

June 24, 2024

Jeremie Kahler Park Hill School District 9501 N. Seymour Ave, Kansas City, MO 64153

RE: Drinking Water Sampling – District Stadium (Preston Field) and Sports Fields 8804 NW 45 Highway, Parkville, MO 64152 Project Number: 923386

Mr. Kahler,

OCCU-TEC, Inc. (OCCU-TEC) is pleased to present the following report for drinking water sampling completed at District Stadium in Kansas City, Missouri. The sampling was requested and approved by Mr. Jeremie Kahler of Park Hill School District (PHSD). 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 5/30/2024 Mr. Jay Hurst of OCCU-TEC completed testing of eleven (11) sources throughout the District Stadium and Sports Fields. Samples were collected as 'First Draw' samples after the fixtures had remained unused for a minimum period of eight (8) hours while not exceeding a maximum period of eighteen (18) hours. Samples were collected in dedicated 250 milliliter laboratory-provided plastic sample containers.

Samples were shipped to Pace Analytical Services, LLC (Pace) of Peoria, Illinois for analysis using Environmental Protection Agency (EPA) method 200.8. Pace is approved for sample analysis by the Missouri Department of Natural Resources (MDNR) under certification numbers 00236 and 00870. 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, zero (0) of the eleven (11) contained lead concentrations at or above 5 ppb. Below is a list of samples containing elevated concentrations of lead.

Sample ID	Location	Туре	Result (ug/L)			
No samples collected contained results above 5 ug/L (ppb)						

LIMITATIONS

At the request of PHSD, Lab sinks, janitorial sinks, eyewash stations, showers, and exterior spigots not identified as drinking water were excluded from sampling. In addition to the excluded sources, the following table identifies sources which were not operational at the time of sampling and therefore not sampled. 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 or sampled and compared to the regulatory limit of 5 ppb prior to bringing back into service.

Sample ID	Location	Туре
386-DS-12	Women's Restroom	Sink
386-DS-13	Women's Restroom	Sink
386-DS-14	Women's Restroom	Sink
386-DS-15	Women's Restroom	Sink
386-DS-16	Women's Restroom	Sink
386-DS-17	Men's Restroom	Sink
386-DS-18	Men's Restroom	Sink
386-DS-19	Men's Restroom	Sink
386-DS-20	Men's Restroom	Sink
386-DS-21	Men's Restroom	Sink

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

Respectfully,

Jay W. Hurst Vice President of Operations

All Smith

Jeff Smith Senior Project Manager (QA/QC)

ATTACHMENTS

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

ID:	38	6-DS-01	Location:	Ext North			
Photo:			Manufacturer:	На	aws		
			D	escription:			
			Drinking Fountai	n Bubbler			
			Result:	<1.0	ppb		
			Date Sampled:	5/30/2024	By: JH		

Recommended Action:

38	6-DS-02	Location:	Ext Concessions		
		Manufacturer:	Ha	WS	
		D	escription:		
		Drinking Fountai	n Bubbler - Le	eft	
		Result:	<1.0	ppb	
		Date Sampled:	5/30/2024	By: JH	
	38	386-DS-02	Manufacturer: D Drinking Fountai Result:	Manufacturer: Ha Description: Description: Drinking Fountain Bubbler - Le Result: <1.0	

ID:	38	6-DS-03	Location:	Ext Con	cessions
Photo:			Manufacturer:	Нс	IWS
			D	escription:	
			Drinking Fountai	n Bubbler - Ri	ight
			Date Sampled:	<1.0	ppb
			Date Sampled:	5/30/2024	By: JH
Recomme	nded Action:				

ID:	38	6-DS-04	Location:	Ext South Center			
Photo:			Manufacturer:	Manufacturer: Haws			
			D	escription:			
			Drinking Fountai	n Bubbler - Le	əft		
			Result:	<1.0	ppb		
			Date Sampled:	5/30/2024	By: JEA		

Recommended Action:

ID:	38	6-DS-05	Location:	Ext South		
Photo:			Manufacturer:	На	IWS	
			D	escription:		
			Drinking Fountai	n Bubbler - Ri	ght	
			Result:	<1.0	ppb	
			Date Sampled:	5/30/2024	By: JH	
Recomme	ended Action:					

ID:	38	6-DS-06	Location:	Ext South		
Photo:			Manufacturer:	На	IWS	
			D	escription:		
			Drinking Fountai	n Bubbler		
			Result:	<1.0	ppb	
			Date Sampled:	5/30/2024	By: JH	
Recomme	nded Action:					

ID:	38	6-DS-07	Location:	Conce	essions
Photo:			Manufacturer:	Hosh	nizaki
			D	escription:	
			Ice Machine		
			Result:	<1.0	ppb
			Date Sampled:	5/30/2024	By: JEA
Recomme	ended Action:				

386-DS-08 Location: Concessions ID: Manufacturer: Delta Photo: Description: Hand Washing Sink Result: <1.0 ppb 5/30/2024 By: JH Date Sampled: Recommended Action:

ID:	38	6-DS-09	Location:	Concessions		
Photo:			Manufacturer:	Unkr	nown	
			D	escription:		
			Kitchen Sink			
			Result:	<1.0		opb
			Date Sampled:	5/30/2024	By:	JH
Recomme	ended Action:					

ID:	38	6-DS-10	Location:	Practice Field		
Photo:			Manufacturer:	Wood	dword	
			D	escription:		
	The least 2 the		Yard Hydrant - Behind Visitin			
			Bleachers			
			Result:	<1.0	ppb	
			Date Sampled:	5/30/2024	By: JH	
Recomme	ended Action:					

386-DS-11 Location: Practice Soccer Field ID: Manufacturer: Unknown Photo: Description: Yard Hydrand - Far Southeast Corner Result: 1.52 ppb 5/30/2024 Date Sampled: By: JH Recommended Action:

ID:	38	6-DS-12	Location:	Women's RR		
Photo:			Manufacturer:	Unkr	nown	
			D	escription:		
			Hand Washing S	ink - Left		
			Result:	N/A	ppb	
			Date Sampled:		By: JH	
Recomme	Recommended Action:		abel as Non-Drinkiı	ng Water		

ID:	38	6-DS-13	Location:	Wome	en's R	R				
Photo:			Manufacturer:	Unkr	nown					
			D	Description:						
			Hand Washing S	Hand Washing Sink - Left Center						
			Result:	N/A		opb				
			Date Sampled:	5/30/2024 By:		JEA				
Recomme	ended Action:	L	abel as Non-Drinking Water							

ID:	38	6-DS-14	Location:	Wome	en's RR		
Photo:			Manufacturer:	nown			
			D	escription:			
			Hand Washing S	ink - Center			
			Result:	N/A	ppb		
			Date Sampled: 5/30/2024		By: JH		
Recommer	nded Action:	Lo	Label as Non-Drinking Water				

ID:	38	6-DS-15	Location:	Wome	en's RR		
Photo:			Manufacturer:	nown			
			D	escription:			
			Hand Washing S	ink - Right Ce	enter		
			Result:	N/A	ppb		
			Date Sampled:	By: JH			
Recommer	nded Action:	Lal	Label as Non-Drinking Water				

ID:	38	6-DS-16	L	_ocation:	Wome	en's R	R		
Photo:			1	Manufacturer:	Unkr	Iown			
				D	escription:				
			Hand Washing S	ink - Right					
			F	Result:	N/A		opb		
			[Date Sampled:	5/30/2024 By:		JEA		
Recommended Action: Lo				abel as Non-Drinking Water					

ID:	38	6-DS-17	Location:	Men	's RR			
Photo:			Manufacturer:	Unkr	nown			
			D	escription:				
			Hand Washing Sink - Left					
			Result:	N/A	ppb			
			Date Sampled: 5/30/2024		By: JH			
Recommen	ided Action:	Lc	Label as Non Drinking Water					

ID:	38	6-DS-18	Location:	Men	's RR				
Photo:			Manufacturer:	Unkr	nown				
			Description:						
			Hand Washing Sink - Left Center						
			Result:	N/A	ppb				
			Date Sampled:		By: JH				
Recommer	nded Action:	La	bel as Non Drinkiı	ng Water					

ID:	38	6-DS-19	Location:	Men	's RR		
Photo:			Manufacturer:	Unknown			
			D	escription:			
			Hand Washing S	ink - Center			
			Result:	N/A	ppb		
			Date Sampled:	5/30/2024	By: JEA		
Recommended Action: Label as Non Drinking Water							

ID:	38	6-DS-20	Location:	Men	's RR		
Photo:			Manufacturer:	own			
			D	escription:			
			Hand Washing S	ink - Right Ce	enter		
			Result:	N/A	ppb		
			Date Sampled:	5/30/2024	By: JH		
Recommer	nded Action:	L	Label as Non Drinking Water				

ID:	38	6-DS-21	Location:	Men	's RR			
Photo:			Manufacturer:	nown				
			D	escription:				
			Hand Washing Sink - Right					
			Result:	N/A	ppb			
			Date Sampled:		By: JH			
Recommen	ded Action:	La	bel as Non Drinkiı	ng Water				



Pace Analytical Services, LLC 2231 W. Altorfer Drive Peoria, IL 61615 (800)752-6651

June 07, 2024

Jeremie Kahler Park Hill School District 9501 N. Seymour Ave MO, MO 64153

RE: 923386-District Stadium

Dear Jeremie Kahler:

Please find enclosed the analytical results for the **11** sample(s) the laboratory received on **6/3/24 10:45 am** and logged in under work order **HF00108**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lisa.grant@pacelabs.com.

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Chenise Lambert-Sykes Project Manager (314)432-0550 Chenise.Lambert-Sykes@pacelabs.com



SAMPLE RECEIPT CHECK LIST

Items not applicable will be marked as in compliance

Work Order HF00108 YES Samples received within temperature compliance when applicable YES COC present upon sample receipt YES COC completed & legible YES Sampler name & signature present YES Unique sample IDs assigned YES Sample collection location recorded YES Date & time collected recorded on COC YES Relinquished by client signature on COC YES COC & labels match YES Sample labels are legible YES Appropriate bottle(s) received YES Sufficient sample volume received YES Sample containers received undamaged NO Zero headspace, <6 mm present in VOA vials NO Trip blank(s) received YES All non-field analyses received within holding times NO Short hold time analysis Current PDC COC submitted YES NO Case narrative provided



ANALYTICAL RESULTS

Sample: HF00108-01 Name: 386-DS-01 Matrix: Drinking Wa							Sampled: 05/30/2 Received: 06/03/2 PO #: 240015	24 10:45	
Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		06/05/24 11:29	1	1.00	06/05/24 17:04	BRS	EPA 200.8 REV 5.4
Sample: HF00108-02 Name: 386-DS-02 Matrix: Drinking Wa							Sampled:05/30/24 08:14Received:06/03/24 10:45PO #:24001992		
Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		06/05/24 11:29	1	1.00	06/05/24 17:06	BRS	EPA 200.8 REV 5.4
Sample: HF00108-03 Name: 386-DS-03 Matrix: Drinking Wa							Sampled:05/30/24 08:15Received:06/03/24 10:45PO #:24001992		
Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		06/05/24 11:29	1	1.00	06/05/24 17:10	BRS	EPA 200.8 REV 5.4
Sample: HF00108-04 Name: 386-DS-04 Matrix: Drinking Wa							Sampled: 05/30/2 Received: 06/03/2 PO #: 240015	24 10:45	
Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		06/05/24 11:29	1	1.00	06/05/24 17:11	BRS	EPA 200.8 REV 5.4



Pace Analytical Services, LLC 2231 W. Altorfer Drive Peoria, IL 61615 (800)752-6651

ANALYTICAL RESULTS

	ample: HF00108-05							Sampled: 05/30/2		
	lame: 386-DS-05	<u> </u>						Received: 06/03/2		
N	latrix: Drinking Water	- Grab						PO #: 240019	992	
Parameter		Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Meta	als - PIA									
Lead		< 1.00	ug/L		06/05/24 11:29	1	1.00	06/05/24 17:15	BRS	EPA 200.8 REV 5.4
s	ample: HF00108-06							Sampled: 05/30/2	24 08:19	
N	lame: 386-DS-06							Received: 06/03/2	24 10:45	
N	Matrix: Drinking Water	- Grab						PO #: 240019	992	
Parameter	,	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Meta	als - PIA									
Lead		< 1.00	ug/L		06/05/24 11:29	1	1.00	06/05/24 17:22	BRS	EPA 200.8 REV 5.4
s	ample: HF00108-07							Sampled: 05/30/2	24 08:24	
Ν	lame: 386-DS-07							Received: 06/03/2	24 10:45	
N	Matrix: Drinking Water	- Grab						PO #: 240019	992	
Parameter	,	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Meta	als - PIA									
Lead		< 1.00	ug/L		06/05/24 11:29	1	1.00	06/05/24 17:27	BRS	EPA 200.8 REV 5.4
s	ample: HF00108-08							Sampled: 05/30/2	24 08:25	
N	lame: 386-DS-08							Received: 06/03/2	24 10:45	
N	Matrix: Drinking Water	- Grab						PO #: 240019	992	
Parameter	,	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Meta	als - PIA									
Lead		< 1.00	ug/L		06/05/24 11:29	1	1.00	06/05/24 17:28	BRS	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: HF00108-09 Name: 386-DS-09 Matrix: Drinking Water	r - Grab						Sampled: 05/30/2 Received: 06/03/2 PO #: 240012	24 10:45	
Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		06/05/24 11:29	1	1.00	06/05/24 17:30	BRS	EPA 200.8 REV 5.4
Sample: HF00108-10 Name: 386-DS-10 Matrix: Drinking Water	r - Grab						Sampled: 05/30/2 Received: 06/03/2 PO #: 240012	24 10:45	
Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		06/05/24 11:29	1	1.00	06/05/24 17:31	BRS	EPA 200.8 REV 5.4
Sample: HF00108-11 Name: 386-DS-11 Matrix: Drinking Water	r - Grab						Sampled: 05/30/2 Received: 06/03/2 PO #: 240012	24 10:45	
Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	1.52	ug/L		06/05/24 11:29	1	1.00	06/05/24 17:32	BRS	EPA 200.8 REV 5.4



NOTES

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

* Not a TNI accredited analyte

Certifications

- CHI McHenry, IL 4314-A W. Crystal Lake Road, McHenry, IL 60050 TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279 Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556
- PIA Peoria, IL 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230 Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870) Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338) Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

- SPMO Springfield, MO 1805 W Sunset Street, Springfield, MO 65807 USEPA DMR-QA Program
- STL Hazelwood, MO 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389 TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080 Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050 Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050



Certified by:

Chenise Lambert-Sykes, Project Manager



	REGULATORY PROGRAM (CIRCLE):	NPDES					
	MORBCA	RCRA					
-	CCDD	TACO: RES OR IND/COMM					
	CCDD	TACO: RES OR IND/COMM					

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED MO

		HIGHTED AR								-			
Park Hill School District	School District 923386			District Stadium 2			PURCHASE ORDER #			YSIS REQ	UESTED	(FOR LAB USE ONLY)	
ADDRESS	PHONE I	PHONE NUMBER			E-MAIL		DATE SHIPPED		63			LOGIN # HF00108	
9501 N. Seymour Ave.	81635	KahlerJ@parkhill.k12.mo.us		5/30/2024		D							
^{city} ^{state} Kansas City, MO 64153	SAMPLER (PLEASE PRINT) Jay Hurst					MATRIX TYPES: www.wastewater dw.orniking water gw. ground water						CLIENT: Park Hill School District PROJECT: Drinking Water Lead PROJ. MGR.: Chenise Lambert-Sykes	
CONTACT PERSON	SAMPLER'S	SAMPLER'S SIGNATURE				WWSL: SLUDGE NAS- NON AQUEOUS SOLID LCHT-LEACHATE			상				
Jeremie Kahler	SIGNATURE				OIL-OIL SO-SOIL SOL-SOLID		ead	Check			CUSTODY SEAL #:		
2 (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE	COLLECTED	GRAB	E TYPE COMP	MATRIX	BOTTLE	PRES CODE CLIENT PROVIDED	DW Lead	Turb			REMARKS	
386-DS-01	5/30/2024	8:12	X		DW	1	6	X					
386-DS-02	5/30/2024	8:14	×		DW	1	6	\times					
386-DS-03	5/30/2024	8:15	\times		DW	1	6	X					
386-DS-04	5/30/2024	8:17	\times		DW	1	6	X					
386-DS-05	5/30/2024	8:18	\times		DW	1	6	X					
386-DS-06	5/30/2024	8:19	X		DW	1	6	X					
386-DS-07	5/30/2024	8:24	X		DW	1	6	X					
386-DS-08	5/30/2024	8:25	×		DW	1	6	X					
386-DS-09	5/30/2024	8:26	X		DW	1	6	X					
386-DS-10	5/30/2024	8:03	×		DW	1	6	X					
386-DS-11	5/30/2024	8:40	×		Dw	1	6	X					
CHEMICAL PRESERVATION CODES: 1-HCL 2-H2SO4 3	- HNO3 4 - NA	0H 5 – NA	25203	6 - UNPE	RESERVED	7 – OTHER							
5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) (NOR (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE) RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE	6 I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may <u>NOT</u> be acceptable to report to all regulatory authorities.												
EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABO	VE:					PROCEED		LYSIS AND QUALIFY RESULTS: (INITIALS)					
DATE DATE	130/2024	RECEIVI	ED BY: (SIG	NATURE)						8	COMME	ENTS: (FOR LAB USE ONLY)	
RELINQUISHED BY: (SIGNATURE) DATE		RECEIVED BY: (SIGNATURE)				DATE				SAMPLE TEMPERATURE UPON RECEIPT 21.5 °C			
RELINQUISHED BY: (SIGNATURE) DATE		RECEIVED BY: (SIGNATURE)						DATE CHILL PROCESS STARTED PRIOR TO RECEIPT Y OF N SAMPLE(S) RECEIVED ON ICE Y OF N SAMPLE ACCEPTANCE NONCONFORMANT TIME REPORT IS NEEDED Y OF N					
Inne							11	1045 DATE AND TIME TAKEN FROM SAMPLE BOTTLE					
QUALTRAX 3219 REV 5	l	and the second sec		F	PAGE /	OF	3/3/2	2021		Ŧ	ede	17	