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May 8, 2024

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

**RE: Drinking Water Sampling – Rockport Heights Elementary School**  
3871 Jeffco Boulevard Arnold, MO 63010  
**Project Number: 923294**

Mr. Kevin Piel,

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

### **METHODOLOGY**

On March 26<sup>th</sup>, 2024, Mr. Justin Arnold of OCCU-TEC completed testing of fifty (50) sources throughout Rockport Heights Elementary. Samples were collected as ‘First Draw’ samples after the fixtures had remained unused for a minimum period of 8 hours. Samples were collected in dedicated 250 milliliter laboratory-provided plastic sample containers. Sample location information and photographic documentation are noted in the attached table.

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

## RESULTS

Samples results were compared to the regulatory limit of 5 parts per billion (ppb) outlined in Missouri Senate Bill 681/662. Of the samples collected, two (2) of the fifty (50) 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)
294-RHE-08	Kitchen	Pot Filler	318
294-RHE-29	Hall Near Room 303	Drinking Fountain Bubbler	NF
294-RHE-44	Hall Near Room 213	Drinking Fountain Bottle Filler	21.6

## LIMITATIONS

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

## RECOMMENDATIONS

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

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

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

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

- Test results and a summary explaining the results.
- A description of any remedial steps taken.

- A description of the general health effects of lead contamination and community specific resources.
- Provide bottled water if there is not enough water to meet the drinking water needs of the students, teachers, and staff.

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

**SIGNATURE(S)**

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

Respectfully,



Kevin Heriford  
Director EH&S Dept.



Brittany Dickmeyer  
Safety Specialist

**ATTACHMENTS**

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

Drinking Water Assessment  
 Rockport Heights Elementary  
 Fox C-6 School District

ID:	294-RHE-01	Location:	Front Entry Girls RR	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink - Left		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-02	Location:	Front Entry Girls RR	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink - Right		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-03	Location:	Front Entry Boys RR	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink - Left		
		Result:	1.5	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

Drinking Water Assessment  
 Rockport Heights Elementary  
 Fox C-6 School District

ID:	294-RHE-04	Location:	Front Entry Boys RR	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink - Right		
		Result:	<1.0	ppb
Recommended Action:		Date Sampled:	3/26/2024	By: JEA

ID:	294-RHE-05	Location:	Front Entry Hall	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler		
		Result:	<1.0	ppb
Recommended Action:		Date Sampled:	3/26/2024	By: JEA

ID:	294-RHE-06	Location:	Front Entry Hall	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	<1.0	ppb
Recommended Action:		Date Sampled:	3/26/2024	By: JEA

Drinking Water Assessment  
 Rockport Heights Elementary  
 Fox C-6 School District

ID:	294-RHE-07	Location:	Front Office Restroom	
Photo:		Manufacturer:	Pfister	
		Description:		
		Handwashing Sink		
		Result:	<1.0	ppb
Recommended Action:		Date Sampled:	3/26/2024	By: JEA

ID:	294-RHE-08	Location:	Kitchen	
Photo:		Manufacturer:	Fisher	
		Description:		
		Pot Filler		
		Result:	<b>318</b>	ppb
Recommended Action:		Date Sampled:	3/26/2024	By: JEA
<b>Remove from Service</b>				

ID:	294-RHE-09	Location:	Kitchen	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Double Sink - Left Side		
		Result:	1	ppb
Recommended Action:		Date Sampled:	3/26/2024	By: JEA

Drinking Water Assessment  
 Rockport Heights Elementary  
 Fox C-6 School District

ID:	294-RHE-10	Location:	Kitchen	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Double Sink - Right Side		
		Result:	1.4	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-11	Location:	Kitchen	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink		
		Result:	2.4	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-12	Location:	Kitchen Dish Room	
Photo:		Manufacturer:	T&S Brass Co.	
		Description:		
		Dish Sprayer		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

Drinking Water Assessment  
 Rockport Heights Elementary  
 Fox C-6 School District

ID:	294-RHE-13	Location:	Kitchen Wash Room	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Sink Left Side		
		Result:	<1.0	ppb
Recommended Action:		Date Sampled:	3/26/2024	By: JEA

ID:	294-RHE-14	Location:	Dish Room Wash	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Sink Right Side		
		Result:	1.5	ppb
Recommended Action:		Date Sampled:	3/26/2024	By: JEA

ID:	294-RHE-15	Location:	Cafeteria	
Photo:		Manufacturer:	Manitowoc	
		Description:		
		Ice Machine		
		Result:	<1.0	ppb
Recommended Action:		Date Sampled:	3/26/2024	By: JEA

Drinking Water Assessment  
 Rockport Heights Elementary  
 Fox C-6 School District

ID:	294-RHE-16	Location:	Hall Near 125	
Photo:		Manufacturer:	Halsey Taylor	
		Description:		
		Drinking Fountain Bottle Filler - Left		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-17	Location:	Hall Near 125	
Photo:		Manufacturer:	Halsey Taylor	
		Description:		
		Drinking Fountain Bubbler - Right		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-18	Location:	Hall Near 117	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

Drinking Water Assessment  
 Rockport Heights Elementary  
 Fox C-6 School District

ID:	294-RHE-19	Location:	Hall Near 117	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-20	Location:	Hall Near 117 Girls RR	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink Left		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-21	Location:	Hall Near 117 Girls RR	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink Right		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

Drinking Water Assessment  
 Rockport Heights Elementary  
 Fox C-6 School District

ID:	294-RHE-22	Location:	Hall Near 117 Boys RR	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink Left		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-23	Location:	Hall Near 117 Boys RR	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink Right		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-24	Location:	Nurse Restroom	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

Drinking Water Assessment  
 Rockport Heights Elementary  
 Fox C-6 School District

ID:	294-RHE-25	Location:	Hall Near 109	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-26	Location:	Hall Near 109	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-27	Location:	Hall Near 303 - Boys RR	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink - Left Side		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

Drinking Water Assessment  
 Rockport Heights Elementary  
 Fox C-6 School District

ID:	294-RHE-28	Location:	Hall Near 303 - Boys RR	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink - Right Side		
		Result:	<1.0	ppb
Recommended Action:		Date Sampled:	3/26/2024	By: JEA

ID:	294-RHE-29	Location:	Hall Near 303	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler - Left not Functional		
		Result:	NA	ppb
Recommended Action:		Date Sampled:	3/26/2024	By: JEA
<b>Replace Fixture/Unit and Resample</b>				

ID:	294-RHE-30	Location:	Hall Near 303	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler - Right		
		Result:	<1.0	ppb
Recommended Action:		Date Sampled:	3/26/2024	By: JEA

Drinking Water Assessment  
 Rockport Heights Elementary  
 Fox C-6 School District

ID:	294-RHE-31	Location:	Hall Near 303	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler Right		
		Result:	<1.0	ppb
Recommended Action:		Date Sampled:	3/26/2024	By: JEA

ID:	294-RHE-32	Location:	Hall Near 303 Girl's RR	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink - Left		
		Result:	<1.0	ppb
Recommended Action:		Date Sampled:	3/26/2024	By: JEA

ID:	294-RHE-33	Location:	Hall Near 303 Girl's RR	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink - Right		
		Result:	<1.0	ppb
Recommended Action:		Date Sampled:	3/26/2024	By: JEA

Drinking Water Assessment  
 Rockport Heights Elementary  
 Fox C-6 School District

ID:	294-RHE-34	Location:	Staff Restroom Near 306	
Photo:		Manufacturer:	unknown	
		Description:		
		Handwashing		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-35	Location:	Hall Near 201	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-36	Location:	Hall Near 201	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

Drinking Water Assessment  
 Rockport Heights Elementary  
 Fox C-6 School District

ID:	294-RHE-37	Location:	Hall near 206	
Photo:		Manufacturer:	Halsey Taylor	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-38	Location:	Hall near 206	
Photo:		Manufacturer:	Halsey Taylor	
		Description:		
		Drinking Fountain Bubbler		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-39	Location:	208 Rest Room	
Photo:		Manufacturer:		
		Description:		
		Handwashing Sink		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

Drinking Water Assessment  
 Rockport Heights Elementary  
 Fox C-6 School District

ID:	294-RHE-40	Location:	BR5	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink Left		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-41	Location:	BR5	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink Right		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-42	Location:	GR5	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink Left		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

Drinking Water Assessment  
 Rockport Heights Elementary  
 Fox C-6 School District

ID:	294-RHE-43	Location:	GR5	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink Right		
		Result:	<1.0	ppb
Recommended Action:		Date Sampled:	3/26/2024	By: JEA

ID:	294-RHE-44	Location:	Hall Near 213	
Photo:		Manufacturer:	Halsey Taylor	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	<b>21.6</b>	ppb
Recommended Action:		Date Sampled:	3/26/2024	By: JEA
<b>Replace Fixture/Unit and Resample</b>				

ID:	294-RHE-45	Location:	Hall Near 222	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler		
		Result:	1.8	ppb
Recommended Action:		Date Sampled:	3/26/2024	By: JEA

Drinking Water Assessment  
 Rockport Heights Elementary  
 Fox C-6 School District

ID:	294-RHE-46	Location:	Hall Near 222	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler		
		Result:	2.5	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-47	Location:	Room 225	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Sink		
		Result:	3.8	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-48	Location:	BR4	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink - Left		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

Drinking Water Assessment  
 Rockport Heights Elementary  
 Fox C-6 School District

ID:	294-RHE-49	Location:	BR4	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink - Right		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-50	Location:	GR4	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink - Left		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

ID:	294-RHE-51	Location:	GR4	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink - Right		
		Result:	<1.0	ppb
Date Sampled:		3/26/2024	By:	JEA
Recommended Action:				

April 24, 2024

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



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

**RE:** 923294 RHE

**WorkOrder:** 24032105

Dear Justin Arnold:

TEKLAB, INC received 50 samples on 3/26/2024 4:00:00 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  
Project Manager  
(618)344-1004 ex 44  
[patrickriley@teklabinc.com](mailto:patrickriley@teklabinc.com)



## Report Contents

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

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**Client:** Occu-Tec

**Work Order:** 24032105

**Client Project:** 923294 RHE

**Report Date:** 24-Apr-24

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**This reporting package includes the following:**

Cover Letter	1
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Receiving Check List	9
Chain of Custody	Appended

Client: Occu-Tec

Work Order: 24032105

Client Project: 923294 RHE

Report Date: 24-Apr-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:** 24032105

**Client Project:** 923294 RHE

**Report Date:** 24-Apr-24

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### 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

Work Order: 24032105

Client Project: 923294 RHE

Report Date: 24-Apr-24

Cooler Receipt Temp: N/A °C

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**Locations**

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**Collinsville**

**Address** 5445 Horseshoe Lake Road  
Collinsville, IL 62234-7425

**Phone** (618) 344-1004

**Fax** (618) 344-1005

**Email** jhriley@teklabinc.com

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**Collinsville Air**

**Address** 5445 Horseshoe Lake Road  
Collinsville, IL 62234-7425

**Phone** (618) 344-1004

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**Email** EHurley@teklabinc.com

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**Springfield**

**Address** 3920 Pintail Dr  
Springfield, IL 62711-9415

**Phone** (217) 698-1004

**Fax** (217) 698-1005

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**Chicago**

**Address** 1319 Butterfield Rd.  
Downers Grove, IL 60515

**Phone** (630) 324-6855

**Fax**

**Email** arenner@teklabinc.com

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**Kansas City**

**Address** 8421 Nieman Road  
Lenexa, KS 66214

**Phone** (913) 541-1998

**Fax** (913) 541-1998

**Email** jhriley@teklabinc.com



## Accreditations

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

Client: Occu-Tec

Work Order: 24032105

Client Project: 923294 RHE

Report Date: 24-Apr-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	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	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



# Laboratory Results

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

Client: Occu-Tec

Work Order: 24032105

Client Project: 923294 RHE

Report Date: 24-Apr-24

Matrix: DRINKING WATER

Sample ID	Client Sample ID	Certification	Qual	RL	Result	Units	DF	Date Analyzed	Date Collected
<b>EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)</b>									
<b>Lead</b>									
24032105-001A	293-RHE-01	NELAP		1.0	< 1.0	µg/L	1	04/19/2024 18:30	03/26/2024 8:56
24032105-002A	293-RHE-02	NELAP		1.0	< 1.0	µg/L	1	04/19/2024 18:34	03/26/2024 8:56
24032105-003A	293-RHE-03	NELAP		1.0	1.5	µg/L	1	04/19/2024 18:44	03/26/2024 8:57
24032105-004A	293-RHE-04	NELAP		1.0	< 1.0	µg/L	1	04/19/2024 18:47	03/26/2024 8:58
24032105-005A	293-RHE-05	NELAP		1.0	< 1.0	µg/L	1	04/19/2024 18:50	03/26/2024 8:59
24032105-006A	293-RHE-06	NELAP		1.0	< 1.0	µg/L	1	04/19/2024 18:54	03/26/2024 9:00
24032105-007A	293-RHE-07	NELAP		1.0	< 1.0	µg/L	1	04/19/2024 18:57	03/26/2024 9:02
24032105-008A	293-RHE-08	NELAP		1.0	318	µg/L	5	04/23/2024 21:05	03/26/2024 9:03
24032105-009A	293-RHE-09	NELAP		1.0	1.0	µg/L	1	04/19/2024 19:00	03/26/2024 9:05
24032105-010A	293-RHE-10	NELAP		1.0	1.4	µg/L	1	04/19/2024 19:16	03/26/2024 9:06
24032105-011A	293-RHE-11	NELAP		1.0	2.4	µg/L	1	04/22/2024 18:34	03/26/2024 9:08
24032105-012A	293-RHE-12	NELAP		1.0	< 1.0	µg/L	1	04/22/2024 18:47	03/26/2024 9:10
24032105-013A	293-RHE-13	NELAP		1.0	< 1.0	µg/L	1	04/22/2024 18:51	03/26/2024 9:12
24032105-014A	293-RHE-14	NELAP		1.0	1.5	µg/L	1	04/22/2024 18:54	03/26/2024 9:14
24032105-015A	293-RHE-15	NELAP		1.0	< 1.0	µg/L	1	04/22/2024 18:57	03/26/2024 9:16
24032105-016A	293-RHE-16	NELAP		1.0	< 1.0	µg/L	1	04/22/2024 19:01	03/26/2024 9:17
24032105-017A	293-RHE-17	NELAP		1.0	< 1.0	µg/L	1	04/22/2024 19:04	03/26/2024 9:18
24032105-018A	293-RHE-18	NELAP		1.0	< 1.0	µg/L	1	04/23/2024 14:54	03/26/2024 9:20
24032105-019A	293-RHE-19	NELAP		1.0	< 1.0	µg/L	1	04/23/2024 14:58	03/26/2024 9:21
24032105-020A	293-RHE-20	NELAP		1.0	< 1.0	µg/L	1	04/23/2024 15:01	03/26/2024 9:22
24032105-021A	293-RHE-21	NELAP		1.0	< 1.0	µg/L	1	04/23/2024 15:15	03/26/2024 9:23
24032105-022A	293-RHE-22	NELAP		1.0	< 1.0	µg/L	1	04/23/2024 15:18	03/26/2024 9:24
24032105-023A	293-RHE-23	NELAP		1.0	< 1.0	µg/L	1	04/23/2024 15:32	03/26/2024 9:25
24032105-024A	293-RHE-24	NELAP		1.0	< 1.0	µg/L	1	04/23/2024 15:35	03/26/2024 9:26
24032105-025A	293-RHE-25	NELAP		1.0	< 1.0	µg/L	1	04/23/2024 15:39	03/26/2024 9:28
24032105-026A	293-RHE-26	NELAP		1.0	< 1.0	µg/L	1	04/23/2024 15:42	03/26/2024 9:30
24032105-027A	293-RHE-27	NELAP		1.0	< 1.0	µg/L	1	04/19/2024 21:37	03/26/2024 9:32
24032105-028A	293-RHE-28	NELAP		1.0	< 1.0	µg/L	1	04/19/2024 21:40	03/26/2024 9:33
24032105-029A	293-RHE-30	NELAP		1.0	< 1.0	µg/L	1	04/19/2024 21:44	03/26/2024 9:35
24032105-030A	293-RHE-31	NELAP		1.0	< 1.0	µg/L	1	04/19/2024 21:47	03/26/2024 9:36
24032105-031A	293-RHE-32	NELAP		1.0	< 1.0	µg/L	1	04/19/2024 23:28	03/26/2024 9:37
24032105-032A	293-RHE-33	NELAP		1.0	< 1.0	µg/L	1	04/19/2024 23:31	03/26/2024 9:38
24032105-033A	293-RHE-34	NELAP		1.0	< 1.0	µg/L	1	04/19/2024 23:35	03/26/2024 9:40
24032105-034A	293-RHE-35	NELAP		1.0	< 1.0	µg/L	1	04/19/2024 23:38	03/26/2024 9:42
24032105-035A	293-RHE-36	NELAP		1.0	< 1.0	µg/L	1	04/19/2024 23:41	03/26/2024 9:44
24032105-036A	293-RHE-37	NELAP		1.0	< 1.0	µg/L	1	04/20/2024 0:05	03/26/2024 9:45
24032105-037A	293-RHE-38	NELAP		1.0	< 1.0	µg/L	1	04/20/2024 0:08	03/26/2024 9:46
24032105-038A	293-RHE-39	NELAP		1.0	< 1.0	µg/L	1	04/20/2024 0:12	03/26/2024 9:46
24032105-039A	293-RHE-40	NELAP		1.0	< 1.0	µg/L	1	04/20/2024 0:15	03/26/2024 9:46
24032105-040A	293-RHE-41	NELAP		1.0	< 1.0	µg/L	1	04/20/2024 0:18	03/26/2024 9:47
24032105-041A	293-RHE-42	NELAP		1.0	< 1.0	µg/L	1	04/20/2024 0:22	03/26/2024 9:48
24032105-042A	293-RHE-43	NELAP		1.0	< 1.0	µg/L	1	04/20/2024 0:25	03/26/2024 9:49
24032105-043A	293-RHE-44	NELAP		1.0	21.6	µg/L	1	04/20/2024 0:28	03/26/2024 9:53
24032105-044A	293-RHE-45	NELAP		1.0	1.8	µg/L	5	04/23/2024 21:09	03/26/2024 9:56
24032105-045A	293-RHE-46	NELAP		1.0	2.5	µg/L	5	04/23/2024 21:22	03/26/2024 9:58
24032105-046A	293-RHE-47	NELAP		1.0	3.8	µg/L	1	04/20/2024 0:42	03/26/2024 9:59
24032105-047A	293-RHE-48	NELAP		1.0	< 1.0	µg/L	1	04/20/2024 0:45	03/26/2024 10:00
24032105-048A	293-RHE-49	NELAP		1.0	< 1.0	µg/L	1	04/20/2024 0:48	03/26/2024 10:01



## Laboratory Results

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

Client: Occu-Tec

Work Order: 24032105

Client Project: 923294 RHE

Report Date: 24-Apr-24

Matrix: DRINKING WATER

Sample ID	Client Sample ID	Certification	Qual	RL	Result	Units	DF	Date Analyzed	Date Collected
<b>EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)</b>									
<b>Lead</b>									
24032105-049A	293-RHE-50	NELAP		1.0	< 1.0	µg/L	1	04/20/2024 0:52	03/26/2024 10:02
24032105-050A	293-RHE-51	NELAP		1.0	< 1.0	µg/L	1	04/20/2024 0:55	03/26/2024 10:03



# Receiving Check List

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

Client: Occu-Tec

Work Order: 24032105

Client Project: 923294 RHE

Report Date: 24-Apr-24

Carrier: Craig McKinney

Received By: AMD

Completed by:

*Amber Dilallo*

Reviewed by:

*Ellie Hopkins*

On:

27-Mar-24

Amber Dilallo

On:

27-Mar-24

Ellie Hopkins

Pages to follow: Chain of custody

Extra pages included

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

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

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

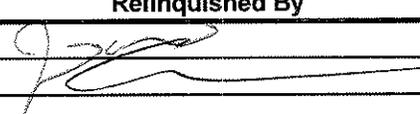
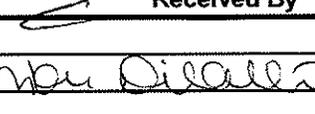
**Any No responses must be detailed below or on the COC.**

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory. - amberdilallo - 3/27/2024 8:01:57 AM

Sample containers labeled 294 rather than 293, but sample labeled are labeled 293. Justin Arnold was notified of this error via work order summary. - amberdilallo - 3/27/2024 2:05:10 PM

**CHAIN OF CUSTODY**

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

Client: <u>OCCU-TEC Inc,</u> Address: <u>2604 NE Industrial Drive Suite 230</u> City/State/Zip: <u>North Kansas City, MO 64117</u> Contact: <u>Justin Arnold</u> Phone: <u>816-810-3276</u> Email: <u>jarnold@occutec.com</u> Fax: <u>816-994-3478</u>				Samples on: <input type="checkbox"/> ICE <input type="checkbox"/> BLUE ICE <input checked="" type="checkbox"/> NO ICE <u>N/A</u> °C Preserved in: <input checked="" type="checkbox"/> LAB <input type="checkbox"/> FIELD <b>FOR LAB USE ONLY</b> LAB NOTES: <u>sample ID on container shows "294", label shows "293" for sample ID 3/27</u>								
Are these samples known to be involved in litigation? If yes, a surcharge will apply: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Are these samples known to be hazardous? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Client Comments: Pb RL <5.0 ppb								
PROJECT NAME/NUMBER 923294		SAMPLE COLLECTOR'S NAME Justin Arnold		# and Type of Containers		INDICATE ANALYSIS REQUESTED						
RESULTS REQUESTED <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 1-2 Day (100% Surcharge) <input type="checkbox"/> Other <input type="checkbox"/> 3 Day (50% Surcharge)			BILLING INSTRUCTIONS			UNP HNO3 NaOH H2SO4 HCL MeOH NaHSO4 TSP Other Lead by 200.8						
Lab Use Only	Sample ID	Date/Time Sampled	Matrix									
24032105-001	293-RHE-01	3/26/2024 - 858	Drinking Water	X								
002	293-RHE-02	3/26/2024 - 859	Drinking Water	X								
003	293-RHE-03	3/26/2024 - 857	Drinking Water	X								
004	293-RHE-04	3/26/2024 - 858	Drinking Water	X								
005	293-RHE-05	3/26/2024 - 859	Drinking Water	X								
006	293-RHE-06	3/26/2024 - 900	Drinking Water	X								
007	293-RHE-07	3/26/2024 - 902	Drinking Water	X								
008	293-RHE-08	3/26/2024 - 903	Drinking Water	X								
009	293-RHE-09	3/26/2024 - 905	Drinking Water	X								
010	293-RHE-10	3/26/2024 - 904	Drinking Water	X								
011	293-RHE-11	3/26/2024 - 908	Drinking Water	X								
Relinquished By 		Date/Time 3-26-24 1500 3/26/24 1600		Received By 		Date/Time 3/26/24 1500 3/26/24 1600						

\*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







