Kansas City, MO
Contact: Nate Jones Phone: 816-890-8749
Email: njones@occutec.com Fax:

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

Client Comments:
5 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
923406 Central R-3 SD

SAMPLE COLLECTOR'S NAME
N. Jones

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: Pb 200.8
24041030 023	406- CMS-22	4/8/2024	Drinking Water										✔
024	406- CMS-23		Drinking Water										✔
025	406- CMS-24		Drinking Water										✔
026	406- CMS-25		Drinking Water										✔
027	406- CMS-26		Drinking Water										✔
028	406- CMS-28		Drinking Water										✔
029	406- CMS-30		Drinking Water										✔
030	406- CMS-31		Drinking Water										✔
031	406- CMS-32		Drinking Water										✔
	406-		Drinking Water										✔
	406-		Drinking Water										✔

Relinquished By	Date/Time	Received By	Date/Time
Michigan Fed	4/9/2024 17:00		4/10/24 1109
	4/11/24 1600		4/12/24 1315

*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

OCCU-TEC
Protecting People, Places and Performance

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

May 13, 2024

John Wigger
Central R3 School District
200 High Street
Park Hills, Missouri 63601

RE: Drinking Water Sampling – Central High School
116 Rebel Flat Drive, Flat River, MO 63601
Project Number: 923406

Mr. Wigger,

OCCU-TEC, Inc. (OCCU-TEC) is pleased to present the following report for drinking water sampling completed at Central High School in Flat River, Missouri. The sampling was requested and approved by Mr. John Wigger of Central R3 School District (CSD). OCCU-TEC completed drinking water sampling of building service lines, 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 April 8, 2024, Mr. Nathaniel Jones of OCCU-TEC completed testing of twenty-eight (28) sources throughout Central High School. 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.

OCCU-TEC also collected one (1) additional sample from a source near the building's service line to compare concentrations of lead in samples throughout the building with the concentrations entering the building. Immediately before sampling, the faucet was flushed for 3-5 minutes. Location information and photographic documentation for all samples 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, four (4) of the thirty (30) contained lead concentrations at or above 5 ppb. Below is a list of samples containing elevated concentrations of lead. Additionally, some sources were not functional at the time of sampling. Non-functional sources are included in the list below and should be sampled prior to returning to service.

Sample ID	Location	Type	Result (ug/L)
406-CHS-08	Gym Area Women's Restroom	Drinking Fountain Bubbler	Non-Functional, Not Sampled
406-CHS-09	Café Cellar	Kitchenette Sink	6.8
406-CHS-11	Nurse's Office	Sink	5.0
406-CHS-17	Kitchen Dish Return	Hand Washing Sink	6.4
406-CHS-25	Home Economics Room	East Wall Kitchen Station	49.7

LIMITATIONS

At the request of CSD, restroom sinks, classroom sinks, and 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. Sources which were unable to be sampled due to functional issues should be sampled before returning to service or removed from service outright.

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 CSD. If you have any questions regarding the contents of this report, please contact us at (816) 231-5580.

Respectfully,

Nathaniel Jones
Environmental Technician

Jeff Smith
Senior Project Manager (QA/QC)

ATTACHMENTS

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

Drinking Water Assessment
Central High School
Central School District

ID:	406-CHS-00	Location:	Teacher Lounge	
Photo:		Manufacturer:		
		Description:		
		Service Line		
		Result:	2.9	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CHS-01	Location:	Backstage Auditorium	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler		
		Result:	3.2	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CHS-02	Location:	Weight Room	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	<1.0	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central High School
Central School District

ID:	406-CHS-03	Location:	Weight Room	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler, left		
		Result:	<1.0	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CHS-04	Location:	Weight Room	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler, Right		
		Result:	<1.0	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CHS-05	Location:	Gym	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	3	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central High School
Central School District

ID:	406-CHS-06	Location:	Gym Area Men's RR	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler		
		Result:	4.1	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CHS-07	Location:	Gym Area Women's RR	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	<1.0	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CHS-08	Location:	Gym Area Women's RR	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler (Non-Functional)		
		Result:	N/A	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:		Sample Before Returning to Service		

Drinking Water Assessment
Central High School
Central School District

ID:	406-CHS-09	Location:	Café Cellar	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Kitchenette Sink		
		Result:	6.8	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:	Replace Fixture/Unit and Resample			

ID:	406-CHS-10	Location:	Math Hall Restroom	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	4	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CHS-11	Location:	Nurse Office	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		Nurse Sink		
		Result:	5	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:	Replace Fixture/Unit and Resample			

Drinking Water Assessment
Central High School
Central School District

ID:	406-CHS-12	Location:	Floor 2 Restrooms	
Photo:		Manufacturer:	Oasis	
		Description:		
		Drinking Fountain Bubbler		
		Result:	2.7	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CHS-13	Location:	Floor 2 Restrooms	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	3.5	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CHS-14	Location:	Floor 2 Cafeteria Hall	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	<1.0	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central High School
Central School District

ID:	406-CHS-15	Location:	Floor 2 Cafeteria Hall	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler		
		Result:	<1.0	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CHS-16	Location:	Kitchen Dish Return	
Photo:		Manufacturer:	Fisher	
		Description:		
		Kitchen Dish Sprayer		
		Result:	2.2	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CHS-17	Location:	Kitchen Dish Return	
Photo:		Manufacturer:	Unknown	
		Description:		
		Hand Washing Sink		
		Result:	6.4	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:		Replace Fixture/Unit and Resample		

Drinking Water Assessment
Central High School
Central School District

ID:	406-CHS-18	Location:	Kitchen	
Photo:		Manufacturer:	Unknown	
		Description:		
		Hand Washing Sink		
		Result:	4.8	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CHS-19	Location:	Kitchen	
Photo:		Manufacturer:	Fisher	
		Description:		
		Dish Station, Right		
		Result:	2.5	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CHS-20	Location:	Kitchen	
Photo:		Manufacturer:	Fisher	
		Description:		
		Dish Station, Left		
		Result:	<1.0	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central High School
Central School District

ID:	406-CHS-21	Location:	Kitchen	
Photo:		Manufacturer:	Fisher	
		Description:		
		Kitchen Dish Sprayer		
		Result:	3	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CHS-22	Location:	Kitchen	
Photo:		Manufacturer:	Unknown	
		Description:		
		Pot Filler		
		Result:	4.6	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CHS-23	Location:	Kitchen	
Photo:		Manufacturer:	Unknown	
		Description:		
		Prep Sink		
		Result:	2.6	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central High School
Central School District

ID:	406-CHS-24	Location:	Kitchen	
Photo:		Manufacturer:	Scotsman	
		Description:		
		Ice Machine		
		Result:	1.1	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CHS-25	Location:	Home Ec. Room	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		East Wall Station		
		Result:	49.7	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:		Replace Fixture/Unit and Resample		

ID:	406-CHS-26	Location:	Home Ec. Room	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		South Wall Station, East		
		Result:	4.7	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central High School
Central School District

ID:	406-CHS-27	Location:	Home Ec. Room	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		South Wall Station, Center		
		Result:	4	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CHS-28	Location:	Home Ec. Room	
Photo:		Manufacturer:	Chicago Faucet Co.	
		Description:		
		South Wall Station, West		
		Result:	2.5	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

ID:	406-CHS-29	Location:	Floor 1 Restrooms	
Photo:		Manufacturer:	Oasis	
		Description:		
		Drinking Fountain Bubbler (Non-Functional)		
		Result:	4	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

Drinking Water Assessment
Central High School
Central School District

ID:	406-CHS-30	Location:	Floor 1 Restrooms	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	2.9	ppb
		Date Sampled:	4/8/2024	By: NJ
Recommended Action:				

May 10, 2024

Nathaniel Jones
Occu-Tec
2604 NE Industrial Drive
Suite 230
North Kansas City, MO 64117
TEL: (816) 890-8749
FAX:

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

RE: 923406 Central R-3 SD

WorkOrder: 24041027

Dear Nathaniel Jones:

TEKLAB, INC received 29 samples on 4/12/2024 1:15:00 PM 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

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

Client: Occu-Tec
Client Project: 923406 Central R-3 SD

Work Order: 24041027
Report Date: 10-May-24

This reporting package includes the following:

Client: Occu-Tec

Work Order: 24041027

Client Project: 923406 Central R-3 SD

Report Date: 10-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)

Client: Occu-Tec

Work Order: 24041027

Client Project: 923406 Central R-3 SD

Report Date: 10-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

Client: Occu-Tec
Client Project: 923406 Central R-3 SD

Work Order: 24041027
Report Date: 10-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

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: Occu-Tec

Client Project: 923406 Central R-3 SD

Work Order: 24041027

Report Date: 10-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
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Occu-Tec

Client Project: 923406 Central R-3 SD

Matrix: DRINKING WATER

Work Order: 24041027

Report Date: 10-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									
24041027-001A	406-CHS-01	NELAP		1.0	**3.2**	µg/L	1	05/06/2024 6:22	04/08/2024 0:00
24041027-002A	406-CHS-02	NELAP		1.0	**< 1.0**	µg/L	1	05/06/2024 6:25	04/08/2024 0:00
24041027-003A	406-CHS-03	NELAP		1.0	**< 1.0**	µg/L	1	05/06/2024 6:29	04/08/2024 0:00
24041027-004A	406-CHS-04	NELAP		1.0	**< 1.0**	µg/L	1	05/06/2024 6:32	04/08/2024 0:00
24041027-005A	406-CHS-05	NELAP		1.0	**3.0**	µg/L	1	05/06/2024 6:36	04/08/2024 0:00
24041027-006A	406-CHS-06	NELAP		1.0	**4.1**	µg/L	1	05/06/2024 6:39	04/08/2024 0:00
24041027-007A	406-CHS-07	NELAP		1.0	**< 1.0**	µg/L	1	05/06/2024 15:22	04/08/2024 0:00
24041027-008A	406-CHS-09	NELAP		1.0	**6.8**	µg/L	5	05/09/2024 22:37	04/08/2024 0:00
24041027-009A	406-CHS-10	NELAP		1.0	**4.0**	µg/L	5	05/09/2024 22:40	04/08/2024 0:00
24041027-010A	406-CHS-11	NELAP		1.0	**5.0**	µg/L	1	05/06/2024 15:05	04/08/2024 0:00
24041027-011A	406-CHS-12	NELAP		1.0	**2.7**	µg/L	1	05/06/2024 18:27	04/08/2024 0:00
24041027-012A	406-CHS-13	NELAP		1.0	**3.5**	µg/L	1	05/06/2024 19:11	04/08/2024 0:00
24041027-013A	406-CHS-14	NELAP		1.0	**< 1.0**	µg/L	1	05/06/2024 17:29	04/08/2024 0:00
24041027-014A	406-CHS-15	NELAP		1.0	**< 1.0**	µg/L	1	05/06/2024 17:33	04/08/2024 0:00
24041027-015A	406-CHS-16	NELAP		1.0	**2.2**	µg/L	1	05/06/2024 17:36	04/08/2024 0:00
24041027-016A	406-CHS-17	NELAP		1.0	**6.4**	µg/L	1	05/06/2024 17:39	04/08/2024 0:00
24041027-017A	406-CHS-18	NELAP		1.0	**4.8**	µg/L	1	05/06/2024 18:03	04/08/2024 0:00
24041027-018A	406-CHS-19	NELAP		1.0	**2.5**	µg/L	1	05/06/2024 18:06	04/08/2024 0:00
24041027-019A	406-CHS-20	NELAP		1.0	**< 1.0**	µg/L	1	05/06/2024 18:10	04/08/2024 0:00
24041027-020A	406-CHS-21	NELAP		1.0	**3.0**	µg/L	1	05/06/2024 18:13	04/08/2024 0:00
24041027-021A	406-CHS-22	NELAP		1.0	**4.6**	µg/L	1	05/06/2024 18:17	04/08/2024 0:00
24041027-022A	406-CHS-23	NELAP		1.0	**2.6**	µg/L	1	05/06/2024 18:20	04/08/2024 0:00
24041027-023A	406-CHS-24	NELAP		1.0	**1.1**	µg/L	1	05/06/2024 18:23	04/08/2024 0:00
24041027-024A	406-CHS-25	NELAP		1.0	**49.7**	µg/L	1	05/06/2024 18:47	04/08/2024 0:00
24041027-025A	406-CHS-26	NELAP		1.0	**4.7**	µg/L	5	05/09/2024 22:44	04/08/2024 0:00
24041027-026A	406-CHS-27	NELAP		1.0	**4.0**	µg/L	1	05/06/2024 18:51	04/08/2024 0:00
24041027-027A	406-CHS-28	NELAP		1.0	**2.5**	µg/L	1	05/06/2024 18:54	04/08/2024 0:00
24041027-028A	406-CHS-30	NELAP		1.0	**4.0**	µg/L	1	05/06/2024 18:57	04/08/2024 0:00
24041027-029A	406-CHS-00	NELAP		1.0	**2.9**	µg/L	1	05/06/2024 19:01	04/08/2024 0:00

Teklab, Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Occu-Tec

Client Project: 923406 Central R-3 SD

Work Order: 24041027

Report Date: 10-May-24

Carrier: Crossroads

Received By: LEH

Completed by: Amber Dilallo
On: 12-Apr-24

Reviewed by: Ellie Hopkins
On: 12-Apr-24

Pages to follow: Chain of custody 3 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 - 4/12/2024 3:13:08 PM

Print PDF

CHAIN OF CUSTODY

Pg 1 of 3 Workorder # 24041027

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 Dr. Ste 230
City/State/Zip: North Kansas City, MO
Contact: Nate Jones Phone: 816-890-8749
Email: njones@occutec.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

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

LAB NOTES:
Sample ID's / date & time checked

Client Comments:
5 ppb

PROJECT NAME/NUMBER
923406 Central R-3 SD

SAMPLE COLLECTOR'S NAME
N. Jones

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	Pb 200.8
24041027-001	406-CHS-01	4/8/2024	Drinking Water										✔
002	406-CHS-02		Drinking Water										✔
003	406-CHS-03		Drinking Water										✔
004	406-CHS-04		Drinking Water										✔
005	406-CHS-05		Drinking Water										✔
006	406-CHS-06		Drinking Water										✔
007	406-CHS-07		Drinking Water										✔
008	406-CHS-09		Drinking Water										✔
009	406-CHS-10		Drinking Water										✔
010	406-CHS-11		Drinking Water										✔
011	406-CHS-12		Drinking Water										✔

Relinquished By	Date/Time	Received By	Date/Time
[signature]	4/9/2024 17:00	[signature]	4/10/24 1109
[signature]	4/11/24 1600	[signature]	4/12/24 1315

*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

Print PDF

CHAIN OF CUSTODY

Pg 2 of 3 Workorder # 24041027

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 Dr. Ste 230
City/State/Zip: North Kansas City, MO
Contact: Nate Jones Phone: 816-890-8749
Email: njones@occutec.com Fax:

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

Client Comments:
5 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
923406 Central R-3 SD

SAMPLE COLLECTOR'S NAME
N. Jones

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: Pb 200.8
24041027 012	406-CHS-13	4/8/2024	Drinking Water										✔
013	406-CHS-14		Drinking Water										✔
014	406-CHS-15		Drinking Water										✔
015	406-CHS-16		Drinking Water										✔
016	406-CHS-17		Drinking Water										✔
017	406-CHS-18		Drinking Water										✔
018	406-CHS-19		Drinking Water										✔
019	406-CHS-20		Drinking Water										✔
020	406-CHS-21		Drinking Water										✔
021	406-CHS-22		Drinking Water										✔
022	406-CHS-23		Drinking Water										✔

Relinquished By	Date/Time	Received By	Date/Time
	4/9/2024 12:00		4/10/24 1109
	4/11/24 1600		4/12/24 1315

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

Print PDF

CHAIN OF CUSTODY

Pg 3 of 3 Workorder # 24041027

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 Dr. Ste 230
City/State/Zip: North Kansas City, MO
Contact: Nate Jones Phone: 816-890-8749
Email: njones@occutec.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

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

LAB NOTES:
#sample per client -[illegible] [illegible]

Client Comments:
5 ppb

PROJECT NAME/NUMBER
923406 Central R-3 SD

SAMPLE COLLECTOR'S NAME
N. Jones

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

BILLING INSTRUCTIONS

and Type of Containers: UNP, HNO3, NaOH, H2SO4, HCL, MeOH, NaHSO4, TSP, Other
INDICATE ANALYSIS REQUESTED

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	Pb 200.8
24041027 023	406-CHS-24	4/8/2024	Drinking Water										✔
024	406-CHS-25		Drinking Water										✔
025	406-CHS-26		Drinking Water										✔
026	406-CHS-27		Drinking Water										✔
027	406-CHS-28		Drinking Water										✔
	~~406-CHS-29~~ *		Drinking Water										✔
028	406-CHS-30		Drinking Water										✔
029	406-CHS-00		Drinking Water										✔
	406-		Drinking Water										✔
	406-		Drinking Water										✔
	406-		Drinking Water										✔

Relinquished By	Date/Time	Received By	Date/Time
[illegible signature]	4/9/2024 12:00	[illegible signature]	4/10/24 1104
[illegible signature]	4/11/24 1600	[illegible signature]	4/12/24 1315