OCCU-TEC
Protecting People, Places and Performance

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

May 7, 2024

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

RE: Drinking Water Sampling – Fox Elementary School
739 Jeffco Blvd, 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 Fox Elementary in Arnold, Missouri. The sampling was requested and approved by Mr. Kevin Piel of Fox School District (FSD). OCCU-TEC completed drinking water sampling of all potential drinking water sources, sources used in food preparation, cleaning, and utensil cleaning. Drinking water sampling was completed in accordance with the requirements set forth in Missouri Senate Bill #681/662 known as the "Get the Lead Out of School Drinking Water Act".

METHODOLOGY

On March 25, 2024, Mr. Justin Arnold of OCCU-TEC completed testing of eighty-eight (88) sources throughout Fox 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, nineteen (19) of the eighty-eight (88) 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-FE-05	Room 104	Sink	8.5
294-FE-08	Room 106	Drinking Fountain Bubbler	NF
294-FE-09	Room 102	Sink	22.1
294-FE-10	Room 102	Drinking Fountain Bubbler	NA
294-FE-14	Room 101	Drinking Fountain Bubbler	NA
294-FE-15	Room 103	Sink	5.5
294-FE-26	Room 202	Sink	6.7
294-FE-27	Room 202	Drinking Fountain Bubbler	NA
294-FE-36	Room 205	Sink	15.7
294-FE-37	Room 205	Drinking Fountain Bubbler	NA
294-FE-38	Room 205	Handwashing Sink-Right	7.2
294-FE-39	Room 205	Handwashing Sink-Left	5.9
294-FE-40	Room 206	Sink	5.8
294-FE-46	Kitchen Restroom	Handwashing Sink	NA
294-FE-50	Teacher's Lounge	Drinking Fountain Bubbler	NA
294-FE-53	Room 302	Sink	10.5
294-FE-54	Room 302	Drinking Fountain Bubbler	NA
294-FE-56	Room 304	Drinking Fountain Bubbler	NA
294-FE-58	Room 306	Drinking Fountain Bubbler	NA
294-FE-61	Room 301	Sink	1830
294-FE-62	Room 301	Drinking Fountain Bubbler	NA
294-FE-63	Room 303	Sink	223
294-FE-64	Room 303	Drinking Fountain Bubbler	NA
294-FE-66	Room 305	Drinking Fountain Bubbler	NA
294-FE-70	Hall Near 305	Drinking Fountain Bubbler - Right	NA
294-FE-73	Room 401	Drinking Fountain Bubbler	NA
294-FE-75	Room 402	Drinking Fountain Bubbler	NA
294-FE-76	Room 404	Sink	15.5
294-FE-77	Room 404	Drinking Fountain Bubbler	NA
294-FE-79	Room 403	Drinking Fountain Bubbler	NA
294-FE-81	Room 405	Drinking Fountain Bubbler	NA
294-FE-83	Room 406	Drinking Fountain Bubbler	NA

294-FE-86	Girl's RR Near RM 503	Handwashing Sink- Right	21.6
294-FE-101	Front Entrance Spigot	Exterior Water Spigot	NA
294-FE-102	Outside Room 105	Exterior Water Spigot	129
294-FE-103	Outside Room 205	Exterior Water Spigot	11.9
294-FE-104	Outside Room 305	Exterior Water Spigot	143
294-FE-105	Outside Room 506	Exterior Water Spigot	1990
294-FE-106	Outside Kitchen	Exterior Water Spigot	405
294-FE-108	Outside Room 104	Exterior Water Spigot	968

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
Fox Elementary
Fox C-6 School District

ID:	294-FE-01	Location:	Front Office Hall	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler - Left		
		Result:	<1.0	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

ID:	294-FE-02	Location:	Front Office Hall	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bottle Filler - Right		
		Result:	<1.0	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

ID:	294-FE-03	Location:	Nurse Office	
Photo:		Manufacturer:	Unknown	
		Description:		
		Sink		
		Result:	1.1	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-04	Location:	Front Office	
Photo:		Manufacturer:	Unknown	
		Description:		
		Sink		
		Result:	2	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

ID:	294-FE-05	Location:	Room 104	
Photo:		Manufacturer:	Unknown	
		Description:		
		Sink		
		Result:	**8.5**	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:		**Replace Fixture/Unit and Resample**		

ID:	294-FE-06	Location:	Room 104	
Photo:		Manufacturer:	Unknown	
		Description:		
		Drinking Fountain Bubbler		
		Result:	4.9	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-07	Location:	Room 106		
Photo:		Manufacturer:	Unknown		
		Description:			
		Sink			
		Result:	4.8	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-08	Location:	Room 106		
Photo:		Manufacturer:	Unknown		
		Description:			
		Drinking Fountain bubbler - Not Functional			
		Result:	NA	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:		Sample Prior to Returning to Service			

ID:	294-FE-09	Location:	Room 102		
Photo:		Manufacturer:	Unknown		
		Description:			
		Sink			
		Result:	22.1	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:		Replace Fixture/Unit and Resample			

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-10	Location:	Room 102		
Photo:		Manufacturer:	Unknown		
		Description:			
		Drinking Fountain Bubbler - Not Functional			
		Result:	NA	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:	Sample Prior to Returning to Service				

ID:	294-FE-11	Location:	Girls Restroom Near 101		
Photo:		Manufacturer:	Chicago Faucet Company		
		Description:			
		Handwashing Sink - Left			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-12	Location:	Girls Restroom Near 101		
Photo:		Manufacturer:	Chicago Faucet Company		
		Description:			
		Handwashing Sink - Right			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-13	Location:	Room 101		
Photo:		Manufacturer:	Unknown		
		Description:			
		Sink			
		Result:	2.3	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

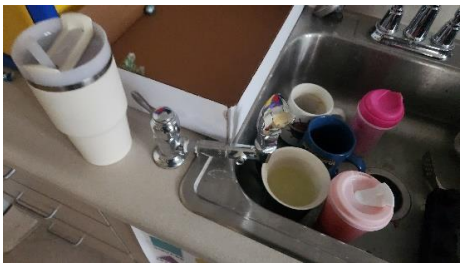
ID:	294-FE-14	Location:	Room 101		
Photo:		Manufacturer:	Unknown		
		Description:			
		Drinking Fountain Bubbler - Not Functional			
		Result:	NA	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:		Sample Prior to Returning to Service			

ID:	294-FE-15	Location:	Room 103		
Photo:		Manufacturer:	Unknown		
		Description:			
		Sink			
		Result:	5.5	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:		Replace Fixture/Unit and Resample			

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-16	Location:	Room 103		
Photo:		Manufacturer:	Unknown		
		Description:			
		Drinking Fountain Bubbler			
		Result:	2	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-17	Location:	Room 105		
Photo:		Manufacturer:	Ap+		
		Description:			
		Sink			
		Result:	1.3	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-18	Location:	Room 105		
Photo:		Manufacturer:	Unknown		
		Description:			
		Drinking Fountain bubbler			
		Result:	2.2	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-19	Location:	Hall Near 105		
Photo:		Manufacturer:	Oasis		
		Description:			
		Drinking Fountain Bubbler - Left			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-20	Location:	Hall Near 105		
Photo:		Manufacturer:	Oasis		
		Description:			
		Drinking Fountain Bottle Filler - Left			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-21	Location:	Hall Near 105		
Photo:		Manufacturer:	Oasis		
		Description:			
		Drinking Fountain Bubbler - Right			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-22	Location:	Hall Near 105 Boys RR	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink - Left		
		Result:	1.7	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

ID:	294-FE-23	Location:	Hall Near 105 Boys RR	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink - Right		
		Result:	3	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

ID:	294-FE-24	Location:	Rom 201	
Photo:		Manufacturer:	Unknown	
		Description:		
		Sink		
		Result:	<1.0	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-25	Location:	Rom 201		
Photo:		Manufacturer:	Unknown		
		Description:			
		Drinking Fountain bubbler			
		Result:	2.4	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-26	Location:	Room 202		
Photo:		Manufacturer:	Unknown		
		Description:			
		Sink			
		Result:	6.7	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:		Replace Fixture/Unit and Resample			

ID:	294-FE-27	Location:	Room 202		
Photo:		Manufacturer:	Unknown		
		Description:			
		Drinking Fountain Bubbler - Not Functional			
		Result:	NA	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:		Sample Prior to Returning to Service			

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-28	Location:	Near 202 Boys RR		
Photo:		Manufacturer:	Unknown		
		Description:			
		Handwashing Sink			
		Result:	2.9	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-29	Location:	Near 202 Girls RR		
Photo:		Manufacturer:	Unknown		
		Description:			
		Handwashing Sink			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-30	Location:	Room 204		
Photo:		Manufacturer:	Halsey Taylor		
		Description:			
		Sink			
		Result:	3.9	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-31	Location:	Room 204		
Photo:		Manufacturer:	Halsey Taylor		
		Description:			
		Drinking Fountain Bubbler			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-32	Location:	Room 203		
Photo:		Manufacturer:	Halsey Taylor		
		Description:			
		Sink			
		Result:	2.2	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-33	Location:	Room 203		
Photo:		Manufacturer:	Halsey Taylor		
		Description:			
		Drinking Fountain Bubbler			
		Result:	4.8	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-34	Location:	Hall Near 204		
Photo:		Manufacturer:	Halsey Taylor		
		Description:			
		Drinking Fountain Bubbler - Left			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-35	Location:	Hall Near 204		
Photo:		Manufacturer:	Halsey Taylor		
		Description:			
		Drinking Fountain Bubbler - Right			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-36	Location:	Room 205		
Photo:		Manufacturer:	American Standard		
		Description:			
		Sink			
		Result:	**15.7**	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:		**Replace Fixture/Unit and Resample**			

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-37	Location:	Room 205		
Photo:		Manufacturer:	American Standard		
		Description:			
		Drinking Fountain Bubbler - Not Functional			
		Result:	NA	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:	Sample Prior to Returning to Service				

ID:	294-FE-38	Location:	Room 205		
Photo:		Manufacturer:	American Standard		
		Description:			
		Handwashing Sink - Right Side			
		Result:	7.2	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:	Replace Fixture/Unit and Resample				

ID:	294-FE-39	Location:	Room 205		
Photo:		Manufacturer:	American Standard		
		Description:			
		Handwashing Sink - Left Side			
		Result:	5.9	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:	Replace Fixture/Unit and Resample				

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-40	Location:	Room 206		
Photo:		Manufacturer:	American Standard		
		Description:			
		Sink			
		Result:	5.8	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:		Replace Fixture/Unit and Resample			

ID:	294-FE-41	Location:	Kitchen		
Photo:		Manufacturer:	Chicago Faucet Company		
		Description:			
		Back Wall Sink - Stand Alone			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-42	Location:	Kitchen		
Photo:		Manufacturer:	Chicago Faucet Company		
		Description:			
		Back Wall Sink - 3 Stage Sink Left Side			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

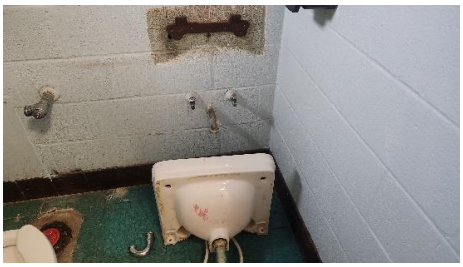
Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-43	Location:	Kitchen	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Back Wall Sink - 3 Stage Sink Right Side		
		Result:	1.1	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

ID:	294-FE-44	Location:	Kitchen	
Photo:		Manufacturer:	T&S Brass Co.	
		Description:		
		Garbage Disposal Sink		
		Result:	<1.0	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

ID:	294-FE-45	Location:	Kitchen	
Photo:		Manufacturer:	Sanguard	
		Description:		
		Dish Sprayer		
		Result:	<1.0	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-46	Location:	Kitchen RR		
Photo:		Manufacturer:	Unknown		
		Description:			
		Handwashing Sink Not Functional at time of test.			
		Result:	NA	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:		Sample Prior to Returning to Service			

ID:	294-FE-47	Location:	Teacher Lounge Hall		
Photo:		Manufacturer:	Halsey Taylor		
		Description:			
		Drinking Fountain Bottle Filler			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-48	Location:	Teacher Lounge RR		
Photo:		Manufacturer:	Unknown		
		Description:			
		Sink			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-49	Location:	Teacher Lounge	
Photo:		Manufacturer:	American Standard	
		Description:		
		Sink		
		Result:	<1.0	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

ID:	294-FE-50	Location:	Teacher Lounge	
Photo:		Manufacturer:	Halsey Taylor	
		Description:		
		Drinking Fountain Bubbler Not functional at time of test.		
		Result:	NA	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:		Sample Prior to Returning to Service		

ID:	294-FE-51	Location:	Cafeteria	
Photo:		Manufacturer:	unknown	
		Description:		
		Handwashing Sink		
		Result:	2	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-52	Location:	Cafeteria	
Photo:		Manufacturer:	Manitowoc	
		Description:		
		Ice Machine		
		Result:	<1.0	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

ID:	294-FE-53	Location:	Room 302	
Photo:		Manufacturer:	American Standard	
		Description:		
		Sink		
		Result:	**10.5**	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:		**Replace Fixture/Unit and Resample**		

ID:	294-FE-54	Location:	Room 302	
Photo:		Manufacturer:	Halsey Taylor	
		Description:		
		Drinking Fountain Bubbler - Not Functional		
		Result:	**NA**	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:		**Sample Prior to Returning to Service**		

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-55	Location:	Room 304	
Photo:		Manufacturer:	American Standard	
		Description:		
		Sink		
		Result:	2.1	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

ID:	294-FE-56	Location:	Room 304	
Photo:		Manufacturer:	Halsey Taylor	
		Description:		
		Drinking Fountain Bubbler - Not Functional		
		Result:	**NA**	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:		**Sample Prior to Returning to Service**		

ID:	294-FE-57	Location:	Room 306	
Photo:		Manufacturer:	American Standard	
		Description:		
		Sink		
		Result:	3.2	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-58	Location:	Room 306		
Photo:		Manufacturer:	Halsey Taylor		
		Description:			
		Drinking Fountain Bubbler			
		Result:	NA	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:	Sample Prior to Returning to Service				

ID:	294-FE-59	Location:	Boys RR Near 301		
Photo:		Manufacturer:	Chicago Faucet Company		
		Description:			
		Handwashing Sink - Left			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-60	Location:	Boys RR Near 301		
Photo:		Manufacturer:	Chicago Faucet Company		
		Description:			
		Handwashing Sink - Right			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-61	Location:	Room 301		
Photo:		Manufacturer:	American Standard		
		Description:			
		Sink			
		Result:	1830	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:		Replace Fixture/Unit and Resample			

ID:	294-FE-62	Location:	Room 301		
Photo:		Manufacturer:	Halsey Taylor		
		Description:			
		Drinking Fountain Bubbler - Not Functional			
		Result:	NA	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:		Sample Prior to Returning to Service			

ID:	294-FE-63	Location:	Room 303		
Photo:		Manufacturer:	American Standard		
		Description:			
		Sink			
		Result:	223	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:		Replace Fixture/Unit and Resample			

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-64	Location:	Room 303		
Photo:		Manufacturer:	Halsey Taylor		
		Description:			
		Drinking Fountain Bubbler - Not Functional			
		Result:	NA	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:	Sample Prior to Returning to Service				

ID:	294-FE-65	Location:	Room 305		
Photo:		Manufacturer:	American Standard		
		Description:			
		Sink			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-66	Location:	Room 305		
Photo:		Manufacturer:	Halsey Taylor		
		Description:			
		Drinking Fountain Bubbler - Not Functional			
		Result:	NA	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:	Sample Prior to Returning to Service				

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-67	Location:	Girls RR Near 305	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink - Left		
		Result:	<1.0	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

ID:	294-FE-68	Location:	Girls RR Near 305	
Photo:		Manufacturer:	Chicago Faucet Company	
		Description:		
		Handwashing Sink - Right		
		Result:	<1.0	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

ID:	294-FE-69	Location:	Hall Near 305	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain bubbler - Left		
		Result:	<1.0	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-70	Location:	Hall Near 305		
Photo:		Manufacturer:	Elkay		
		Description:			
		Drinking Fountain Bubbler - Right			
		Result:	NA	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:	Sample Error at Laboratory - Remove from Service Resample				

ID:	294-FE-71	Location:	Hall Near 305		
Photo:		Manufacturer:	Elkay		
		Description:			
		Drinking Fountain Bottle Filler - Right			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-72	Location:	Room 401		
Photo:		Manufacturer:	American Standard		
		Description:			
		Sink			
		Result:	1.4	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-73	Location:	Room 401		
Photo:		Manufacturer:	Halsey Taylor		
		Description:			
		Drinking Fountain Bubbler - Not Functional			
		Result:	NA	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:	Sample Prior to Returning to Service				

ID:	294-FE-74	Location:	Room 402		
Photo:	OCCU-TEC	Manufacturer:	American Standard		
		Description:			
		Sink			
		Result:	1	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-75	Location:	Room 402		
Photo:	OCCU-TEC	Manufacturer:	Halsey Taylor		
		Description:			
		Drinking Fountain Bubbler - Not Functional			
		Result:	NA	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:	Sample Prior to Returning to Service				

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-76	Location:	Room 404	
Photo:		Manufacturer:	American Standard	
		Description:		
		Sink		
		Result:	15.5	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:	Replace Fixture/Unit and Resample			

ID:	294-FE-77	Location:	Room 404	
Photo:		Manufacturer:	Halsey Taylor	
		Description:		
		Drinking Fountain Bubbler - Not Functional		
		Result:	NA	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:	Sample Prior to Returning to Service			

ID:	294-FE-78	Location:	Room 403	
Photo:		Manufacturer:	American Standard	
		Description:		
		Sink		
		Result:	<1.0	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-79	Location:	Room 403		
Photo:		Manufacturer:	Halsey Taylor		
		Description:			
		Drinking Fountain Bubbler - Not Functional			
		Result:	NA	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:	Sample Prior to Returning to Service				

ID:	294-FE-80	Location:	Room 405		
Photo:		Manufacturer:	American Standard		
		Description:			
		Sink			
		Result:	1.2	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-81	Location:	Room 405		
Photo:		Manufacturer:	Halsey Taylor		
		Description:			
		Drinking Fountain Bubbler - Not Functional			
		Result:	NA	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:	Sample Prior to Returning to Service				

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-82	Location:	Room 406		
Photo:		Manufacturer:	American Standard		
		Description:			
		Sink			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-83	Location:	Room 406		
Photo:		Manufacturer:	Halsey Taylor		
		Description:			
		Drinking Fountain Bubbler - Not Functional			
		Result:	NA	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:		Sample Prior to Returning to Service			

ID:	294-FE-84	Location:	Girls RR Near 503		
Photo:		Manufacturer:	Unknown		
		Description:			
		Handwashing Sink - Left			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-85	Location:	Girls RR Near 503	
Photo:		Manufacturer:	Unknown	
		Description:		
		Handwashing Sink - Middle		
		Result:	<1.0	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

ID:	294-FE-86	Location:	Girls RR Near 503	
Photo:		Manufacturer:	Unknown	
		Description:		
		Handwashing Sink - Right		
		Result:	**21.6**	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:	**Replace Fixture/Unit and Resample**			

ID:	294-FE-87	Location:	Hall Near 503	
Photo:		Manufacturer:	Elkay	
		Description:		
		Drinking Fountain Bubbler - Left		
		Result:	<1.0	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-88	Location:	Hall Near 503		
Photo:		Manufacturer:	Elkay		
		Description:			
		Drinking Fountain Bottle Filler - Left			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-89	Location:	Hall Near 503		
Photo:		Manufacturer:	Elkay		
		Description:			
		Drinking Fountain Bubbler - Right			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-90	Location:	Hall Near 504		
Photo:		Manufacturer:	Elkay		
		Description:			
		Drinking Fountain Bubbler - Left			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-91	Location:	Hall Near 504		
Photo:		Manufacturer:	Elkay		
		Description:			
		Drinking Fountain Bubbler - Right			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-92	Location:	Boys RR Near 506		
Photo:		Manufacturer:	Unknown		
		Description:			
		Handwashing Sink - Left			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-93	Location:	Boys RR Near 506		
Photo:		Manufacturer:	Unknown		
		Description:			
		Handwashing Sink - Middle			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-94	Location:	Boys RR Near 506		
Photo:		Manufacturer:	Unknown		
		Description:			
		Handwashing Sink - Right			
		Result:	1.2	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-95	Location:	GR 6		
Photo:		Manufacturer:	Unknown		
		Description:			
		Handwashing Sink			
		Result:	1.1	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-96	Location:	BR 6		
Photo:		Manufacturer:	Unknown		
		Description:			
		Handwashing Sink			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-97	Location:	Hall Near BR 6		
Photo:		Manufacturer:	Elkay		
		Description:			
		Drinking Fountain Bubbler			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-98	Location:	G02 RR		
Photo:		Manufacturer:	Unknown		
		Description:			
		Handwashing Sink			
		Result:	1.9	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-99	Location:	G03 RR		
Photo:		Manufacturer:	Unknown		
		Description:			
		Handwashing Sink			
		Result:	<1.0	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-100	Location:	G04 RR	
Photo:		Manufacturer:	Unknown	
		Description:		
		Handwashing Sink		
		Result:	<1.0	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:				

ID:	294-FE-101	Location:	Front Entrance Spigot	
Photo:		Manufacturer:	Unknown	
		Description:		
		Exterior Water Spigot - Not Functional		
		Result:	**NA**	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:		**Sample Prior to Returning to Service**		

ID:	294-FE-102	Location:	Outside 105	
Photo:		Manufacturer:	Unknown	
		Description:		
		Exterior Water Spigot		
		Result:	**129**	ppb
		Date Sampled:	3/25/2024	By: JEA
Recommended Action:		**Mark as not a drinking water source**		

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-103	Location:	Outside 205		
Photo:		Manufacturer:	Unknown		
		Description:			
		Exterior Water Spigot			
		Result:	11.9	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:		Replace Fixture/Unit and Resample			

ID:	294-FE-104	Location:	Outside 305		
Photo:		Manufacturer:	Unknown		
		Description:			
		Exterior Water Spigot			
		Result:	143	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:		Replace Fixture/Unit and Resample			

ID:	294-FE-105	Location:	Outside 506		
Photo:		Manufacturer:	Unknown		
		Description:			
		Exterior Water Spigot			
		Result:	1990	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:		Replace Fixture/Unit and Resample			

Drinking Water Assessment
Fox Elementary
Fox C-6 School District

ID:	294-FE-106	Location:	Outside Kitchen		
Photo:		Manufacturer:	Unknown		
		Description:			
		Exterior Water Spigot			
		Result:	**405**	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:	**Replace Fixture/Unit and Resample**				

ID:	294-FE-107	Location:	Outside 202		
Photo:		Manufacturer:	Unknown		
		Description:			
		Exterior Water Spigot - Not First Draw Sample - OCCU-TEC recommends removal from service			
		Result:	1	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:					

ID:	294-FE-108	Location:	Outside 104		
Photo:		Manufacturer:	Unknown		
		Description:			
		Exterior Water Spigot			
		Result:	**968**	ppb	
		Date Sampled:	3/25/2024	By:	JEA
Recommended Action:	**Replace Fixture/Unit and Resample**				

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 FE **WorkOrder:** 24032112

Dear Justin Arnold:

TEKLAB, INC received 44 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

Report Contents

http://www.teklabinc.com/

Client: Occu-Tec
Work Order: 24032112
Client Project: 923294 FE
Report Date: 24-Apr-24

This reporting package includes the following:

Client: Occu-Tec **Work Order:** 24032112

Client Project: 923294 FE **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)

Definitions

Client: Occu-Tec
Work Order: 24032112
Client Project: 923294 FE
Report Date: 24-Apr-24

Qualifiers

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

Case Narrative

http://www.teklabinc.com/

Client: Occu-Tec
Client Project: 923294 FE

Work Order: 24032112
Report Date: 24-Apr-24

Cooler Receipt Temp: N/A °C

Locations

Collinsville

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

Springfield

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

Kansas City

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

Collinsville Air

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

Chicago

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

Client: Occu-Tec **Work Order:** 24032112

Client Project: 923294 FE **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

Client: Occu-Tec
Work Order: 24032112
Client Project: 923294 FE
Report Date: 24-Apr-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									
24032112-001A	293-FE-01	NELAP		1.0	**< 1.0**	µg/L	1	04/23/2024 8:58	03/25/2024 7:41
24032112-002A	293-FE-02	NELAP		1.0	**< 1.0**	µg/L	1	04/23/2024 9:02	03/25/2024 7:41
24032112-003A	293-FE-03	NELAP		1.0	**1.1**	µg/L	1	04/23/2024 9:06	03/25/2024 7:45
24032112-004A	293-FE-04	NELAP		1.0	**2.0**	µg/L	1	04/23/2024 9:09	03/25/2024 7:46
24032112-005A	293-FE-05	NELAP		1.0	**8.5**	µg/L	1	04/23/2024 9:13	03/25/2024 7:47
24032112-006A	293-FE-06	NELAP		1.0	**4.9**	µg/L	1	04/23/2024 9:35	03/25/2024 7:48
24032112-007A	293-FE-07	NELAP		1.0	**4.8**	µg/L	1	04/23/2024 9:39	03/25/2024 7:49
24032112-008A	293-FE-09	NELAP		1.0	**22.1**	µg/L	1	04/23/2024 9:43	03/25/2024 7:50
24032112-009A	293-FE-11	NELAP		1.0	**< 1.0**	µg/L	1	04/23/2024 9:46	03/25/2024 7:53
24032112-010A	293-FE-12	NELAP		1.0	**< 1.0**	µg/L	1	04/23/2024 9:50	03/25/2024 7:57
24032112-011A	293-FE-13	NELAP		1.0	**2.3**	µg/L	1	04/23/2024 9:55	03/25/2024 7:58
24032112-012A	293-FE-15	NELAP		1.0	**5.5**	µg/L	1	04/23/2024 9:58	03/25/2024 7:59
24032112-013A	293-FE-16	NELAP		1.0	**2.0**	µg/L	1	04/23/2024 10:02	03/25/2024 8:00
24032112-014A	293-FE-17	NELAP		1.0	**1.3**	µg/L	1	04/23/2024 10:06	03/25/2024 8:01
24032112-015A	293-FE-18	NELAP		1.0	**2.2**	µg/L	1	04/22/2024 16:19	03/25/2024 8:03
24032112-016A	293-FE-19	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 16:30	03/25/2024 8:04
24032112-017A	293-FE-20	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 16:34	03/25/2024 8:05
24032112-018A	293-FE-21	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 16:38	03/25/2024 8:06
24032112-019A	293-FE-22	NELAP		1.0	**1.7**	µg/L	1	04/22/2024 16:41	03/25/2024 8:07
24032112-020A	293-FE-23	NELAP		1.0	**3.0**	µg/L	1	04/22/2024 16:45	03/25/2024 8:09
24032112-021A	293-FE-24	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 16:49	03/25/2024 8:10
24032112-022A	293-FE-25	NELAP		1.0	**2.4**	µg/L	1	04/22/2024 16:52	03/25/2024 8:11
24032112-023A	293-FE-26	NELAP		1.0	**6.7**	µg/L	1	04/22/2024 17:07	03/25/2024 8:15
24032112-024A	293-FE-28	NELAP		1.0	**2.9**	µg/L	1	04/22/2024 17:11	03/25/2024 8:17
24032112-025A	293-FE-29	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 17:14	03/25/2024 8:19
24032112-026A	293-FE-30	NELAP		1.0	**3.9**	µg/L	1	04/22/2024 17:25	03/25/2024 8:21
24032112-027A	293-FE-31	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 17:29	03/25/2024 8:23
24032112-028A	293-FE-32	NELAP		1.0	**2.2**	µg/L	1	04/22/2024 17:33	03/25/2024 8:27
24032112-029A	293-FE-33	NELAP		1.0	**4.8**	µg/L	1	04/22/2024 17:36	03/25/2024 8:33
24032112-030A	293-FE-34	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 17:40	03/25/2024 8:35
24032112-031A	293-FE-35	NELAP		1.0	**< 1.0**	µg/L	1	04/23/2024 21:02	03/25/2024 8:36
24032112-032A	293-FE-36	NELAP		1.0	**15.7**	µg/L	1	04/23/2024 21:05	03/25/2024 8:38
24032112-033A	293-FE-38	NELAP		1.0	**7.2**	µg/L	1	04/23/2024 21:09	03/25/2024 8:40
24032112-034A	293-FE-39	NELAP		1.0	**5.9**	µg/L	1	04/23/2024 21:13	03/25/2024 8:45
24032112-035A	293-FE-40	NELAP		1.0	**5.8**	µg/L	1	04/23/2024 21:27	03/25/2024 8:46
24032112-036A	293-FE-41	NELAP		1.0	**< 1.0**	µg/L	1	04/23/2024 21:38	03/25/2024 8:48
24032112-037A	293-FE-42	NELAP		1.0	**< 1.0**	µg/L	1	04/23/2024 21:42	03/25/2024 8:49
24032112-038A	293-FE-43	NELAP		1.0	**1.1**	µg/L	1	04/23/2024 21:46	03/25/2024 8:50
24032112-039A	293-FE-44	NELAP		1.0	**< 1.0**	µg/L	5	04/23/2024 23:01	03/25/2024 8:53
24032112-040A	293-FE-45	NELAP		1.0	**< 1.0**	µg/L	1	04/23/2024 21:49	03/25/2024 8:55
24032112-041A	293-FE-47	NELAP		1.0	**< 1.0**	µg/L	1	04/23/2024 21:53	03/25/2024 9:05
24032112-042A	293-FE-48	NELAP		1.0	**< 1.0**	µg/L	1	04/23/2024 21:57	03/25/2024 9:13
24032112-043A	293-FE-49	NELAP		1.0	**< 1.0**	µg/L	1	04/23/2024 22:00	03/25/2024 9:26
24032112-044A	293-FE-51	NELAP		1.0	**2.0**	µg/L	1	04/23/2024 22:15	03/25/2024 9:28

Receiving Check List

http://www.teklabinc.com/

Client: Occu-Tec
Client Project: 923294 FE

Work Order: 24032112
Report Date: 24-Apr-24

Carrier: Craig McKinney
Received By: AMD

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

Reviewed by: Ellie Hopkins
On: 27-Mar-24

Pages to follow: Chain of custody 4 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C	N/A
Type of thermal preservation?	None ☑	Ice ☐	Blue Ice ☐	Dry Ice	☐
Chain of custody present?	Yes ☑	No ☐			
Chain of custody signed when relinquished and received?	Yes ☑	No ☐			
Chain of custody agrees with sample labels?	Yes ☐	No ☑			
Samples in proper container/bottle?	Yes ☑	No ☐			
Sample containers intact?	Yes ☑	No ☐			
Sufficient sample volume for indicated test?	Yes ☑	No ☐			
All samples received within holding time?	Yes ☑	No ☐			
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑		
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐			
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.					
Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☑		
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑		
Water - pH acceptable upon receipt?	Yes ☑	No ☐	NA ☐		
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑		

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

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory. - amberdilallo - 3/27/2024 8:38:52 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

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CHAIN OF CUSTODY

Pg 1 of 8 Workorder # 240321112

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

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

Samples on: ☐ ICE ☐ BLUE ICE ☒ NO ICE N/A °C
Preserved in: ☒ LAB ☐ FIELD FOR LAB USE ONLY
LAB NOTES: sample containers show 294 for sample ID, labels show 293 for sample ID MK 3/27

Client Comments: Pb RL <5.0 ppb

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

PROJECT NAME/NUMBER	SAMPLE COLLECTOR'S NAME
923294	Justin Arnold

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

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers: UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	INDICATE ANALYSIS REQUESTED: Lead by 200.8
240321112-001	293-FE- 01	3/25/2024 - 741	Drinking Water	X									✓
002	293-FE- 02	3/25/2024 - 741	Drinking Water	X									✓
003	293-FE- 03	3/25/2024 - 745	Drinking Water	X									✓
004	293-FE- 04	3/25/2024 - 746	Drinking Water	X									✓
005	293-FE- 05	3/25/2024 - 747	Drinking Water	X									✓
006	293-FE- 06	3/25/2024 - 748	Drinking Water	X									✓
007	293-FE- 07	3/25/2024 - 749	Drinking Water	X									✓
008	293-FE- 09	3/25/2024 - 750	Drinking Water	X									✓
009	293-FE- 11	3/25/2024 - 753	Drinking Water	X									✓
010	293-FE- 12	3/25/2024 - 757	Drinking Water	X									✓
011	293-FE- 13	3/25/2024 - 758	Drinking Water	X									✓

Relinquished By	Date/Time	Received By	Date/Time
	3/26/24 1500		3/26/24 1600
	3/26/24 1600		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

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CHAIN OF CUSTODY

Pg 2 of 8 Workorder # 24032112

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

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

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

Client Comments:
Pb RL <5.0 ppb

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

PROJECT NAME/NUMBER	SAMPLE COLLECTOR'S NAME
923294	Justin Arnold

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

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers: UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	INDICATE ANALYSIS REQUESTED: Lead by 200.8
24032112-012	293-FE- 013	3/25/2024 - 759	Drinking Water	X									✓
013	293-FE- 14	3/25/2024 - 0800	Drinking Water	X									✓
014	293-FE- 17	3/25/2024 - 801	Drinking Water	X									✓
015	293-FE- 18	3/25/2024 - 803	Drinking Water	X									✓
016	293-FE- 19	3/25/2024 - 804	Drinking Water	X									✓
017	293-FE- 20	3/25/2024 - 805	Drinking Water	X									✓
018	293-FE- 21	3/25/2024 - 806	Drinking Water	X									✓
019	293-FE- 22	3/25/2024 - 807	Drinking Water	X									✓
020	293-FE- 23	3/25/2024 - 809	Drinking Water	X									✓
021	293-FE- 24	3/25/2024 - 810	Drinking Water	X									✓
022	293-FE- 25	3/25/2024 - 811	Drinking Water	X									✓

Relinquished By	Date/Time	Received By	Date/Time
	3/26/24 1500		3/26/24 1500
	3/26/24 1600		3/26/24 1600

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CHAIN OF CUSTODY

Pg 2 of 3 Workorder # 24032112

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

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

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

Client Comments:
Pb RL <5.0 ppb

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

PROJECT NAME/NUMBER	SAMPLE COLLECTOR'S NAME
923294	Justin Arnold

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

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers: UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	INDICATE ANALYSIS REQUESTED: Lead by 200.8
24032112-023	293-FE- 26	3/25/2024 - 815	Drinking Water	X									✓
024	293-FE- 28	3/25/2024 - 817	Drinking Water	X									✓
025	293-FE- 29	3/25/2024 - 819	Drinking Water	X									✓
026	293-FE- 30	3/25/2024 - 821	Drinking Water	X									✓
027	293-FE- 31	3/25/2024 - 823	Drinking Water	X									✓
028	293-FE- 32	3/25/2024 - 827	Drinking Water	X									✓
029	293-FE- 33	3/25/2024 - 833	Drinking Water	X									✓
030	293-FE- 34	3/25/2024 - 835	Drinking Water	X									✓
031	293-FE- 35	3/25/2024 - 834	Drinking Water	X									✓
032	293-FE- 36	3/25/2024 - 838	Drinking Water	X									✓
033	293-FE- 38	3/25/2024 - 840	Drinking Water	X									✓

Relinquished By	Date/Time	Received By	Date/Time
	3-26-24 1500		3/26/24 1500
	3/26/24 1660		3/26/24 1600

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CHAIN OF CUSTODY

Pg 4 of 8 Workorder # 24032112

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

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

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

Client Comments:
Pb RL <5.0 ppb

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

PROJECT NAME/NUMBER	SAMPLE COLLECTOR'S NAME
923294	Justin Arnold

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

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers: UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	INDICATE ANALYSIS REQUESTED: Lead by 200.8
24032112-034	293-FE- 39	3/25/2024 - 845	Drinking Water	X									✓
035	293-FE- 40	3/25/2024 - 846	Drinking Water	X									✓
036	293-FE- 41	3/25/2024 - 848	Drinking Water	X									✓
037	293-FE- 42	3/25/2024 - 849	Drinking Water	X									✓
038	293-FE- 43	3/25/2024 - 850	Drinking Water	X									✓
039	293-FE- 44	3/25/2024 - 853	Drinking Water	X									✓
040	293-FE- 45	3/25/2024 - 855	Drinking Water	X									✓
041	293-FE- 47	3/25/2024 - 905	Drinking Water	X									✓
042	293-FE- 48	3/25/2024 - 913	Drinking Water	X									✓
043	293-FE- 49	3/25/2024 - 924	Drinking Water	X									✓
044	293-FE- 51	3/25/2024 - 928	Drinking Water	X									✓

Relinquished By	Date/Time	Received By	Date/Time
	3/26/24 1550		3/26/24 1550
	3/26/24 1600		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

April 25, 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 FE **WorkOrder:** 24032113

Dear Justin Arnold:

TEKLAB, INC received 44 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

Report Contents

http://www.teklabinc.com/

Client: Occu-Tec
Client Project: 923294 FE

Work Order: 24032113
Report Date: 25-Apr-24

This reporting package includes the following:

Client: Occu-Tec **Work Order:** 24032113

Client Project: 923294 FE **Report Date:** 25-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)

Definitions

Client: Occu-Tec
Work Order: 24032113
Client Project: 923294 FE
Report Date: 25-Apr-24

Qualifiers

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

Case Narrative

http://www.teklabinc.com/

Client: Occu-Tec
Client Project: 923294 FE

Work Order: 24032113
Report Date: 25-Apr-24

Cooler Receipt Temp: N/A °C

Locations

Collinsville

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

Springfield

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

Kansas City

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

Collinsville Air

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

Chicago

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

Client: Occu-Tec **Work Order:** 24032113

Client Project: 923294 FE **Report Date:** 25-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

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

Work Order: 24032113
Report Date: 25-Apr-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
24032113-001A	293-FE-52	NELAP		1.0	**< 1.0**	µg/L	1	04/23/2024 22:19	03/25/2024 9:30
24032113-002A	293-FE-53	NELAP		1.0	**10.5**	µg/L	1	04/23/2024 22:30	03/25/2024 9:32
24032113-003A	293-FE-55	NELAP		1.0	**2.1**	µg/L	1	04/23/2024 22:33	03/25/2024 9:34
24032113-004A	293-FE-57	NELAP		1.0	**3.2**	µg/L	1	04/22/2024 19:30	03/25/2024 9:36
24032113-006A	293-FE-59	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 19:34	03/25/2024 9:38
24032113-007A	293-FE-60	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 19:37	03/25/2024 9:39
24032113-008A	293-FE-61	NELAP		20.0	**1830**	µg/L	20	04/23/2024 22:37	03/25/2024 9:41
24032113-009A	293-FE-63	NELAP		1.0	**223**	µg/L	5	04/23/2024 23:04	03/25/2024 9:43
24032113-010A	293-FE-65	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 19:45	03/25/2024 9:45
24032113-011A	293-FE-67	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 19:48	03/25/2024 9:46
24032113-012A	293-FE-68	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 19:52	03/25/2024 9:47
24032113-013A	293-FE-69	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 19:56	03/25/2024 9:48
24032113-014A	293-FE-71	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 20:18	03/25/2024 9:50
24032113-015A	293-FE-72	NELAP		1.0	**1.4**	µg/L	1	04/22/2024 20:21	03/25/2024 9:52
24032113-016A	293-FE-74	NELAP		1.0	**1.0**	µg/L	1	04/22/2024 20:25	03/25/2024 9:54
24032113-017A	293-FE-76	NELAP		1.0	**15.5**	µg/L	1	04/22/2024 20:29	03/25/2024 9:56
24032113-018A	293-FE-78	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 20:32	03/25/2024 9:57
24032113-019A	293-FE-80	NELAP		1.0	**1.2**	µg/L	1	04/22/2024 20:36	03/25/2024 9:59
24032113-020A	293-FE-82	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 20:40	03/25/2024 10:00
24032113-021A	293-FE-84	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 20:43	03/25/2024 10:01
24032113-022A	293-FE-85	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 20:47	03/25/2024 10:04
24032113-023A	293-FE-86	NELAP		1.0	**21.6**	µg/L	1	04/22/2024 21:09	03/25/2024 10:05
24032113-024A	293-FE-87	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 21:13	03/25/2024 10:06
24032113-025A	293-FE-88	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 21:16	03/25/2024 10:08
24032113-026A	293-FE-89	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 21:20	03/25/2024 10:09
24032113-027A	293-FE-90	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 21:24	03/25/2024 10:10
24032113-028A	293-FE-91	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 21:27	03/25/2024 10:11
24032113-029A	293-FE-92	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 21:31	03/25/2024 10:13
24032113-030A	293-FE-93	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 21:35	03/25/2024 10:15
24032113-031A	293-FE-94	NELAP		1.0	**1.2**	µg/L	1	04/22/2024 21:38	03/25/2024 10:16
24032113-032A	293-FE-95	NELAP		1.0	**1.1**	µg/L	1	04/22/2024 21:53	03/25/2024 10:18
24032113-033A	293-FE-96	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 22:04	03/25/2024 10:19
24032113-034A	293-FE-97	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 22:08	03/25/2024 10:22
24032113-035A	293-FE-98	NELAP		1.0	**1.9**	µg/L	1	04/22/2024 22:11	03/25/2024 10:24
24032113-036A	293-FE-99	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 22:15	03/25/2024 10:26
24032113-037A	293-FE-100	NELAP		1.0	**< 1.0**	µg/L	1	04/22/2024 22:19	03/25/2024 10:28
24032113-038A	293-FE-102	NELAP		1.0	**129**	µg/L	5	04/24/2024 11:20	03/25/2024 10:32
24032113-039A	293-FE-103	NELAP		1.0	**11.9**	µg/L	5	04/24/2024 11:23	03/25/2024 10:35
24032113-040A	293-FE-104	NELAP		1.0	**143**	µg/L	5	04/24/2024 11:27	03/25/2024 10:49
24032113-041A	293-FE-105	NELAP		10.0	**1990**	µg/L	50	04/24/2024 15:46	03/25/2024 10:50
24032113-042A	293-FE-106	NELAP		1.0	**405**	µg/L	5	04/24/2024 11:43	03/25/2024 10:53
24032113-043A	293-FE-107	NELAP		1.0	**1.0**	µg/L	1	04/23/2024 2:44	03/25/2024 10:56
24032113-044A	293-FE-108	NELAP		2.0	**968**	µg/L	10	04/24/2024 15:28	03/25/2024 10:59

Receiving Check List

http://www.teklabinc.com/

Client: Occu-Tec
Client Project: 923294 FE

Work Order: 24032113
Report Date: 25-Apr-24

Carrier: Craig McKinney
Received By: AMD

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

Reviewed by: Ellie Hopkins
On: 27-Mar-24

Pages to follow: Chain of custody 4 Extra pages included 0

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

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

Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☑
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	NA ☐
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑

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

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory. - amberdilallo - 3/27/2024 8:45:01 AM

Sample containers labeled 294 rather than 293, but sample labeled are labeled 293. 293-FE-58 was not received. Justin Arnold was notified of this error via work order summary. - amberdilallo - 3/27/2024 2:05:10 PM

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CHAIN OF CUSTODY

Pg 5 of 8 Workorder # 24032113

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

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

Samples on: ☐ ICE ☐ BLUE ICE ☒ NO ICE N/A °C
Preserved in: ☒ LAB ☐ FIELD FOR LAB USE ONLY
LAB NOTES: sample container shows "298" for sample ID, label shows "293" for sample ID JM 3/27

Client Comments:
Pb RL <5.0 ppb

293-FE-58 was not received. (JM 3/27/24)

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

PROJECT NAME/NUMBER	SAMPLE COLLECTOR'S NAME
923294	Justin Arnold

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

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers: UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	INDICATE ANALYSIS REQUESTED: Lead by 200.8
24032113-001	293-FE-52	3/25/2024 - 930	Drinking Water	X									✓
002	293-FE-53	3/25/2024 - 932	Drinking Water	X									✓
003	293-FE-55	3/25/2024 - 934	Drinking Water	X									✓
004	293-FE-57	3/25/2024 - 936	Drinking Water	X									✓
005	293-FE-58	3/25/2024 - 937	Drinking Water	X									✓
006	293-FE-59	3/25/2024 - 938	Drinking Water	X									✓
007	293-FE-60	3/25/2024 - 939	Drinking Water	X									✓
008	293-FE-61	3/25/2024 - 941	Drinking Water	X									✓
009	293-FE-63	3/25/2024 - 943	Drinking Water	X									✓
010	293-FE-65	3/25/2024 - 945	Drinking Water	X									✓
011	293-FE-67	3/25/2024 - 946	Drinking Water	X									✓

Relinquished By	Date/Time	Received By	Date/Time
	3-26-24 1500		3/26/24 1500
	3/26/24 1600	Undan Oisaw	3/26/24 1600

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CHAIN OF CUSTODY

Pg 6 of 8 Workorder # 24032113

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

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

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

Client Comments:
Pb RL <5.0 ppb

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

PROJECT NAME/NUMBER	SAMPLE COLLECTOR'S NAME
923294	Justin Arnold

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

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers: UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	INDICATE ANALYSIS REQUESTED: Lead by 200.8
24032113 001	293-FE- 68	3/25/2024 - 947	Drinking Water	X									✓
013	293-FE- 69	3/25/2024 - 948	Drinking Water	X									✓
014	293-FE- 71	3/25/2024 - 950	Drinking Water	X									✓
015	293-FE- 72	3/25/2024 - 952	Drinking Water	X									✓
016	293-FE- 74	3/25/2024 - 954	Drinking Water	X									✓
017	293-FE- 76	3/25/2024 - 956	Drinking Water	X									✓
018	293-FE- 78	3/25/2024 - 957	Drinking Water	X									✓
019	293-FE- 80	3/25/2024 - 959	Drinking Water	X									✓
020	293-FE- 82	3/25/2024 - 1000	Drinking Water	X									✓
021	293-FE- 84	3/25/2024 - 1001	Drinking Water	X									✓
022	293-FE- 85	3/25/2024 - 1004	Drinking Water	X									✓

Relinquished By	Date/Time	Received By	Date/Time
	3-26-24 1500		3/26/24 1500
	3/26/24 1600	Brian DeCalla	3/26/24 1600

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CHAIN OF CUSTODY

Pg 1 of 2 Workorder # 24032113

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

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

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

Client Comments:
Pb RL <5.0 ppb

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

PROJECT NAME/NUMBER	SAMPLE COLLECTOR'S NAME
923294	Justin Arnold

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

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers: UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	INDICATE ANALYSIS REQUESTED: Lead by 200.8
24032113-023	293-FE- 86	3/25/2024 - 1005	Drinking Water	X									✓
024	293-FE- 87	3/25/2024 - 1006	Drinking Water	X									✓
025	293-FE- 88	3/25/2024 - 1008	Drinking Water	X									✓
026	293-FE- 89	3/25/2024 - 1009	Drinking Water	X									✓
027	293-FE- 90	3/25/2024 - 1010	Drinking Water	X									✓
028	293-FE- 91	3/25/2024 - 1011	Drinking Water	X									✓
029	293-FE- 92	3/25/2024 - 1013	Drinking Water	X									✓
030	293-FE- 93	3/25/2024 - 1015	Drinking Water	X									✓
031	293-FE- 94	3/25/2024 - 1014	Drinking Water	X									✓
032	293-FE- 95	3/25/2024 - 1018	Drinking Water	X									✓
033	293-FE- 96	3/25/2024 - 1019	Drinking Water	X									✓

Relinquished By	Date/Time	Received By	Date/Time
	3-26-24 1500		3/26/24 1500
	3/26/24 1600		3/26/24 1600

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CHAIN OF CUSTODY

Pg 8 of 8 Workorder # 24032113

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

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

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

Client Comments:
Pb RL <5.0 ppb

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

PROJECT NAME/NUMBER	SAMPLE COLLECTOR'S NAME
923294	Justin Arnold

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

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers: UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	INDICATE ANALYSIS REQUESTED: Lead by 200.8
24032113-034	293-FE- 97	3/25/2024 - 1022	Drinking Water	X									✓
035	293-FE- 98	3/25/2024 - 1024	Drinking Water	X									✓
036	293-FE- 99	3/25/2024 - 1026	Drinking Water	X									✓
037	293-FE- 100	3/25/2024 - 1028	Drinking Water	X									✓
038	293-FE- 102	3/25/2024 - 1032	Drinking Water	X									✓
039	293-FE- 103	3/25/2024 - 1035	Drinking Water	X									✓
040	293-FE- 104	3/25/2024 - 1049	Drinking Water	X									✓
041	293-FE- 105	3/25/2024 - 1050	Drinking Water	X									✓
042	293-FE- 106	3/25/2024 - 1053	Drinking Water	X									✓
043	293-FE- 107	3/25/2024 - 1056	Drinking Water	X									✓
044	293-FE- 108	3/25/2024 - 1059	Drinking Water	X									✓

Relinquished By	Date/Time	Received By	Date/Time
	3/26/24 1545		3/26/24 1545
	3/26/24 1600		3/26/24 1600

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