OCCU-TEC
Protecting People, Places and Performance

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

July 2, 2024

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

RE: Drinking Water Sampling – Park Hill South Athletic Complex
4500 NW River Park Drive, Riverside, MO 64150
Project Number: 923386

Mr. Kahler,

OCCU-TEC, Inc. (OCCU-TEC) is pleased to present the following report for drinking water sampling completed at Park Hill South Athletic Complex 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 seven (7) sources throughout Park Hill South Athletic Complex. 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 seven (7) contained lead concentrations at or above 5 ppb. Below is a list of samples containing elevated concentrations of lead.

Sample ID	Location	Type	Result (ug/L)
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	Type
386-SAC-08	Women's RR	Sink
386-SAC-09	Women's RR	Sink
386-SAC-10	Women's RR	Sink
386-SAC-11	Women's RR	Sink
386-SAC-12	Women's RR	Sink
386-SAC-13	Men's RR	Sink
386-SAC-14	Men's RR	Sink
386-SAC-15	Men's RR	Sink
386-SAC-16	Men's RR	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

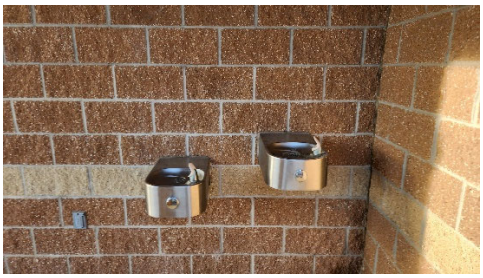
Jeff Smith
Senior Project Manager (QA/QC)

ATTACHMENTS

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

Drinking Water Assessment
Park Hill South Athletic Complex
Park Hill School District

ID:	386-SAC-01	Location:	Ext North Consessions		
Photo:		Manufacturer:	Elkay		
		Description:			
		Drinking Fountain Bubbler - Left			
		Result:	<1.0	ppb	
		Date Sampled:	5/30/2024	By:	JH
Recommended Action:					

ID:	386-SAC-02	Location:	Ext. North Consessions		
Photo:		Manufacturer:	Elkay		
		Description:			
		Drinking Fountain Bubbler - Right			
		Result:	<1.0	ppb	
		Date Sampled:	5/30/2024	By:	JH
Recommended Action:					

ID:	386-SAC-03	Location:	Ext South Concessions		
Photo:		Manufacturer:	Elkay		
		Description:			
		Drinking Fountain Bubbler - Left			
		Date Sampled:	<1.0	ppb	
		Date Sampled:	5/30/2024	By:	JH
Recommended Action:					

Drinking Water Assessment
Park Hill South Athletic Complex
Park Hill School District

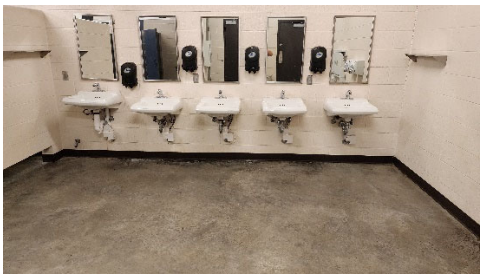
ID:	386-SAC-04	Location:	Ext South Concessions		
Photo:		Manufacturer:	Elkay		
		Description:			
		Drinking Fountain Bubbler - Right			
		Result:	<1.0	ppb	
		Date Sampled:	5/30/2024	By:	JEA
Recommended Action:					

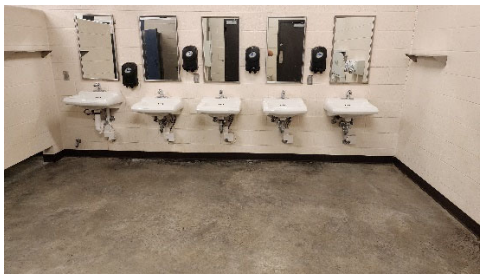
ID:	386-SAC-05	Location:	Concessions		
Photo:		Manufacturer:	Unknown		
		Description:			
		Hand Washing Sink			
		Result:	4.54	ppb	
		Date Sampled:	5/30/2024	By:	JH
Recommended Action:					

ID:	386-SAC-06	Location:	Concessions		
Photo:		Manufacturer:	Chicago Faucet		
		Description:			
		Kitchen Sink			
		Result:	1.44	ppb	
		Date Sampled:	5/30/2024	By:	JH
Recommended Action:					

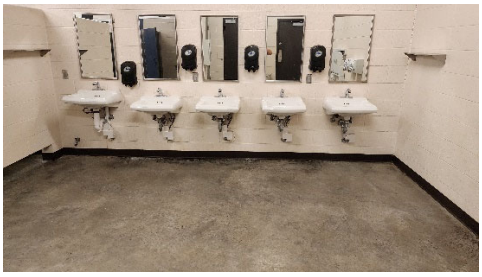
Drinking Water Assessment
Park Hill South Athletic Complex
Park Hill School District

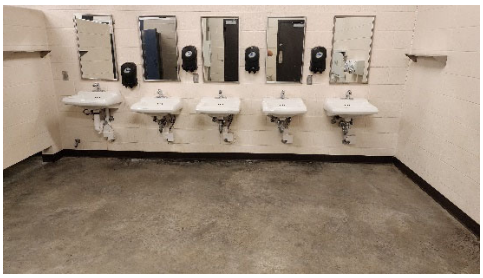
ID:	386-SAC-07	Location:	Concessions		
Photo:		Manufacturer:	Hoshizaki		
		Description:			
		Ice Machine			
		Result:	<1.0	ppb	
		Date Sampled:	5/30/2024	By:	JEA
Recommended Action:					

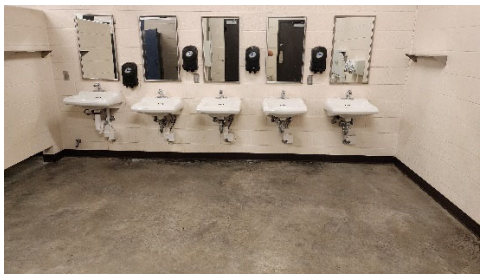
ID:	386-SAC-08	Location:	Women's RR		
Photo:		Manufacturer:	Unknown		
		Description:			
		Hand Washing Sink - Left			
		Result:	**N/A**	ppb	
		Date Sampled:	5/30/2024	By:	JH
Recommended Action:	**Label as Non-Drinking Water**				

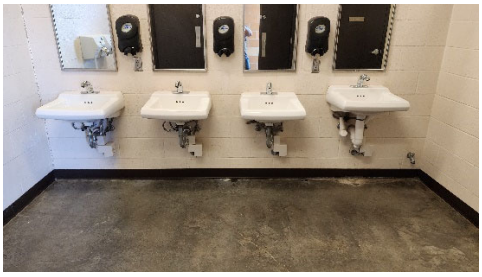
ID:	386-SAC-09	Location:	Women's RR		
Photo:		Manufacturer:	Unknown		
		Description:			
		Hand Washing Sink - Left			
		Result:	**N/A**	ppb	
		Date Sampled:	5/30/2024	By:	JH
Recommended Action:	**Label as Non-Drinking Water**				

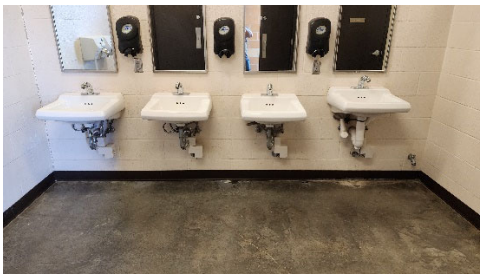
Drinking Water Assessment
Park Hill South Athletic Complex
Park Hill School District

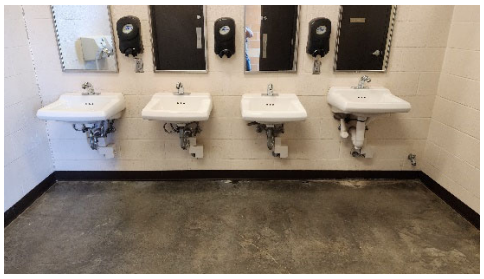
ID:	386-SAC-10	Location:	Women's RR		
Photo:		Manufacturer:	Unknown		
		Description:			
		Hand Washing Sink - Left			
		Result:	**N/A**	ppb	
		Date Sampled:	5/30/2024	By:	JEA
Recommended Action:	**Label as Non-Drinking Water**				

ID:	386-SAC-11	Location:	Women's RR		
Photo:		Manufacturer:	Unknown		
		Description:			
		Hand Washing Sink - Left			
		Result:	**N/A**	ppb	
		Date Sampled:	5/30/2024	By:	JH
Recommended Action:	**Label as Non-Drinking Water**				

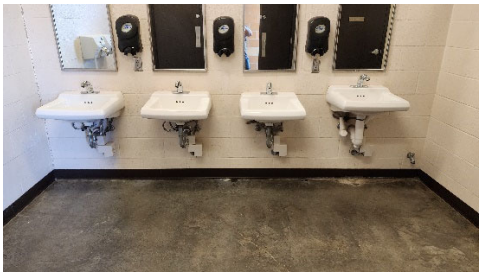
ID:	386-SAC-12	Location:	Women's RR		
Photo:		Manufacturer:	Unknown		
		Description:			
		Hand Washing Sink - Left			
		Result:	**N/A**	ppb	
		Date Sampled:	5/30/2024	By:	JH
Recommended Action:	**Label as Non-Drinking Water**				

ID:	386-SAC-13	Location:	Men's RR		
Photo:		Manufacturer:	Unknown		
		Description:			
		Hand Washing Sink - Left			
		Result:	**N/A**	ppb	
		Date Sampled:	5/30/2024	By:	JEA
Recommended Action:	**Label as Non-Drinking Water**				

ID:	386-SAC-14	Location:	Men's RR		
Photo:		Manufacturer:	Unknown		
		Description:			
		Hand Washing Sink - Left Center			
		Result:	**N/A**	ppb	
		Date Sampled:	5/30/2024	By:	JH
Recommended Action:	**Label as Non-Drinking Water**				

ID:	386-SAC-15	Location:	Men's RR		
Photo:		Manufacturer:	Unknown		
		Description:			
		Hand Washing Sink - Right Center			
		Result:	**N/A**	ppb	
		Date Sampled:	5/30/2024	By:	JH
Recommended Action:	**Label as Non-Drinking Water**				

Drinking Water Assessment
Park Hill South Athletic Complex
Park Hill School District

ID:	386-SAC-16	Location:	Men's RR		
Photo:		Manufacturer:	Unknown		
		Description:			
		Hand Washing Sink - Right			
		Result:	**N/A**	ppb	
		Date Sampled:	5/30/2024	By:	JEA
Recommended Action:	**Label as Non-Drinking 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-South Athletic Complex

Dear Jeremie Kahler:

Please find enclosed the analytical results for the **7** sample(s) the laboratory received on **6/3/24 10:45 am** and logged in under work order **HF00112**. 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.

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

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

SAMPLE RECEIPT CHECK LIST

Items not applicable will be marked as in compliance

Work Order HF00112

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
YES	Current PDC COC submitted
NO	Case narrative provided

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

ANALYTICAL RESULTS

Sample: HF00112-01
Name: 386-SAC-01
Matrix: Drinking Water - Grab

Sampled: 05/30/24 06:54
Received: 06/03/24 10:45
PO #: 24002053

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 18:29	BRS	EPA 200.8 REV 5.4

Sample: HF00112-02
Name: 386-SAC-02
Matrix: Drinking Water - Grab

Sampled: 05/30/24 06:55
Received: 06/03/24 10:45
PO #: 24002053

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 18:31	BRS	EPA 200.8 REV 5.4

Sample: HF00112-03
Name: 386-SAC-03
Matrix: Drinking Water - Grab

Sampled: 05/30/24 06:57
Received: 06/03/24 10:45
PO #: 24002053

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 18:32	BRS	EPA 200.8 REV 5.4

Sample: HF00112-04
Name: 386-SAC-04
Matrix: Drinking Water - Grab

Sampled: 05/30/24 06:58
Received: 06/03/24 10:45
PO #: 24002053

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 18:36	BRS	EPA 200.8 REV 5.4

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

ANALYTICAL RESULTS

Sample: HF00112-05
Name: 386-SAC-05
Matrix: Drinking Water - Grab

Sampled: 05/30/24 07:00
Received: 06/03/24 10:45
PO #: 24002053

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	4.54	ug/L		06/05/24 11:29	1	1.00	06/05/24 18:38	BRS	EPA 200.8 REV 5.4

Sample: HF00112-06
Name: 386-SAC-06
Matrix: Drinking Water - Grab

Sampled: 05/30/24 07:00
Received: 06/03/24 10:45
PO #: 24002053

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	1.44	ug/L		06/05/24 11:29	1	1.00	06/05/24 18:39	BRS	EPA 200.8 REV 5.4

Sample: HF00112-07
Name: 386-SAC-07
Matrix: Drinking Water - Grab

Sampled: 05/30/24 07:03
Received: 06/03/24 10:45
PO #: 24002053

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 18:41	BRS	EPA 200.8 REV 5.4

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

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

Pace Analytical Services
WWW.PACELABS.COM

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

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED MO

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

(1) CLIENT	PROJECT NUMBER	PROJECT LOCATION	PURCHASE ORDER #
Park Hill School District	923386	South Athletic Complex	24002053
ADDRESS: 9501 N. Seymour Ave.	PHONE NUMBER: 8163596731	E-MAIL: KahlerJ@parkhill.k12.mo.us	DATE SHIPPED: 5/30/2024
CITY STATE ZIP: Kansas City, MO 64153	SAMPLER (PLEASE PRINT): Jay Hurst		MATRIX TYPES: WW- WASTEWATER, DW- DRINKING WATER, GW- GROUND WATER, WWSL- SLUDGE, NAS- NON AQUEOUS SOLID, LCHT-LEACHATE, OIL-OIL, SO-SOIL, SOL-SOLID
CONTACT PERSON: Jeremie Kahler	SAMPLER'S SIGNATURE: Jay Hurst		

(3) ANALYSIS REQUESTED

(4) (FOR LAB USE ONLY)
LOGIN # HF00112
LOGGED BY: VS
CLIENT: Park Hill School District
PROJECT: Drinking Water Lead
PROJ. MGR.: Chenise Lambert-Sykes
CUSTODY SEAL #:

(2) SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE (CLIENT PROVIDED)	DW Lead	Turb Check						REMARKS
386-SAC-01	5/30/2024	6:54	X		DW	1	6	X							
386-SAC-02	5/30/2024	6:55	X		DW	1	6	X							
386-SAC-03	5/30/2024	6:57	X		DW	1	6	X							
386-SAC-04	5/30/2024	6:58	X		DW	1	6	X							
386-SAC-05	5/30/2024	7:00	X		DW	1	6	X							
386-SAC-06	5/30/2024	7:00	X		DW	1	6	X							
386-SAC-07	5/30/2024	7:03	X		DW	1	6	X							
			X		DW	1	6	X							
			X		DW	1	6	X							
			X		DW	1	6	X							
			X		Dw	1	6	X							

CHEMICAL PRESERVATION CODES: 1 – HCL | 2 – H2SO4 | 3 – HNO3 | 4 – NAOH | 5 – NA2S2O3 | 6 – UNPRESERVED | 7 – OTHER

(5) TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH
(RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE)
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE
DATE RESULTS NEEDED
EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE:

(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 NOT be acceptable to report to all regulatory authorities.*
PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) _____

(7) RELINQUISHED BY: (SIGNATURE)	DATE 5/30/2024 TIME 12:00	RECEIVED BY: (SIGNATURE)	DATE / TIME
RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	DATE / TIME
RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE) VS	DATE 6/3/24 TIME 1045

(8) COMMENTS: (FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT 21.5 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N
SAMPLE(S) RECEIVED ON ICE Y OR N
SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED Y OR N
DATE AND TIME TAKEN FROM SAMPLE BOTTLE _____

fedex