October 31, 2024

Mr. Steven Troutwine
Belton School District #124
Director of Facilities
110 West Walnut
Belton, Missouri 64012

RE: Belton School District #124 – Drinking Water Retesting Services
Resampling Report

Dear Mr. Troutwine:

Blackstone Environmental Inc., (Blackstone) has been contracted by the Belton School District #124 (District) to provide lead in drinking water sampling and resampling for the high-priority potable water sources throughout the District. The objective of the resampling was to determine if the remediation efforts eliminated or decreased the lead concentration in these water sources below the Missouri SB681 Action Level of 5 µg/L (parts per billion (ppb)).

Background

Testing and reporting were conducted in accordance with Missouri State Statute 160-077, Get the Lead Out of School Drinking Water Act, and included sampling of potable water fixtures used for drinking or food preparation including water fountains, faucets, taps, ice making machines, hot drink machines, and outlets used for dispensing water for cooking or for cleaning cooking and eating utensils.

Field Resampling and Analytical Summary

Field resampling took place October 19, 2024, with a total of 42 samples collected from water sources that originally exceeded the Missouri SB681 Action Level throughout the District. Of the 42 samples collected, 12 continued to exceed the Missouri SB681 Action Level for lead of 5 ppb as shown in the table below.

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Summary of Lead Results Exceeding Action Levels

Sample ID	Location Description	Lead Concentration
BHS1-S44	Lounge Rm 409 – teacher's sink	3.0
BHS1-O81	Rm 602 – spray hose by dishwasher	6.1
BHS1-S112	Rm 400 – handwash sink	ND
BMS1-DF8	North fountain by east gym	ND
BMS1-S26	Kitchen – handwash sink in dish room	7.9
BMS1-S28	Kitchen – handwash sink	1.6
BMS1-S54	Rm 212 – handwash sink near dishwasher	1.0
BMS1-S55	Rm 212 – middle handwash sink	4.5
BMS1-S5	Rm 212 – handwash sink at front	ND
BC1-S1	Sink in Rm 112 (see map)	7.2
BC1-S2	Sink in Rm 109 (see map)	1.7
BC1-DF4	Fountain by office (see map)	3.6
BC1-S5	Sink in Rm 105	6.5
BC1-DF10	Fountain by 700s class restroom	ND
CE1-S47	Sink in Rm 23	5.2
CEL-S53	Sink in Rm 28	7.2
CEL-S56	Sink in Rm 32	1.1
CEL-S60	Sink in Rm 31	4.2
CE1-S64	Sink in Rm 26	1.5
DO1-S14	Art Rm front sink	1.8
GE1-S19	Sink in Rm 25	ND
GE1-S41	Sink in Rm 11	4.4
GE1-O45	Ice maker in lounge	ND
KTE1-S1	Kitchen – sink with sprayer by dishwasher	4.0
KTE1-S54	Sink in copy room	14.1
MCUE1-S8	Kitchen – right dish sink	2.7
SEC1-S2	Sink in Rm 23	1.5
SEC1-S3	Sink in Rm 21	ND
SEC1-S4	Sink in Rm 22	10.2
SEC1-S5	Sink in Rm 20	ND
SEC1-S31	Sink in Rm 1	2.2

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SEC1-S34	Sink in Rm 2	4.3
SEC1-S47	Sink in Rm 6	1.2
SEC1-S50	Sink in Rm 12	ND
SSCC1-O4	Concessions ice maker	5.6
SSCC1-S6	Concessions handwash sink	ND
WSAU-S17	Sink in Rm 207	ND
WSAL-O42	Kitchen – dishwasher	7.5
YCI1-S12	Kitchen – handwash sink	6.4
YCI1-S13	Kitchen – dish sink with sprayer	4.6
YCI1-S18	Nurse sink	30.9
YCI1-S21	Media center sink	ND

*Concentrations in µg/L

Full analytical summaries and field notes are included as attachments in Appendix A.

Limitations

These reports were prepared in accordance with that level of skill and care ordinarily exercised by other members of Blackstone's profession practicing in the same locality and under similar conditions when the services were provided. No warranties, express or implied, are intended or made.

Closing

If you have any questions, or need further assistance, please contact Kaley Muir at 913-575-9949 or John Knightly at 913-956-6225.

Respectfully,
BLACKSTONE ENVIRONMENTAL, INC.

Kaley S. Muir
Environmental Chemist

John Paul Knightly, CHMM
Senior Project Manager

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APPENDIX A

Field Sheets
Analytical Results

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Missouri School Districts DW

Date Purged 10/18
Date Sampled 10/19
purged by Belton Staff

School Belton School District - Resampling Oct. 2024

Team KSM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

	Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
BHS	44	1	X			BHS1-S44: Lounge Rm 409 - Teacher's Sink	1053	
	81	1			X	BHS1-081: Rm 602 - Spray hose by dishwasher	1102	
	112	1	X			BHS1-S112: Rm 400 - Handwash Sink	1100	
	8	1		X		BMS1-DF8: North fountain by East gym	936	
	~~14~~	1	X			~~BMS1-S14: Green Rm Sink~~ inaperable	939	
	26	1	X			BMS1-S26: Kitchen - Handwash Sink dishroom	944	
BMS	28	1	X			BMS1-S28: Kitchen - Handwash Sink	944	
	54	1	X			BMS1-S54: Rm 212 - Handwash sink near dishwasher	952	
	55	1	X			BMS1-S55: Rm 212 - middle handwash sink	952	
	57	1	X			BMS1-S57: Rm 212 - Handwash sink @ front	952	
	1	1	X			BC1-S1: Sink in Rm 112 (see map)	922	
	2	1	X			BC1-S2: Sink in Rm 109 (see map)	923	
BCSD	4	1		X		BC1-DF4: Fountain by office (see map)	924	
	5	1	X			BC1-S5: Sink in Rm 105	924	
	10	1		X		BC1-DF10: Fountain by 700's Class restroom	926	
	47	1	X			CE1-S47: Sink in Rm 23	1006	
Cambridge	53	1	X			CEL-S53: Sink in Rm 28	1008	
	56	1	X			CEL-S56: Sink in Rm 32	1009	
	60	1	X			CEL-S60: Sink in Rm 31	1010	
	64	1	X			CE1-S64: Sink in Rm 26	1011	
DO	14	1	X			DO1-S14: Art room front sink	840	
	19	1	X			GE1-S9: Sink in Rm 25	820	
Hadden	41	1	X			GE1-S41: Sink in Rm 11	823	
	45	1			X	GE1-045: icemaker in lounge	825	

Missouri School Districts DW

Date Purged 10/18
Date Sampled 10/19
↳ purged by Belton staff

School Belton School District - Resampling Oct. 2024

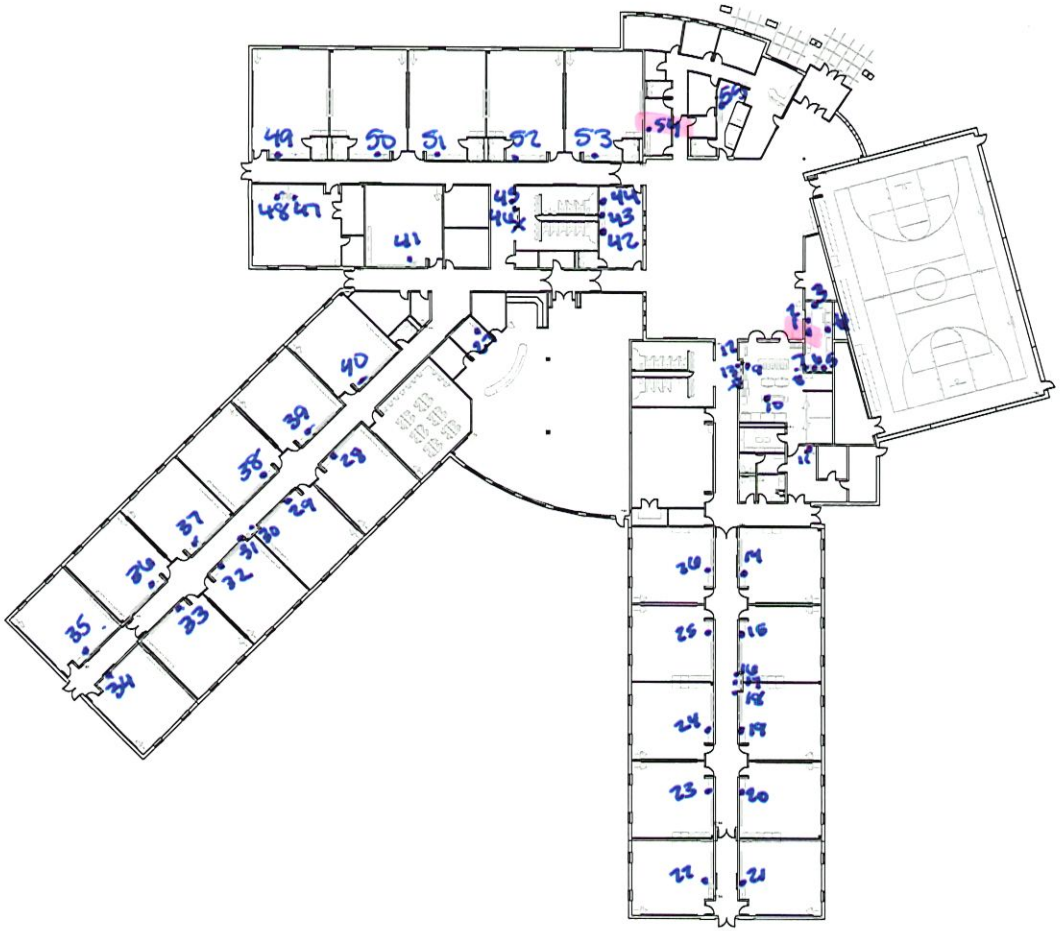
Team KSM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

	Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
KTE	1	1	X			KTE1-S1: Sink w/ sprayer by dishwasher (kitchen)	804	
	54	~~1~~ 1	X			KTE1-S54: Sink in copy room	805	
MCHE	8	1	X			MCHE1-S8: Kitchen - Right dish sink	1020	
	2	1	X			~~Classroom~~ SEC1-S2: Sink in Rm 23	852	
	3	1	X			SEC1-S3: Sink in Rm 21	853	
	4	1	X			SEC1-S4: Sink in Rm 22	854	
	5	1	X			SEC1-S5: Sink in Rm 20	855	
Scott	31	1	X			SEC1-S31: Sink in Rm 1	859	
	~~32~~	1			X	~~SEC1-O32: Bubbler in Rm 1~~ Removed bubbler		
	34	1	X			SEC1-S34: Sink in Rm 2	901	
	~~44~~	1	~~X~~		X	~~SEC1-O44: bubbler in 5~~ Removed bubbler		
	47	1	X			SEC1-S47: Sink in Rm 6	905	
	50	1	X			SEC1-S50: Sink in Rm 12	906	
Stadium	4	1	X		X	SSCC1-04: Concessions ice machine	1042	
	6	1	X		X	SSCC1-S6: Concessions handwash station	1043	
	17	1	X			WSAU-S17: Sink in Rm 207	835	
STEAM	42	2			X	WSA2-042: Kitchen dishwasher	840	
	12	1	X			YCI1-S12: Kitchen - handwash sink	1027	
Vecium	13	1	X			YCI1-S13: Kitchen - dish sink w/ sprayer	1027	
	18	1	X			YCI1-S18: Nurse sink	1030	
	21	1	X			YCI1-S21: Media Center sink	1032	

KTE

55 samples



* 7 in-op DFs

KENTUCKY TRAIL ELEMENTARY SCHOOL

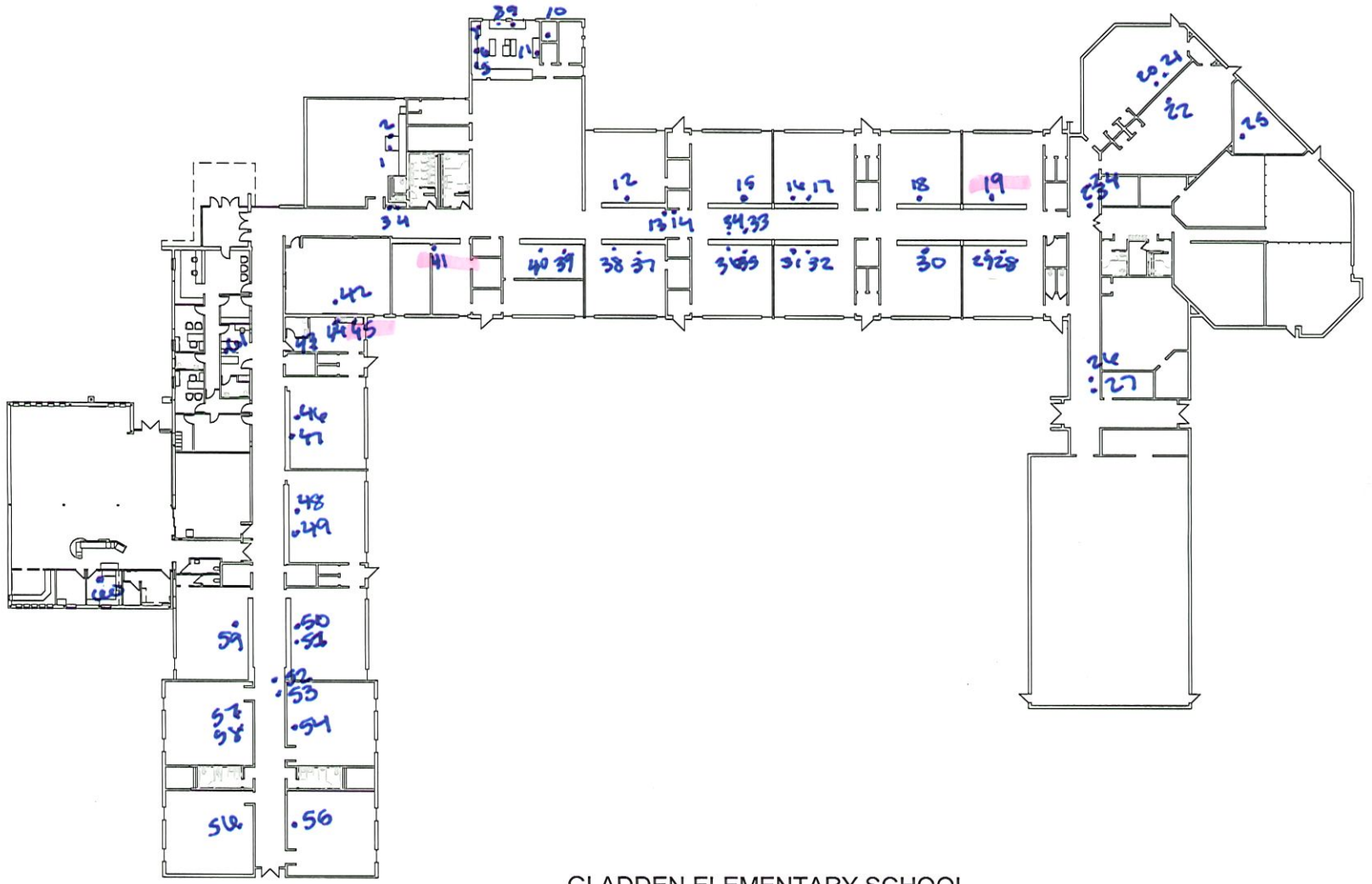
BELTON, MISSOURI

NORTH

Scale: 1" = 40'-0"

GE

61 samples

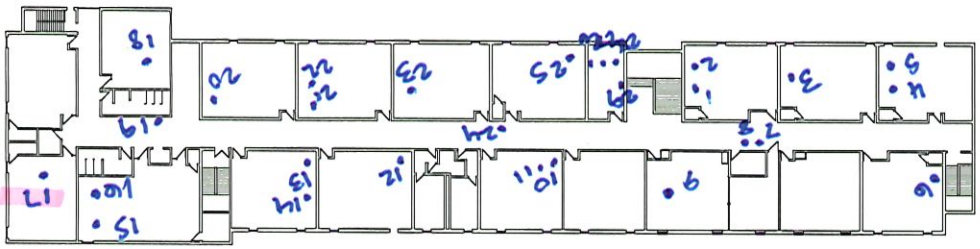


GLADDEN ELEMENTARY SCHOOL

BELTON, MISSOURI

NORTH Scale: 1/32" = 1'-0"

WSA



UPPER LEVEL



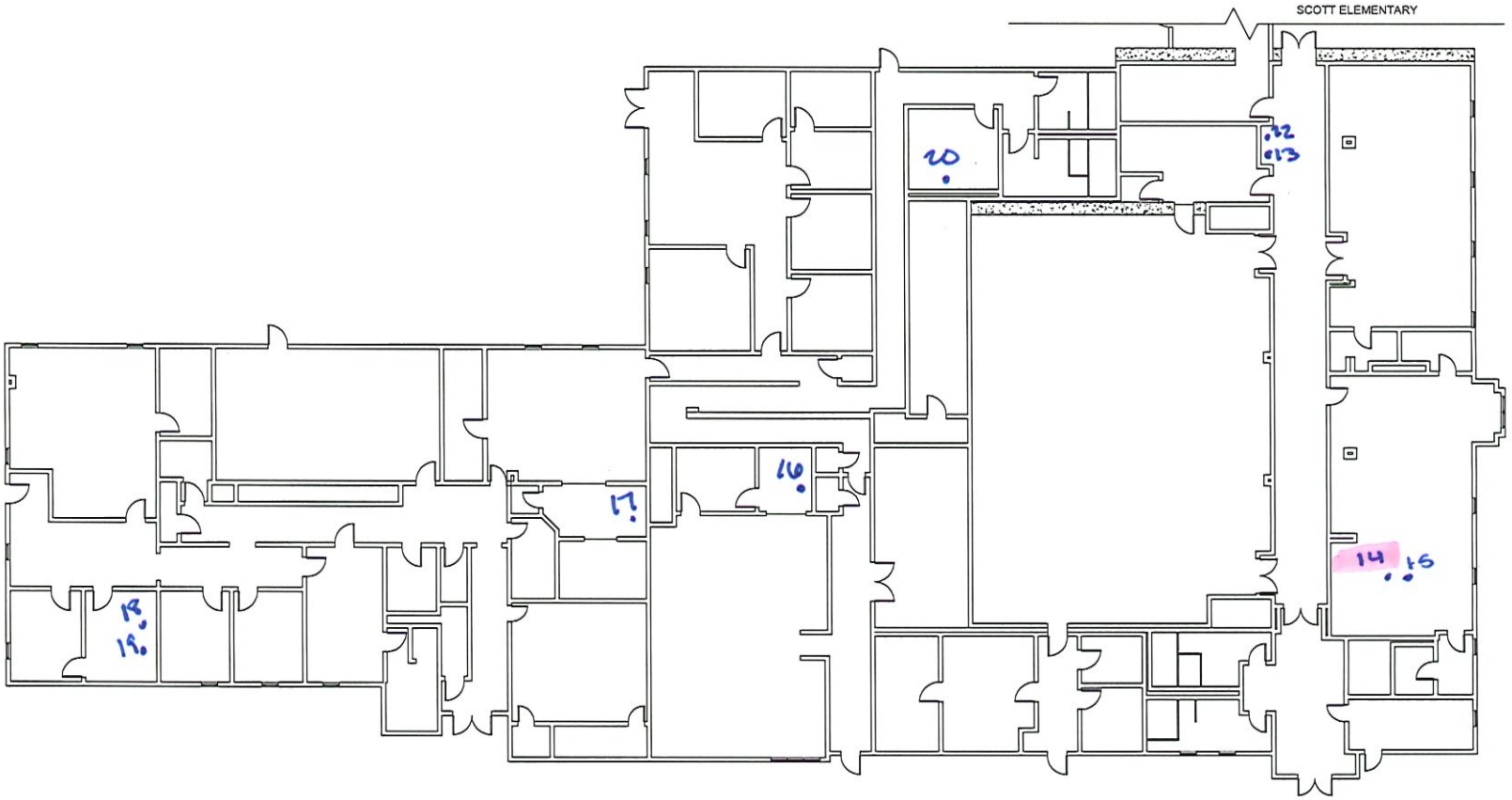
LOWER LEVEL

WILCKENS STEAM ACADEMY AT HILLCREST

BELTON, MISSOURI

NORTH Scale: 1" = 40'-0"

DO
PG 1

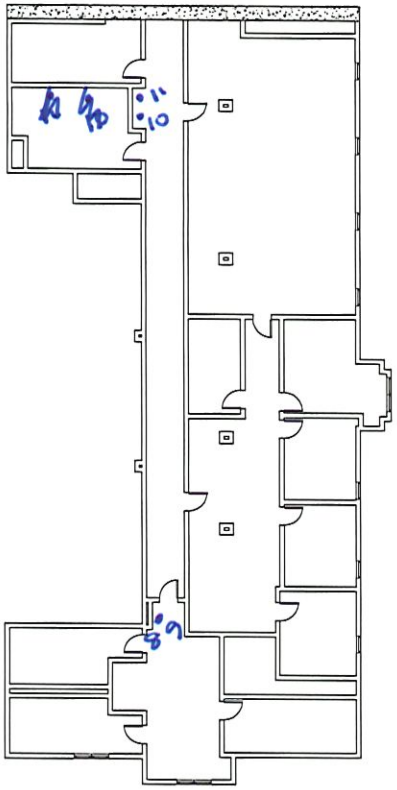


DISTRICT OFFICE

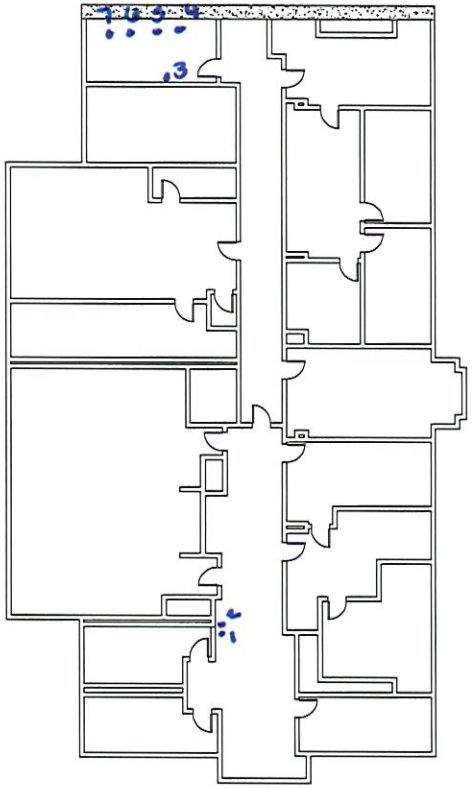
BELTON, MISSOURI

Scale: 1/16" = 1'-0"

DO
pg 2



1 DISTRICT OFFICES LVL 2
1/16" = 1'-0"

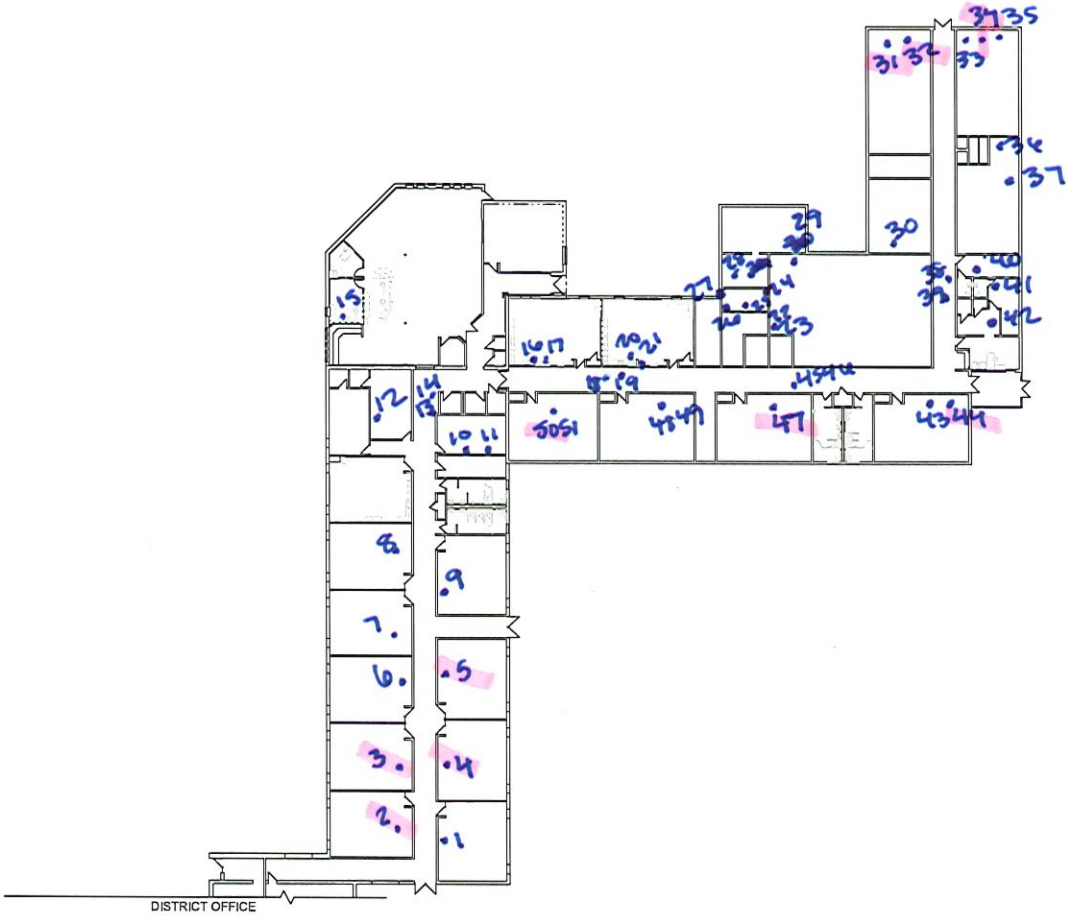


2 DISTRICT OFFICES LVL3
1/16" = 1'-0"

BELTON, MISSOURI

Scale: 1/16" = 1'-0"

SEC



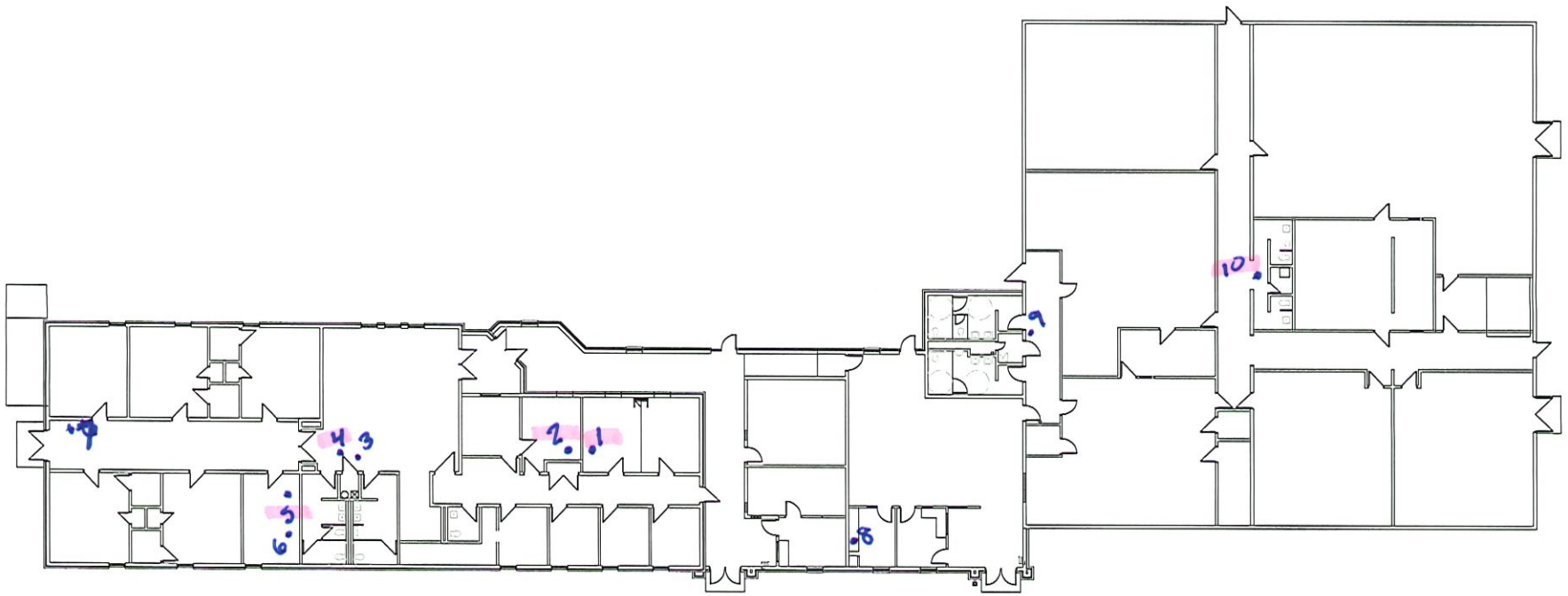
SCOTT EDUCATIONAL CENTER

BELTON, MISSOURI

NORTH

Scale: 1" = 40'-0"

BC



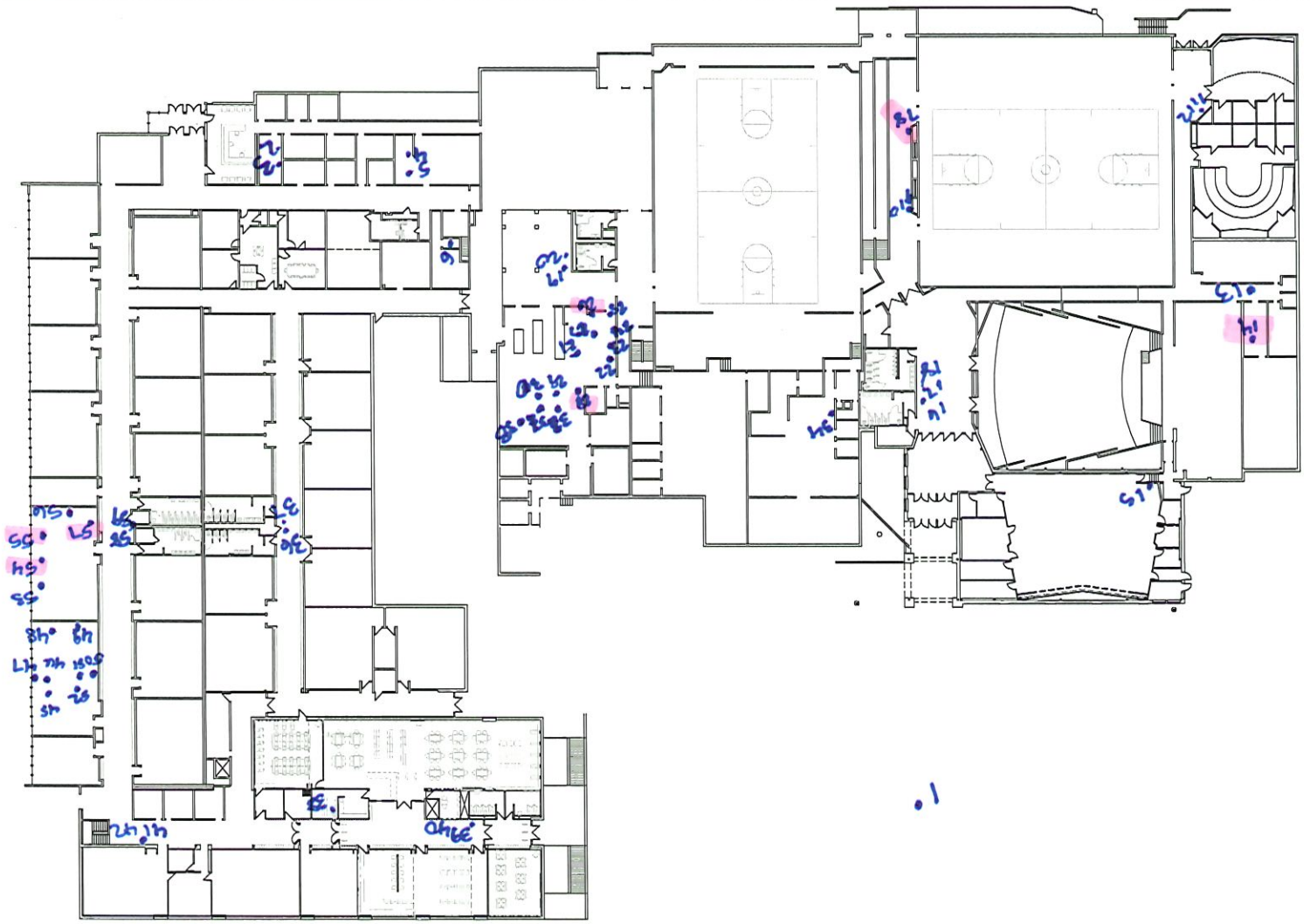
BOSCO CENTRAL

BELTON, MISSOURI

NORTH

Scale: 1" = 20'-0"

BMS
Pg 1

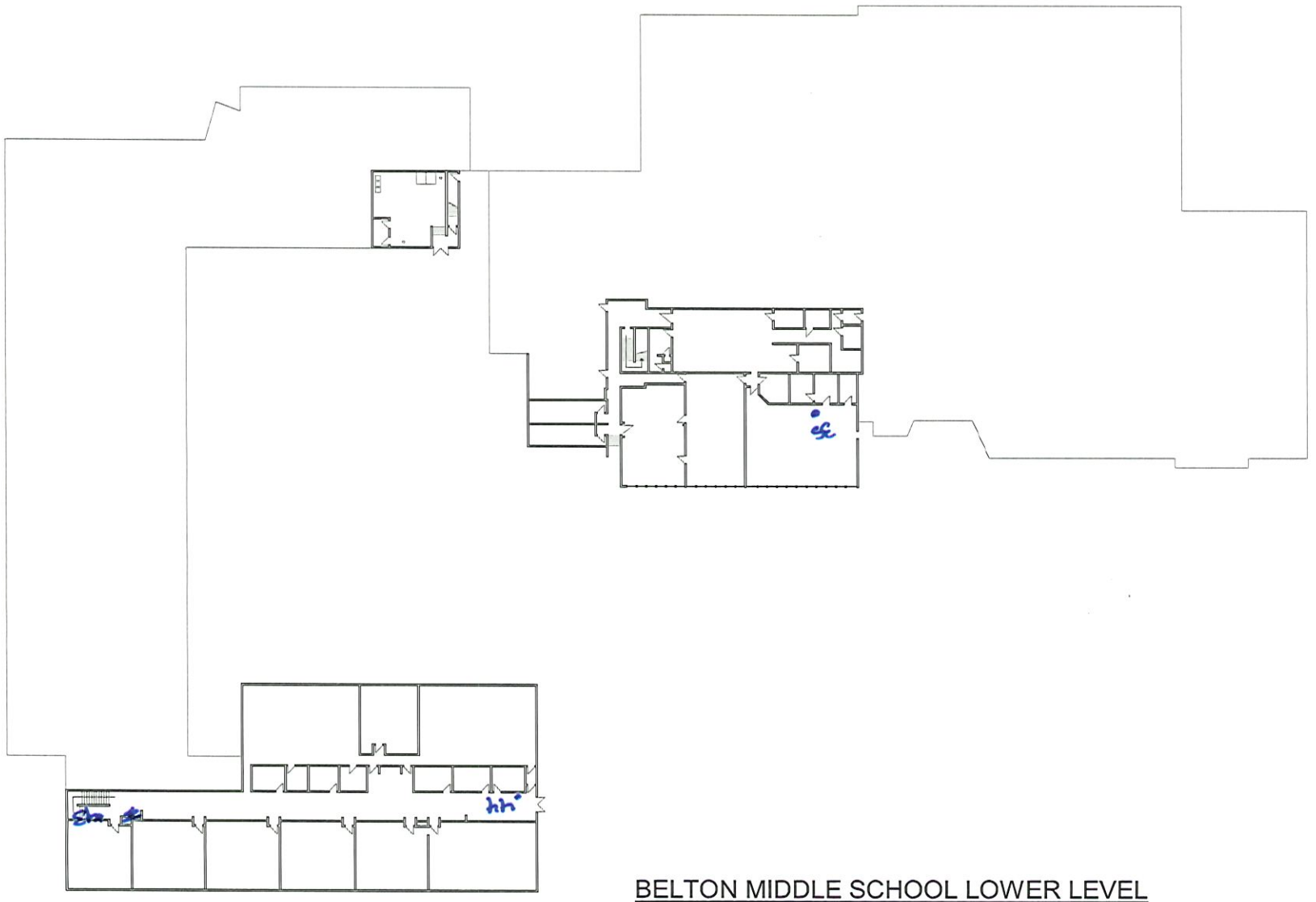


BELTON MIDDLE SCHOOL

BELTON, MISSOURI

NORTH Scale: 1" = 40'-0"

Bms
pg 2



BELTON MIDDLE SCHOOL LOWER LEVEL

BELTON, MISSOURI

NORTH Scale: 1" = 40'-0"

CE



CAMBRIDGE ELEMENTARY SCHOOL

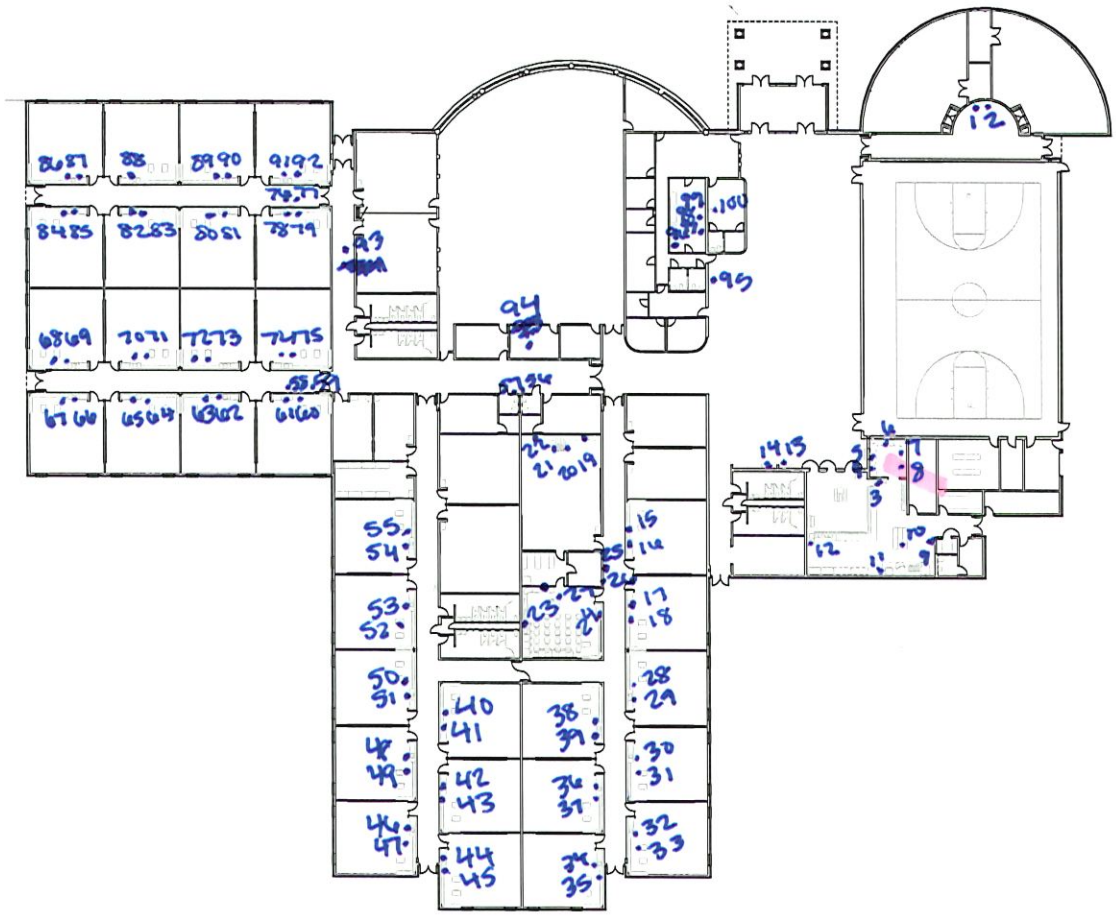
BELTON, MISSOURI

NORTH

Scale: 1" = 40'-0"

MCUE

100 samples

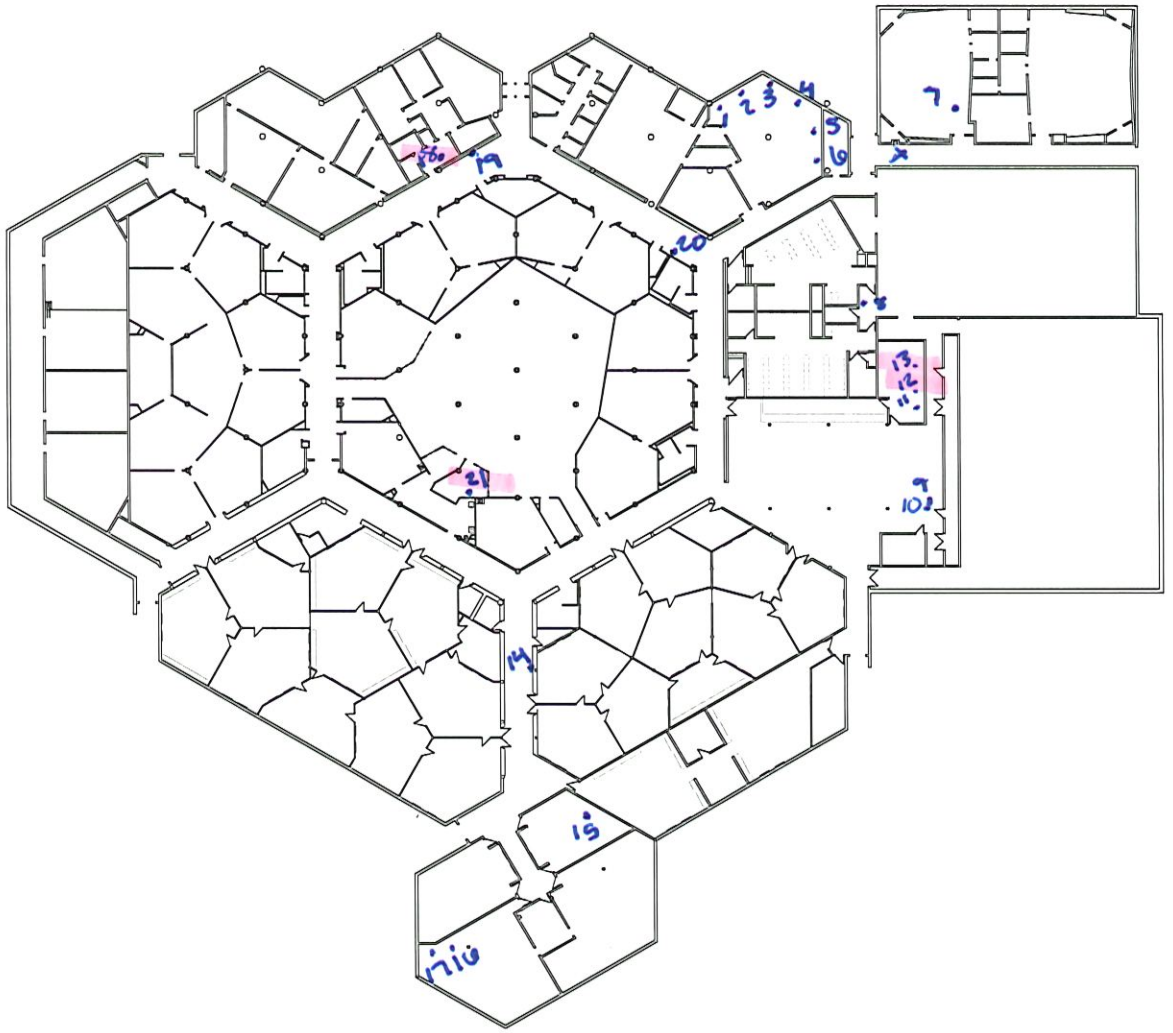


MILL CREEK UPPER ELEMENTARY SCHOOL

BELTON, MISSOURI

NORTH Scale: 1" = 40'-0"

YCI



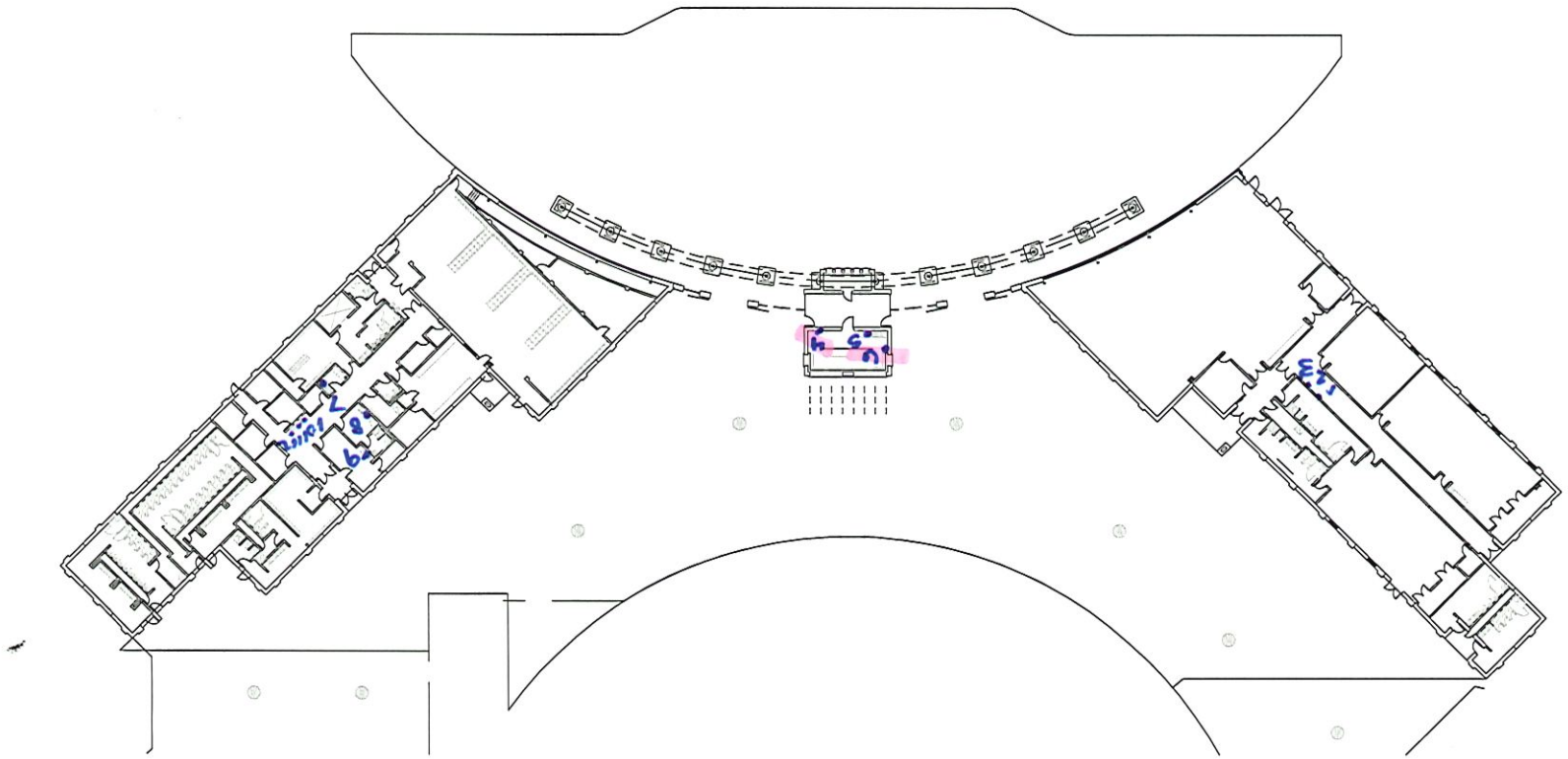
YEOKUM CENTER OF INNOVATION

BELTON, MISSOURI

NORTH

Scale: 1" = 40'-0"

SScc



SOUTHWICK STADIUM AND CURRICULUM CENTER

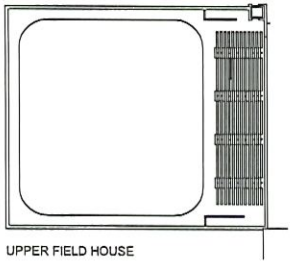
BELTON, MISSOURI

NORTH

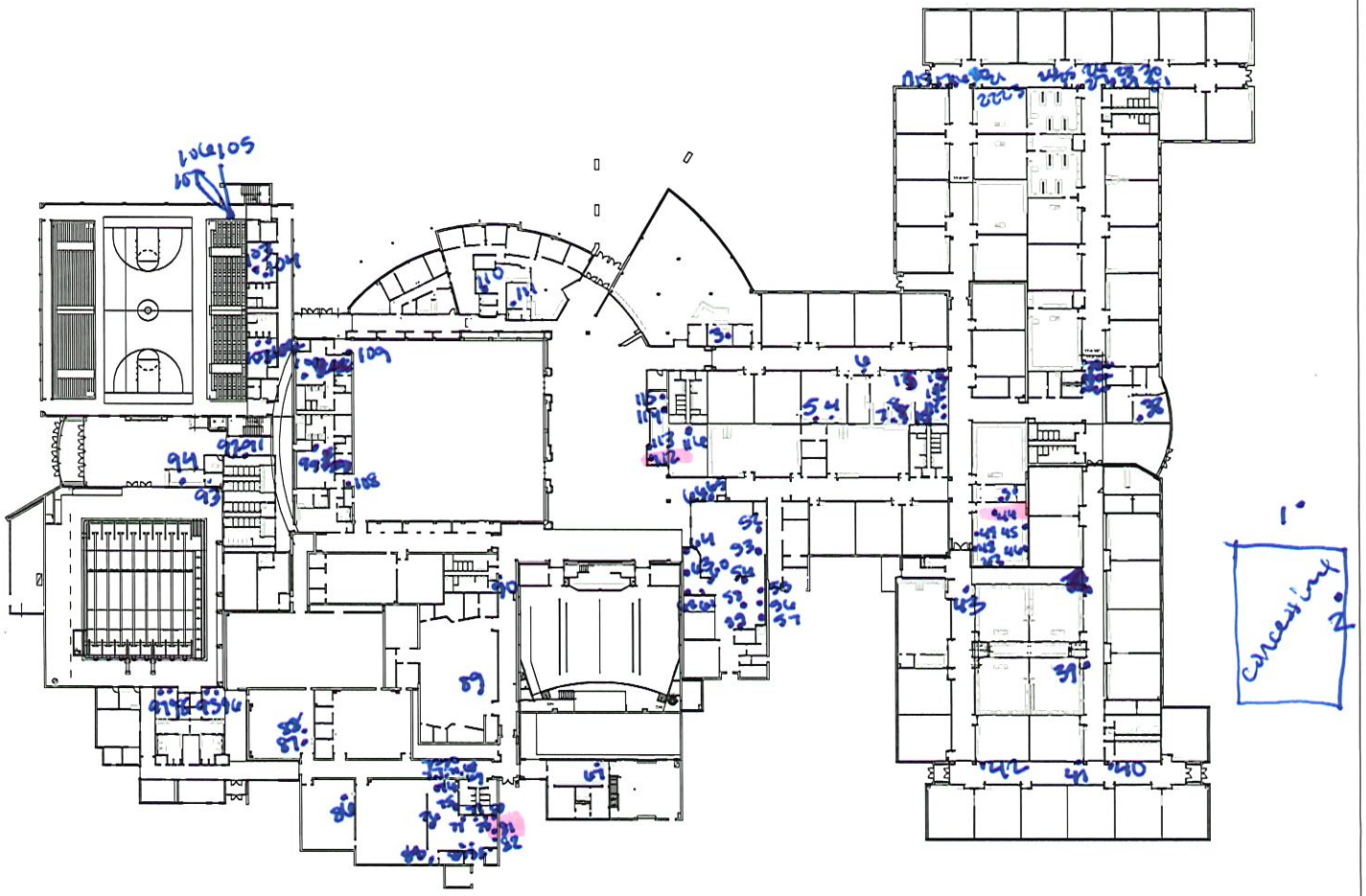
Scale: 1" = 40'-0"

BHS

116 samples



UPPER FIELD HOUSE



BELTON HIGH SCHOOL

BELTON, MISSOURI

NORTH Scale: 1" = 60'-0"

October 30, 2024

Kaley Muir
Blackstone Environmental, Inc.
16200 Foster Street
Overland Park, KS 66085
TEL: (913) 495-9990
FAX:

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

RE: 3659 - Belton School District DW **WorkOrder:** 24102034

Dear Kaley Muir:

TEKLAB, INC received 42 samples on 10/22/2024 11:45:00 AM 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

Client: Blackstone Environmental, Inc.
Work Order: 24102034
Client Project: 3659 - Belton School District DW
Report Date: 30-Oct-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	8
Chain of Custody	Appended

Client: Blackstone Environmental, Inc. **Work Order:** 24102034

Client Project: 3659 - Belton School District DW **Report Date:** 30-Oct-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: Blackstone Environmental, Inc. **Work Order:** 24102034

Client Project: 3659 - Belton School District DW **Report Date:** 30-Oct-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: Blackstone Environmental, Inc.
Work Order: 24102034
Client Project: 3659 - Belton School District DW
Report Date: 30-Oct-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: Blackstone Environmental, Inc. **Work Order:** 24102034

Client Project: 3659 - Belton School District DW **Report Date:** 30-Oct-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	Collinsville
Oklahoma	ODEQ	9978	NELAP	12/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Blackstone Environmental, Inc. **Work Order:** 24102034

Client Project: 3659 - Belton School District DW **Report Date:** 30-Oct-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									
24102034-001A	BHS1-S44	NELAP		1.0	**3.0**	µg/L	1	10/28/2024 13:40	10/19/2024 10:53
24102034-002A	BHS1-O81	NELAP		1.0	**6.1**	µg/L	5	10/30/2024 10:22	10/19/2024 11:02
24102034-003A	BHS1-S112	NELAP		1.0	**< 1.0**	µg/L	1	10/28/2024 13:44	10/19/2024 11:00
24102034-004A	BMS1-DF8	NELAP		1.0	**< 1.0**	µg/L	1	10/28/2024 13:47	10/19/2024 9:36
24102034-005A	BMS1-S26	NELAP		1.0	**7.9**	µg/L	1	10/28/2024 13:51	10/19/2024 9:44
24102034-006A	BMS1-S28	NELAP		1.0	**1.6**	µg/L	5	10/30/2024 10:25	10/19/2024 9:44
24102034-007A	BMS1-S54	NELAP		1.0	**1.0**	µg/L	1	10/28/2024 14:06	10/19/2024 9:52
24102034-008A	BMS1-S55	NELAP		1.0	**4.5**	µg/L	5	10/30/2024 10:29	10/19/2024 9:52
24102034-009A	BMS1-S57	NELAP		1.0	**< 1.0**	µg/L	1	10/28/2024 14:17	10/19/2024 9:52
24102034-010A	BC1-S1	NELAP		1.0	**7.2**	µg/L	1	10/28/2024 14:20	10/19/2024 9:22
24102034-011A	BC1-S2	NELAP		1.0	**1.7**	µg/L	1	10/28/2024 14:24	10/19/2024 9:23
24102034-012A	BC1-S4	NELAP		1.0	**3.6**	µg/L	1	10/28/2024 14:28	10/19/2024 9:24
24102034-013A	BC1-S5	NELAP		1.0	**6.5**	µg/L	5	10/30/2024 10:40	10/19/2024 9:24
24102034-014A	BC1-S10	NELAP		1.0	**< 1.0**	µg/L	1	10/28/2024 14:31	10/19/2024 9:26
24102034-015A	CE1-S45	NELAP		1.0	**5.2**	µg/L	1	10/28/2024 14:35	10/19/2024 10:06
24102034-016A	CEL-S53	NELAP		1.0	**7.2**	µg/L	1	10/28/2024 14:39	10/19/2024 10:08
24102034-017A	CEL-S56	NELAP		1.0	**1.1**	µg/L	1	10/28/2024 15:01	10/19/2024 10:09
24102034-018A	CEL-S60	NELAP		1.0	**4.2**	µg/L	1	10/28/2024 15:04	10/19/2024 10:10
24102034-019A	CE1-S64	NELAP		1.0	**1.5**	µg/L	5	10/30/2024 10:44	10/19/2024 10:11
24102034-020A	DO1-S14	NELAP		1.0	**1.8**	µg/L	1	10/28/2024 15:08	10/19/2024 8:48
24102034-021A	GE1-S19	NELAP		1.0	**< 1.0**	µg/L	1	10/28/2024 15:12	10/19/2024 8:20
24102034-022A	GE1-S41	NELAP		1.0	**4.4**	µg/L	5	10/30/2024 10:47	10/19/2024 8:23
24102034-023A	GE1-O45	NELAP		1.0	**< 1.0**	µg/L	5	10/30/2024 11:02	10/19/2024 8:25
24102034-024A	KTE1-S1	NELAP		1.0	**4.0**	µg/L	1	10/28/2024 15:15	10/19/2024 8:04
24102034-025A	KTE1-S54	NELAP		1.0	**14.1**	µg/L	1	10/28/2024 15:19	10/19/2024 8:05
24102034-026A	SEC1-S2	NELAP		1.0	**2.7**	µg/L	5	10/30/2024 11:06	10/19/2024 8:52
24102034-027A	SEC1-S3	NELAP		1.0	**1.5**	µg/L	5	10/30/2024 11:09	10/19/2024 8:53
24102034-028A	SEC1-S4	NELAP		1.0	**< 1.0**	µg/L	1	10/28/2024 15:23	10/19/2024 8:54
24102034-029A	SEC1-S5	NELAP		1.0	**10.2**	µg/L	5	10/30/2024 11:20	10/19/2024 8:55
24102034-030A	SEC1-S31	NELAP		1.0	**< 1.0**	µg/L	5	10/30/2024 11:24	10/19/2024 8:59
24102034-031A	SEC1-S34	NELAP		1.0	**2.2**	µg/L	5	10/30/2024 11:28	10/19/2024 9:01
24102034-032A	SEC1-S47	NELAP		1.0	**4.3**	µg/L	5	10/30/2024 11:31	10/19/2024 9:05
24102034-033A	SEC1-S50	NELAP		1.0	**1.2**	µg/L	5	10/30/2024 11:35	10/19/2024 9:06
24102034-034A	SSCC1-O4	NELAP		1.0	**< 1.0**	µg/L	5	10/30/2024 11:50	10/19/2024 10:42
24102034-035A	SSCC1-S6	NELAP		1.0	**5.6**	µg/L	1	10/28/2024 15:26	10/19/2024 10:43
24102034-036A	WSAU-S17	NELAP		1.0	**< 1.0**	µg/L	1	10/28/2024 15:41	10/19/2024 8:35
24102034-037A	WSAL-O42	NELAP		1.0	**< 1.0**	µg/L	5	10/30/2024 11:53	10/19/2024 8:40
24102034-038A	YCI1-S12	NELAP		1.0	**7.5**	µg/L	5	10/30/2024 11:57	10/19/2024 10:27
24102034-039A	YCI1-S13	NELAP		1.0	**6.4**	µg/L	5	10/30/2024 12:01	10/19/2024 10:27
24102034-040A	YCI1-S18	NELAP		1.0	**4.6**	µg/L	1	10/28/2024 15:52	10/19/2024 10:30
24102034-041A	YC1I-S21	NELAP		1.0	**30.9**	µg/L	1	10/28/2024 13:00	10/19/2024 10:32
24102034-042A	MCUE1-S8	NELAP		1.0	**< 1.0**	µg/L	5	10/30/2024 12:04	10/19/2024 10:20

Receiving Check List

http://www.teklabinc.com/

Client: Blackstone Environmental, Inc.
Client Project: 3659 - Belton School District DW

Work Order: 24102034
Report Date: 30-Oct-24

Carrier: Crossroads

Received By: JMD

Completed by: Amber Dilallo
On: 22-Oct-24

Reviewed by: Elizabeth A. Hurley
On: 23-Oct-24

Pages to follow: Chain of custody 5 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.

CHAIN OF CUSTODY

Pg 1 of 5 Workorder # 24102034

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: 913-495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Resampling October 2024

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KSM

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: DW Lead
24102034-001	BHS1-S44	10/19/24 @ 1053	Drinking Water	1									✓
002	BHS1-O81	10/19/24 @ 1102	Drinking Water	1									✓
003	BHS1-S112	10/19/24 @ 1100	Drinking Water	1									✓
004	BMS1-DF8	10/19/24 @ 936	Drinking Water	1									✓
~~—~~	~~BMS1-S14~~	~~10/19/24 @~~	~~Drinking Water~~	~~1~~									✓
005	BMS1-S26	10/19/24 @ 944	Drinking Water	1									✓
006	BMS1-S28	10/19/24 @ 944	Drinking Water	1									✓
007	BMS1-S54	10/19/24 @ 952	Drinking Water	1									✓
008	BMS1-S55	10/19/24 @ 952	Drinking Water	1									✓
009	BMS1-S57	10/19/24 @ 952	Drinking Water	1									✓
010	BC1-S1	10/19/24 @ 922	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	10/19/24 @ 1145		10/21/24 1315
	10/21/23 1600	Crossroads shipment	10/22/24 11:45

*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 5 Workorder # 24102034

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: 913-495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Resampling October 2024

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KSM

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: DW Lead
24102034-011	BC1-S2	10/19/24 @ 923	Drinking Water	1									✓
012	BC1-S4	10/19/24 @ 924	Drinking Water	1		-							✓
013	BC1-S5	10/19/24 @ 924	Drinking Water	1									✓
014	BC1-S10	10/19/24 @ 926	Drinking Water	1									✓
015	CE1-S45	10/19/24 @ 1006	Drinking Water	1									✓
016	CEL-S53	10/19/24 @ 1008	Drinking Water	1									✓
017	CEL-S56	10/19/24 @ 1009	Drinking Water	1									✓
018	CEL-S60	10/19/24 @ 1010	Drinking Water	1									✓
019	CE1-S64	10/19/24 @ 1011	Drinking Water	1									✓
020	DO1-S14	10/19/24 @ 848	Drinking Water	1									✓
021	GE1-S19	10/19/24 @ 820	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	10/19/24 1145		10/21/24 1315
	10/21/24 1605	Crossroads shipment	10/22/24 1145

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CHAIN OF CUSTODY

Pg 3 of 5 Workorder # 24102034

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: 913-495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Resampling October 2024

PROJECT NAME/NUMBER
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KSM

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: DW Lead
24102034 022	GE1-S41	10/19/24 @ 823	Drinking Water	1									✓
023	GE1-O45	10/19/24 @ 825	Drinking Water	1									✓
024	KTE1-S1	10/19/24 @ 804	Drinking Water	1									✓
025	KTE1-S54	10/19/24 @ 805	Drinking Water	1									✓
026	SEC1-S2	10/19/24 @ 852	Drinking Water	1									✓
027	SEC1-S3	10/19/24 @ 853	Drinking Water	1									✓
028	SEC1-S4	10/19/24 @ 854	Drinking Water	1									✓
029	SEC1-S5	10/19/24 @ 855	Drinking Water	1									✓
030	SEC1-S31	10/19/24 @ 859	Drinking Water	1									✓
~~—~~	~~SEC1-O32~~	~~10/19/24 @~~	Drinking Water	1									✓
031	SEC1-S34	10/19/24 @ 901	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	10/19/24 @ 1145		10/21/24 1310
	10/21/24 1600	Crossroads shipment	10/22/24 11:45

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CHAIN OF CUSTODY

Pg 4 of 5 Workorder # 24102034

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: 913-495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Resampling October 2024

PROJECT NAME/NUMBER
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KSM

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: DW Lead
~~24102034 032~~	~~SEC1-O44~~	~~10/19/24 @~~	~~Drinking Water~~	1									✓
24102034 032	SEC1-S47	10/19/24 @ 905	Drinking Water	1									✓
033	SEC1-S50	10/19/24 @ 906	Drinking Water	1									✓
034	SSCC1-O4	10/19/24 @ 1042	Drinking Water	1									✓
035	SSCC1-S6	10/19/24 @ 1043	Drinking Water	1									✓
036	WSAU-S17	10/19/24 @ 835	Drinking Water	1									✓
037	WSAL-O42	10/19/24 @ 840	Drinking Water	1									✓
038	YCI1-S12	10/19/24 @ 1027	Drinking Water	1									✓
039	YCI1-S13	10/19/24 @ 1027	Drinking Water	1									✓
040	YCI1-S18	10/19/24 @ 1030	Drinking Water	1									✓
041	YC1I-S21	10/19/24 @ 1032	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	10/19/24 @ 1145		10/21/24 915
	10/21/24 1600	Crossroads shipment	10/22/24 1125

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CHAIN OF CUSTODY

Pg 5 of 5 Workorder # 24102034

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: 913-495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Resampling October 2024

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KSM

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: DW Lead
24102034-042	MCUE1-S8	10/19/24 @ 1020	Drinking Water	1									✓
			Drinking Water										
			Drinking Water										
			Drinking Water										
			Drinking Water										
			Drinking Water										
			Drinking Water										
			Drinking Water										
			Drinking Water										
			Drinking Water										
			Drinking Water										

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	10/19/24 @ 1145		10/21/24 1315
	10/21/24 1600	Jack Davis Crossroads shipment	10/22/24 11:45

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July 2, 2024

Mr. Steven Troutwine
Belton School District #124
Director of Facilities
110 West Walnut
Belton, Missouri 64012

RE: Belton School District #124 – Drinking Water Testing Services
Complete Report

Dear Mr. Troutwine:

Blackstone Environmental Inc., (Blackstone) has been contracted by the Belton School District #124 (District) to provide lead in drinking water sampling for the high-priority potable water sources throughout the District. The objective of the sampling was to determine the lead concentration in these water sources and to identify sources exceeding the Missouri SB681 Action Level of 5 µg/L (parts per billion (ppb)).

Background

Testing and reporting were conducted in accordance with Missouri State Statute 160-077, Get the Lead Out of School Drinking Water Act, and included sampling of potable water fixtures used for drinking or food preparation including water fountains, faucets, taps, ice making machines, hot drink machines, and outlets used for dispensing water for cooking or for cleaning cooking and eating utensils.

Field Sampling

Field sampling took place May 28 through June 1, 2024, with a total of 685 samples collected from water sources throughout the District. The following table illustrates the total samples collected from each facility and the total number of samples from each facility that exceeded the Missouri SB681 Action Level for lead of 5 ppb.

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Facility	Total Number of Samples	Number of Samples Exceeding Action Level
Belton High School	116	3
Belton Middle School	59	7
Bosco Central	10	5
Cambridge Elementary	71	6
District Office	20	1
Gladden Elementary	61	4
Grace Early Childhood Center	46	0
Kentucky Trail Elementary	55	2
Mill Creek Upper Elementary	100	1
Scott Educational Center	51	10
Southwick Stadium and Curriculum Center	12	2
Wilkens STEAM Academy at Hillcrest	63	2
Yeokum Center of Innovation	21	11
Totals	685	54

Full reports for each facility with a full analytical summary and recommendations are included in the following report and are tabbed for each facility for easy navigation.

Limitations

These reports were prepared in accordance with that level of skill and care ordinarily exercised by other members of Blackstone's profession practicing in the same locality and under similar conditions when the services were provided. No warranties, express or implied, are intended or made.

Closing

If you have any questions, or need further assistance, please contact John Knightly at 913-956-6225.

Respectfully,
BLACKSTONE ENVIRONMENTAL, INC.

Kaley S. Muir
Environmental Chemist

John Paul Knightly, CHMM
Senior Project Manager

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Drinking Water Testing Services

Belton School District #124
110 West Walnut
Belton, Missouri 64012

Blackstone Environmental
16200 Foster Street
Overland Park, Kansas 66085
Project Number: 3659

July 2, 2024

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June 28, 2024

Mr. Steven Troutwine
Belton School District #124
Director of Facilities

RE: Belton School District #124 – Drinking Water Testing Services
Belton High School
801 West North Avenue

Dear Mr. Troutwine:

Blackstone Environmental Inc., (Blackstone) has been contracted by the Belton School District #24 to provide lead in drinking water sampling for the high-priority potable water sources throughout the school district. The objective of the sampling was to determine the lead concentrations in these potable water sources throughout the school district and to identify sources exceeding the Missouri SB681 Action Level of 5 µg/L (parts per billion (ppb)).

Background

Testing and reporting has been conducted in accordance with Missouri State Statute 160-077, Get the Lead Out of School Drinking Water Act, and included sampling of potable water fixtures used for drinking or food preparation including water fountains, faucets, taps, ice making machines, hot drink machines, and outlets used for dispensing water for cooking or for cleaning cooking and eating utensils.

Field Sampling

Field sampling procedures included preparing an inventory of drinking water outlets and outlets that are used for dispensing water for cooking or for cleaning cooking and eating utensils. Each of these locations are marked on the facility maps included in Attachment A.

Each water source was flushed for a minimum of five minutes. Signage was then attached to the source to prevent it from being used prior to sample collection. Between 8 and 18 hours after the source was flushed, Blackstone personnel returned to collect a water sample into laboratory supplied 250-mL sample containers for analysis of total lead concentration by EPA Method 200.8. New nitrile gloves were worn for each sample collection. Labels were prepared and affixed to each sampling container stating the sample location, technicians name, and date and time of sample collection. Field forms were prepared for each school to document pertinent information including sample identification, type of source, time flushed, and time sampled. Field information forms are included in Attachment B.

Once sampling was complete, the samples were transferred under proper chain-of-custody procedures to TekLab, Inc. of Collinsville, Illinois for analysis.

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Analytical Summary

A total of 116 water samples were collected from Belton High School located at 801 West North Avenue. A summary table is included in Attachment C. Of the 116 samples collected, 3 exceeded the Missouri SB681 Action Level for lead of 5 ppb as shown in the table below. Sample locations that exceeded the Action Level for lead are also identified on the facility maps in Attachment A.

Summary of Lead Results Exceeding Action Levels

Sample ID	Location Description	Lead Concentration
BHS1-S44	Lounge Room 409 – Teacher's Sink	10.6
BHS1-O81	Room 602 – Spray Hose by Dishwasher	10.8
BHS1-S112	Room 400 – Hand Wash Sink	5.1

*Concentrations in µg/L

A copy of the laboratory analytical report is included as Attachment D.

Recommendations

Recommendations for those water sources that exceed the action levels include removal of the location from services, or filtering, depending on the individual results.

Limitations

This report was prepared in accordance with that level of skill and care ordinarily exercised by other members of Blackstone's profession practicing in the same locality and under similar conditions when the services were provided. No warranties, express or implied, are intended or made.

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Closing

If you have any questions, or need further assistance, please contact Lindsay James at 913-522-0370.

Respectfully,
BLACKSTONE ENVIRONMENTAL, INC.

Kaley S. Muir
Environmental Chemist

John Paul Knightly, CHMM
Senior Project Manager

Enclosures Attachment A – Facility Maps
Attachment B – Field Forms
Attachment C – Summary Table
Attachment D – Laboratory Analytical Report

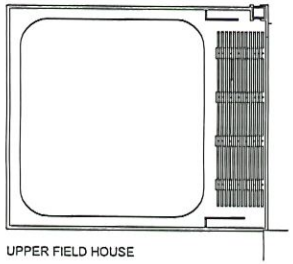
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ATTACHMENT A

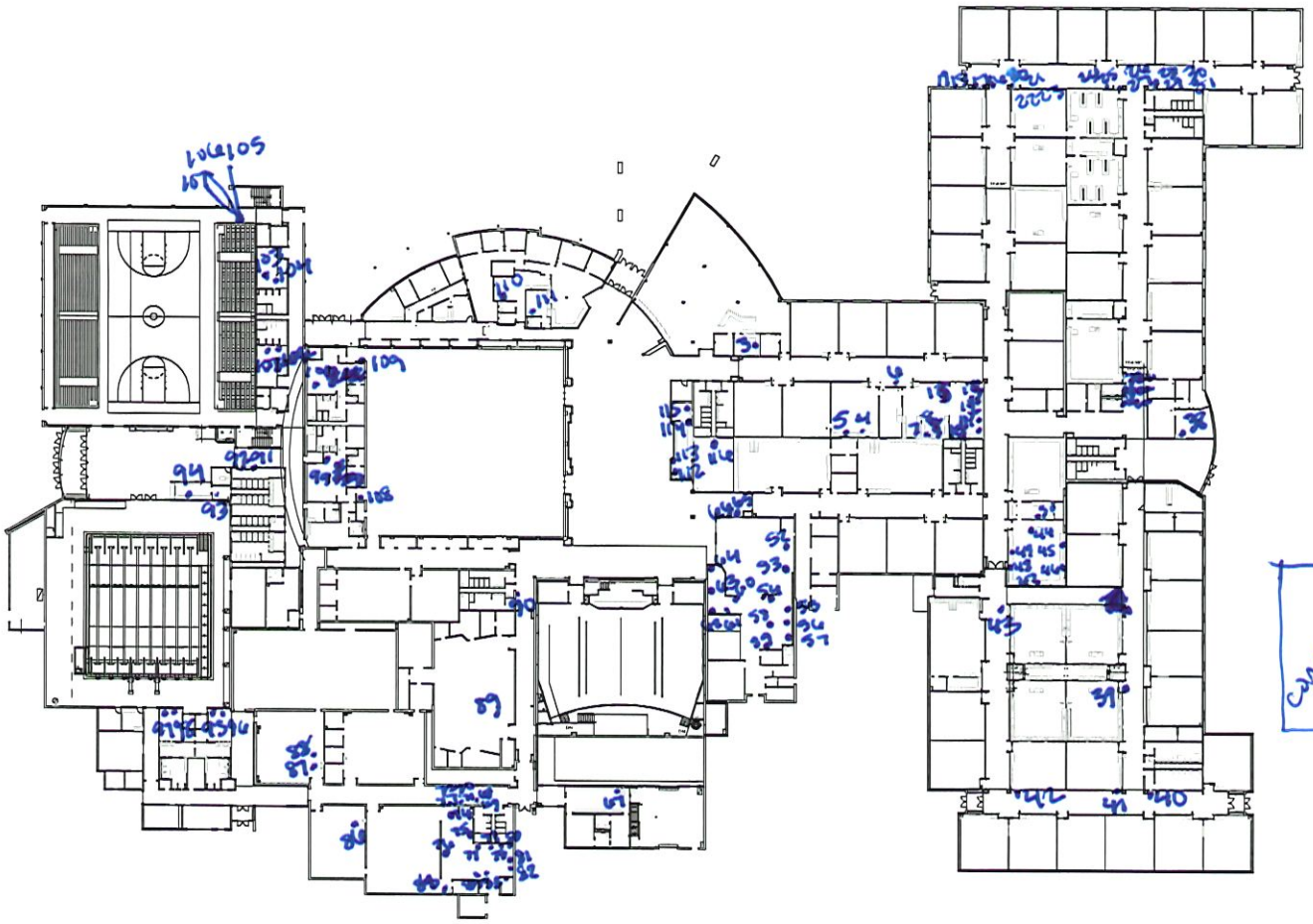
Belton High School
Facility Maps

BHS

116 samples



UPPER FIELD HOUSE



BELTON HIGH SCHOOL

BELTON, MISSOURI

NORTH Scale: 1" = 60'-0"

ATTACHMENT B

Belton High School
Field Forms

Missouri School Districts DW

Date Purged 5/29
Date Sampled 5/30

School Belton High School

Team CR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
1	0		X		northeast fountain on concessions	12:38	8:35
2	0	X			baseball concession sink	12:38	8:35
3	1	X			201B media center office	12:46	8:41
4	1	X			206 sink	12:51	8:48
5	1			X	206 dishwasher	12:51	8:48
6	1			X	filler between	12:56	8:50
7	1	X			210 6 sink	12:56	8:50
8	1			X	210 5/6 dishwasher	12:56	8:52
9	1	X			210 5 sink	12:56	8:50
10	1	X			210 4 sink	12:56	8:50
11	1	X			210 3 sink	12:56	8:50
12	1	X			210 2 sink	12:56	8:50
13	1			X	210 1/2 ~~sink~~ dishwasher	12:56	8:52
14	1	X			210 1 sink	12:56	8:50
15	1	X			210 teacher sink	12:56	8:50
16	1			X	(l) filler ~~fountains~~ on north end 300 hall	13:01	8:58
17	1		X		(l) fountain north end 300 hall	13:01	8:58
18	1			X	(r) filler north end 300 hall	13:01	8:58
19	1		X		(r) fountain north end 300 hall	13:01	8:58
20	1			X	(r) filler across from 302	13:06	8:59
21	1		X		(r) fountain across from 302	13:06	8:59
22	1			X	(l) filler across from 302	13:06	8:59
23	1		X		(l) fountain across from 302	13:06	8:59
24	1			X	(r) filler across from 304	13:11	9:00

Missouri School Districts DW

Date Purged 5/29
Date Sampled 5/30

School Belton High

Team AR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
25	1		X		(r) fountain across from 304	13:11	9:00
26	1			X	(l) filler across from 304	13:11	9:00
27	1		X		(l) fountain across from 304	13:11	9:00
28	1			X	South of 300 hall - (r) filler	13:16	9:02
29	1		X		south of 300 hall - (r) fountain	13:16	9:02
30	1			X	south of 300 hall - (l) filler	13:16	9:02
31	1		X		south of 300 hall - (l) fountain	13:16	9:02
32	1			X	across from 320 office - (r) filler	13:21	9:04
33	1		X		across from 320 - (r) fountain	13:21	9:04
34	1			X	across from 320 -(m) filler	13:21	9:04
35	1		X		across from 320 -(m) fountain	13:21	9:04
36	1			X	across from 320 -(l) filler	13:21	9:04
37	1		X		across from 320 -(l) fountain	13:21	9:04
38	1	X			320 conference sink	13:21	9:05
39	1			X	(r) filler across from 328	13:26	9:06
40	1			X	E (r) filler across from 334	13:31	9:07
41	1			X	W (r) filler across from 334	13:36	9:07
42	1			X	(r) filler across from 336	13:41	9:08
43	1			X	(r) filler across from 410	13:46	9:09
44	1	X			lounge 409 teacher sink	13:51	9:11
45	1	X			409 lounge far left sink	13:51	9:11
46	1	X			409 lounge far right sink	13:51	9:11
47	1	X			409 lounge love wall sink	13:51	9:11
48	1	X			409 lounge close left sink	13:51	9:11

Missouri School Districts DW

Date Purged 5/29
Date Sampled 5/30

School Belton High

Team AR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
49	1	X			409 lounge close right sink	13:51	9:12
50	1	X			prep room off 409 sink	13:51	9:12
51	1			X	filler across from 404	13:58	9:14
52	1	X			hand sink by ice machine	14:05	9:16
53	1			X	ice machine	14:05	9:18
54	1	X			hand sink by ovens	14:05	9:20
55	1			X	sprayer by oven	14:05	9:21
56	1			X	hot water dispenser	14:05	9:21
57	1			X	sprayer for large pot	14:05	9:21
58	1	X			prep sink	14:06	9:22
59	1	X			hand wash by office	14:06	9:22
60	1	X			hand wash by dish room	14:06	9:23
61	1	X			(l) dish sink w/ sprayer	14:06	9:23
62	1	X			(r) dish sink	14:06	9:23
63	1			X	dishwasher	14:07	9:25
64	1	X			sink sprayer before dishwasher	14:07	9:25
65	1			X	(l) filler by 402	14:12	9:27
66	1		X		(l) fountain by 402	14:12	9:27
67	1	X			504 green room sink	14:19	9:30
68	1			X	(l) filler in music hall	14:25	9:30
69	1		X		(l) fountain in music hall	14:25	9:30
70	1			X	(m) ~~fountain~~ filler in music hall	14:25	9:31
71	1		X		(m) fountain in music hall	14:25	9:31
72	1			X	(r) filler in music hall	14:25	9:31

Missouri School Districts DW

Date Purged 5/29
Date Sampled 5/30

School Belton High

Team AR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
73	1		X		(r) fountain in music hall	14:25	9:31
74	1	X			602 hand sink by washer/dryer	14:30	9:34
75	1			X	602 ice machine	14:30	9:35
76	1	X			602 hand wash by dish sink	14:30	9:36
77	1	X			602 (l) sink w/sprayer	14:31	9:36
78	1	X			602 (m) dish sink	14:30	9:36
79	1	X			602 (r) dish sink	14:30	9:36
80	1			X	602 dishwasher	14:31	9:37
81	1			X	602 spray hose by dishwasher	14:31	9:37
82	1	X			602 sink w/sprayer	14:31	9:37
83	1	X			602 sink by fridge	14:31	9:38
84	1	X			602 sink w/ sprayer by fridge	14:31	9:38
85	1	X			602 hand sink by pots	14:31	9:38
86	1	X			604 sink	14:33	9:40
87	1		X		605 fountain	14:38	9:42
88	1	X			605 sink	14:38	9:42
89	1	X			601 sink	14:43	9:44
90	1			X	filler by restrooms + vending machines	14:48	9:45
91	1			X	(l) filler by 903	14:54	9:46
92	1			X	(r) filler by 903	14:54	9:46
93	1			X	902 ice machine	14:54	9:47
94	1	X			902 sink	14:54	9:47
95	1			X	pool - boys locker room filler	14:59	9:52
96	1		X		pool - boys locker room fountain	14:59	9:52

Missouri School Districts DW

Date Purged 5/29
Date Sampled 5/30

School Belton High

Team QR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
97	1			X	pool - girls locker room filler	14:59	9:53
98	1		X		pool - girls locker room fountain	14:59	9:53
99	1		X		701B - fountain	15:04	9:55
100	1		X		701C - fountain	15:04	9:56
101	1			X	905 - filler	15:09	9:57
102	1		X		905 - fountain	15:09	9:57
103	1			X	906 - filler	15:09	9:58
104	1		X		906 - fountain	15:09	9:58
105	1		X	&&	907 - gym north (l) fountain	15:14	9:59
106	1			X	907 - gym north (r) filler	15:14	9:59
107	1		X		907 - gym north (r) fountain	15:14	9:59
108	1		X		701 - south fountain	15:19	10:01
109	1		X		701 - north fountain	15:19	10:01
110	1	X			103 - lounge sink	15:25	10:03
111	1	X			102 - sink	15:30	10:03
112	1	X			400 hand wash sink	15:35	10:05
113	1			X	400 ice machine	15:35	10:05
114	1	X			401 dish sink	15:35	10:06
115	1	X			401 sink w/sprayer	15:35	10:06
116	1	X			401 sink	15:35	10:07

BLACKSTONE ENVIRONMENTAL

ATTACHMENT C

Belton High School
Summary Table

Summary Table
Belton High School

Sample ID	Date	Analyte	Result	Unit	Reporting Limit
BHSO-DF1	5/30/2024	Lead	ND	µg/L	1
BHSO-S2	5/30/2024	Lead	ND	µg/L	1
BHS1-S3	5/30/2024	Lead	**1.6**	µg/L	1
BHS1-S4	5/30/2024	Lead	ND	µg/L	1
BHS1-05	5/30/2024	Lead	ND	µg/L	1
BHS1-06	5/30/2024	Lead	ND	µg/L	1
BHS1-S7	5/30/2024	Lead	**1.3**	µg/L	1
BHS1-08	5/30/2024	Lead	ND	µg/L	1
BHS1-S9	5/30/2024	Lead	ND	µg/L	1
BHS1-S10	5/30/2024	Lead	ND	µg/L	1
BHS1-S11	5/30/2024	Lead	ND	µg/L	1
BHS1-S12	5/30/2024	Lead	ND	µg/L	1
BHS1-013	5/30/2024	Lead	ND	µg/L	1
BHS1-S14	5/30/2024	Lead	ND	µg/L	1
BHS1-S15	5/30/2024	Lead	**3.4**	µg/L	1
BHS1-016	5/30/2024	Lead	ND	µg/L	1
BHS1-DF17	5/30/2024	Lead	ND	µg/L	1
BHS1-018	5/30/2024	Lead	ND	µg/L	1
BHS1-DF19	5/30/2024	Lead	ND	µg/L	1
BHS1-020	5/30/2024	Lead	ND	µg/L	1
BHS1-DF21	5/30/2024	Lead	ND	µg/L	1
BHS1-022	5/30/2024	Lead	ND	µg/L	1
BHS1-DF23	5/30/2024	Lead	ND	µg/L	1
BHS1-024	5/30/2024	Lead	ND	µg/L	1
BHS1-DF25	5/30/2024	Lead	ND	µg/L	1
BHS1-026	5/30/2024	Lead	ND	µg/L	1
BHS1-DF27	5/30/2024	Lead	ND	µg/L	1
BHS1-028	5/30/2024	Lead	ND	µg/L	1
BHS1-DF29	5/30/2024	Lead	ND	µg/L	1
BHS1-030	5/30/2024	Lead	ND	µg/L	1
BHS1-DF31	5/30/2024	Lead	ND	µg/L	1
BHS1-032	5/30/2024	Lead	ND	µg/L	1
BHS1-DF33	5/30/2024	Lead	ND	µg/L	1
BHS1-034	5/30/2024	Lead	ND	µg/L	1
BHS1-DF35	5/30/2024	Lead	ND	µg/L	1
BHS1-036	5/30/2024	Lead	ND	µg/L	1
BHS1-DF37	5/30/2024	Lead	ND	µg/L	1
BHS1-S38	5/30/2024	Lead	ND	µg/L	1
BHS1-039	5/30/2024	Lead	ND	µg/L	1
BHS1-040	5/30/2024	Lead	ND	µg/L	1
BHS1-041	5/30/2024	Lead	ND	µg/L	1
BHS1-042	5/30/2024	Lead	ND	µg/L	1
BHS1-043	5/30/2024	Lead	ND	µg/L	1

BHS1-S44	5/30/2024	Lead	**10.6**	µg/L	1
BHS1-S45	5/30/2024	Lead	**1.3**	µg/L	1
BHS1-S46	5/30/2024	Lead	ND	µg/L	1
BHS1-S47	5/30/2024	Lead	ND	µg/L	1
BHS1-S48	5/30/2024	Lead	**1.0**	µg/L	1
BHS1-S49	5/30/2024	Lead	**1.7**	µg/L	1
BHS1-S50	5/30/2024	Lead	**3.9**	µg/L	1
BHS1-051	5/30/2024	Lead	ND	µg/L	1
BHS1-S52	5/30/2024	Lead	**1.1**	µg/L	1
BHS1-053	5/30/2024	Lead	ND	µg/L	1
BHS1-S54	5/30/2024	Lead	**3.2**	µg/L	1
BHS1-055	5/30/2024	Lead	**1.1**	µg/L	1
BHS1-056	5/30/2024	Lead	ND	µg/L	1
BHS1-057	5/30/2024	Lead	**1.3**	µg/L	1
BHS1-S58	5/30/2024	Lead	ND	µg/L	1
BHS1-S59	5/30/2024	Lead	ND	µg/L	1
BHS1-S60	5/30/2024	Lead	**2.1**	µg/L	1
BHS1-S61	5/30/2024	Lead	ND	µg/L	1
BHS1-S62	5/30/2024	Lead	ND	µg/L	1
BHS1-063	5/30/2024	Lead	ND	µg/L	1
BHS1-S64	5/30/2024	Lead	ND	µg/L	1
BHS1-065	5/30/2024	Lead	ND	µg/L	1
BHS1-DF66	5/30/2024	Lead	ND	µg/L	1
BHS1-S67	5/30/2024	Lead	ND	µg/L	1
BHS1-068	5/30/2024	Lead	ND	µg/L	1
BHS1-DF69	5/30/2024	Lead	ND	µg/L	1
BHS1-070	5/30/2024	Lead	ND	µg/L	1
BHS1-DF71	5/30/2024	Lead	ND	µg/L	1
BHS1-072	5/30/2024	Lead	ND	µg/L	1
BHS1-DF73	5/30/2024	Lead	ND	µg/L	1
BHS1-S74	5/30/2024	Lead	ND	µg/L	1
BHS1-075	5/30/2024	Lead	ND	µg/L	1
BHS1-S76	5/30/2024	Lead	ND	µg/L	1
BHS1-S77	5/30/2024	Lead	**1.1**	µg/L	1
BHS1-S78	5/30/2024	Lead	**2.1**	µg/L	1
BHS1-S79	5/30/2024	Lead	**2.6**	µg/L	1
BHS1-080	5/30/2024	Lead	ND	µg/L	1
BHS1-081	5/30/2024	Lead	**10.8**	µg/L	1
BHS1-S82	5/30/2024	Lead	**2.9**	µg/L	1
BHS1-S83	5/30/2024	Lead	**1.1**	µg/L	1
BHS1-S84	5/30/2024	Lead	**1.5**	µg/L	1
BHS1-S85	5/30/2024	Lead	ND	µg/L	1
BHS1-S86	5/30/2024	Lead	ND	µg/L	1
BHS1-DF87	5/30/2024	Lead	ND	µg/L	1
BHS1-S88	5/30/2024	Lead	ND	µg/L	1
BHS1-S89	5/30/2024	Lead	ND	µg/L	1
BHS1-090	5/30/2024	Lead	ND	µg/L	1
BHS1-091	5/30/2024	Lead	ND	µg/L	1

BHS1-092	5/30/2024	Lead	ND	µg/L	1
BHS1-093	5/30/2024	Lead	ND	µg/L	1
BHS1-S94	5/30/2024	Lead	**1.5**	µg/L	1
BHS1-095	5/30/2024	Lead	ND	µg/L	1
BHS1-DF96	5/30/2024	Lead	ND	µg/L	1
BHS1-097	5/30/2024	Lead	ND	µg/L	1
BHS1-DF98	5/30/2024	Lead	ND	µg/L	1
BHS1-DF99	5/30/2024	Lead	ND	µg/L	1
BHS1-DF100	5/30/2024	Lead	ND	µg/L	1
BHS1-0101	5/30/2024	Lead	ND	µg/L	1
BHS1-DF102	5/30/2024	Lead	ND	µg/L	1
BHS1-0103	5/30/2024	Lead	ND	µg/L	1
BHS1-DF104	5/30/2024	Lead	ND	µg/L	1
BHS1-DF105	5/30/2024	Lead	ND	µg/L	1
BHS1-0106	5/30/2024	Lead	ND	µg/L	1
BHS1-DF107	5/30/2024	Lead	ND	µg/L	1
BHS1-DF108	5/30/2024	Lead	ND	µg/L	1
BHS1-DF109	5/30/2024	Lead	ND	µg/L	1
BHS1-S110	5/30/2024	Lead	ND	µg/L	1
BHS1-S111	5/30/2024	Lead	ND	µg/L	1
BHS1-S112	5/30/2024	Lead	**5.1**	µg/L	1
BHS1-0113	5/30/2024	Lead	ND	µg/L	1
BHS1-S114	5/30/2024	Lead	**4.1**	µg/L	1
BHS1-S115	5/30/2024	Lead	**1.9**	µg/L	1
BHS1-S116	5/30/2024	Lead	**1.4**	µg/L	1

µg/L: micrograms per liter
Bolded results indicate detection above reporting limits
Results in red indicate Action Level of 5 ppb for lead is exceeded

BLACKSTONE ENVIRONMENTAL

ATTACHMENT D

Belton High School
Laboratory Analytical Report

June 12, 2024

Kaley Muir
Blackstone Environmental, Inc.
16200 Foster Street
Overland Park, KS 66085
TEL: (913) 495-9990
FAX:

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

RE: 3659 - Belton School District DW-Belton HS **WorkOrder:** 24060016

Dear Kaley Muir:

TEKLAB, INC received 55 samples on 6/1/2024 2:15:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

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

Report Contents

Client: Blackstone Environmental, Inc. **Work Order:** 24060016

Client Project: 3659 - Belton School District DW-Belton HS **Report Date:** 12-Jun-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	9
Chain of Custody	Appended

Client: Blackstone Environmental, Inc. **Work Order:** 24060016

Client Project: 3659 - Belton School District DW-Belton HS **Report Date:** 12-Jun-24

Abbr	Definition
*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Blackstone Environmental, Inc. **Work Order:** 24060016

Client Project: 3659 - Belton School District DW-Belton HS **Report Date:** 12-Jun-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: Blackstone Environmental, Inc.
Work Order: 24060016
Client Project: 3659 - Belton School District DW-Belton HS
Report Date: 12-Jun-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: Blackstone Environmental, Inc. **Work Order:** 24060016

Client Project: 3659 - Belton School District DW-Belton HS **Report Date:** 12-Jun-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Blackstone Environmental, Inc. **Work Order:** 24060016

Client Project: 3659 - Belton School District DW-Belton HS **Report Date:** 12-Jun-24

Matrix: DRINKING WATER

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
24060016-001A	BHSO-DF1	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 12:59	05/30/2024 8:35
24060016-002A	BHSO-S2	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 13:04	05/30/2024 8:35
24060016-003A	BHS1-S3	NELAP		1.0	**1.6**	µg/L	1	06/08/2024 13:08	05/30/2024 8:41
24060016-004A	BHS1-S4	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 13:12	05/30/2024 8:48
24060016-005A	BHS1-05	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 13:16	05/30/2024 8:49
24060016-006A	BHS1-06	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 13:20	05/30/2024 8:50
24060016-007A	BHS1-S7	NELAP		1.0	**1.3**	µg/L	1	06/08/2024 14:18	05/30/2024 8:50
24060016-008A	BHS1-08	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 13:49	05/30/2024 8:52
24060016-009A	BHS1-S9	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 13:53	05/30/2024 8:50
24060016-010A	BHS1-S10	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 13:57	05/30/2024 8:50
24060016-011A	BHS1-S11	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 14:01	05/30/2024 8:50
24060016-012A	BHS1-S12	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 14:05	05/30/2024 8:50
24060016-013A	BHS1-013	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 14:09	05/30/2024 8:52
24060016-014A	BHS1-S14	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 14:13	05/30/2024 8:50
24060016-015A	BHS1-S15	NELAP		1.0	**3.4**	µg/L	5	06/11/2024 18:47	05/30/2024 8:50
24060016-016A	BHS1-016	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 14:55	05/30/2024 8:58
24060016-017A	BHS1-DF17	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 15:16	05/30/2024 8:58
24060016-018A	BHS1-018	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 14:59	05/30/2024 8:58
24060016-019A	BHS1-DF19	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 15:03	05/30/2024 8:58
24060016-020A	BHS1-020	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 15:07	05/30/2024 8:59
24060016-021A	BHS1-DF21	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 18:13	05/30/2024 8:59
24060016-022A	BHS1-022	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 18:17	05/30/2024 8:59
24060016-023A	BHS1-DF23	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 19:31	05/30/2024 8:59
24060016-024A	BHS1-024	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 18:22	05/30/2024 9:00
24060016-025A	BHS1-DF25	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 18:26	05/30/2024 9:00
24060016-026A	BHS1-026	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 18:30	05/30/2024 9:00
24060016-027A	BHS1-DF27	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 19:01	05/30/2024 9:00
24060016-028A	BHS1-028	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 7:28	05/30/2024 9:02
24060016-029A	BHS1-DF29	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 19:05	05/30/2024 9:02
24060016-030A	BHS1-030	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 7:02	05/30/2024 9:02
24060016-031A	BHS1-DF31	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 7:06	05/30/2024 9:02
24060016-032A	BHS1-032	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 0:47	05/30/2024 9:04
24060016-033A	BHS1-DF33	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 0:52	05/30/2024 9:04
24060016-034A	BHS1-034	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 0:56	05/30/2024 9:04
24060016-035A	BHS1-DF35	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 1:00	05/30/2024 9:04
24060016-036A	BHS1-036	NELAP		1.0	**< 1.0**	µg/L	1	06/08/2024 1:05	05/30/2024 9:04
24060016-037A	BHS1-DF37	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 19:18	05/30/2024 9:04
24060016-038A	BHS1-S38	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 19:22	05/30/2024 9:05
24060016-039A	BHS1-039	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 19:26	05/30/2024 9:06
24060016-040A	BHS1-040	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 7:11	05/30/2024 9:07
24060016-041A	BHS1-041	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 7:15	05/30/2024 9:07
24060016-042A	BHS1-042	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 7:19	05/30/2024 9:08
24060016-043A	BHS1-043	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 7:24	05/30/2024 9:09
24060016-044A	BHS1-S44	NELAP		1.0	**10.6**	µg/L	1	06/11/2024 8:50	05/30/2024 9:11
24060016-045A	BHS1-S45	NELAP		1.0	**1.3**	µg/L	1	06/11/2024 8:54	05/30/2024 9:11
24060016-046A	BHS1-S46	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 8:59	05/30/2024 9:11
24060016-047A	BHS1-S47	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 9:03	05/30/2024 9:11
24060016-048A	BHS1-S48	NELAP		1.0	**1.0**	µg/L	1	06/11/2024 9:07	05/30/2024 9:11

Client: Blackstone Environmental, Inc.
Work Order: 24060016
Client Project: 3659 - Belton School District DW-Belton HS
Report Date: 12-Jun-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									
24060016-049A	BHS1-S49	NELAP		1.0	**1.7**	µg/L	1	06/11/2024 9:12	05/30/2024 9:12
24060016-050A	BHS1-S50	NELAP		1.0	**3.9**	µg/L	1	06/11/2024 9:20	05/30/2024 9:12
24060016-051A	BHS1-051	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 9:16	05/30/2024 9:14
24060016-052A	BHS1-S52	NELAP		1.0	**1.1**	µg/L	1	06/10/2024 22:20	05/30/2024 9:16
24060016-053A	BHS1-053	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 9:53	05/30/2024 9:18
24060016-054A	BHS1-S54	NELAP		1.0	**3.2**	µg/L	5	06/11/2024 18:51	05/30/2024 9:20
24060016-055A	BHS1-055	NELAP		1.0	**1.1**	µg/L	5	06/11/2024 2:04	05/30/2024 9:21

Receiving Check List

http://www.teklabinc.com/

Client: Blackstone Environmental, Inc.
Work Order: 24060016
Client Project: 3659 - Belton School District DW-Belton HS
Report Date: 12-Jun-24

Carrier: Crossroads
Received By: LEH

Completed by: Amber Dilallo
On: 03-Jun-24

Reviewed by: Ellie Hopkins
On: 03-Jun-24

Pages to follow: Chain of custody 5 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 - 6/3/2024 2:45:52 PM

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CHAIN OF CUSTODY

Pg 1 of 1 Workorder # 24060016

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Belton High School

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24060016-001	BHSO - DF1	5/30/24 @ 835	Drinking Water	1									✓
002	BHSO - S2	5/30/24 @ 835	Drinking Water	1									✓
003	BHS1 - S3	5/30/24 @ 841	Drinking Water	1									✓
004	BHS1 - S4	5/30/24 @ 848	Drinking Water	1									✓
005	BHS1 - 05	5/30/24 @ 849	Drinking Water	1									✓
006	BHS1 - 06	5/30/24 @ 850	Drinking Water	1									✓
007	BHS1 - S7	5/30/24 @ 850	Drinking Water	1									✓
008	BHS1 - 08	5/30/24 @ 852	Drinking Water	1									✓
009	BHS1 - S9	5/30/24 @ 850	Drinking Water	1									✓
010	BHS1 - S10	5/30/24 @ 850	Drinking Water	1									✓
011	BHS1 - S11	5/30/24 @ 850	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @ 1500		5/31/24 1047
	5/31/24 1600		
J Cob	6-1 1415	XX	6/1/24 1415

*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 1 of 11 Workorder # 2406 0016

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Belton High School

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
2406 0016 012	BHS1 - S12	5/30/24 @ 850	Drinking Water	1									✓
013	BHS1 - 013	5/30/24 @ 857	Drinking Water	1									✓
014	BHS1 - S14	5/30/24 @ 850	Drinking Water	1									✓
015	BHS1 - S15	5/30/24 @ 856	Drinking Water	1									✓
016	BHS1 - 016	5/30/24 @ 858	Drinking Water	1									✓
017	BHS1 - DF17	5/30/24 @ 858	Drinking Water	1									✓
018	BHS1 - 018	5/30/24 @ 858	Drinking Water	1									✓
019	BHS1 - DF19	5/30/24 @ 858	Drinking Water	1									✓
020	BHS1 - 020	5/30/24 @ 859	Drinking Water	1									✓
021	BHS1 - DF21	5/30/24 @ 559	Drinking Water	1									✓
022	BHS1 - 022	5/30/24 @ 859	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @ 1500		
	5/31/24 1600		5/31/24 1047
	6-1 1415		6/1/24 1415

*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 3 of 12 Workorder # 24060016

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Belton High School

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24060016-023	BHS1 - DF23	5/30/24 @ 859	Drinking Water	1									✓
024	BHS1 - 024	5/30/24 @ 900	Drinking Water	1									✓
025	BHS1 - DF25	5/30/24 @ 900	Drinking Water	1									✓
026	BHS1 - 026	5/30/24 @ 900	Drinking Water	1									✓
027	BHS1 - DF27	5/30/24 @ 902	Drinking Water	1									✓
028	BHS1 - 028	5/30/24 @ 902	Drinking Water	1									✓
029	BHS1 - DF29	5/30/24 @ 902	Drinking Water	1									✓
030	BHS1 - 030	5/30/24 @ 902	Drinking Water	1									✓
031	BHS1 - DF31	5/30/24 @ 903	Drinking Water	1									✓
032	BHS1 - 032	5/30/24 @ 904	Drinking Water	1									✓
033	BHS1 - DF33	5/30/24 @ 904	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @1500	L. Smith	5/31/24 1047
L. Smith	5/31/24 1600		
J. Cub	6/1/24 1415	Lan Ho	6/1/24 1415

*The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions

Print PDF

CHAIN OF CUSTODY

Pg 1 of 2 Workorder # 24060016

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Belton High School

PROJECT NAME/NUMBER
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24060016 034	BHS1 - 034	5/30/24 @ 904	Drinking Water	1									✓
035	BHS1 - DF35	5/30/24 @ 904	Drinking Water	1									✓
036	BHS1 - 036	5/30/24 @ 904	Drinking Water	1									✓
037	BHS1 - DF37	5/30/24 @ 904	Drinking Water	1									✓
038	BHS1 - 538	5/30/24 @ 905	Drinking Water	1									✓
039	BHS1 - 039	5/30/24 @ 906	Drinking Water	1									✓
040	BHS1 - 040	5/30/24 @ 907	Drinking Water	1									✓
041	BHS1 - 041	5/30/24 @ 907	Drinking Water	1									✓
042	BHS1 - 042	5/30/24 @ 908	Drinking Water	1									✓
043	BHS1 - 043	5/30/24 @ 909	Drinking Water	1									✓
044	BHS1 - 544	5/30/24 @ 911	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @ 1500		
	5/31/24 1610		5/31/24 1047
J.GP	6-1 1415		6/1/24 1415

*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 5 of 11 Workorder # 24060014

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Belton High School

PROJECT NAME/NUMBER: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24060014 045	BHS1 - 545	5/30/24 @ 911	Drinking Water	1									✓
046	BHS1 - 546	5/30/24 @ 911	Drinking Water	1									✓
047	BHS1 - 547	5/30/24 @ 911	Drinking Water	1									✓
048	BHS1 - 548	5/30/24 @ 911	Drinking Water	1									✓
049	BHS1 - 549	5/30/24 @ 912	Drinking Water	1									✓
050	BHS1 - 550	5/30/24 @ 912	Drinking Water	1									✓
051	BHS1 - 051	5/30/24 @ 914	Drinking Water	1									✓
052	BHS1 - 552	5/30/24 @ 916	Drinking Water	1									✓
053	BHS1 - 053	5/30/24 @ 918	Drinking Water	1									✓
054	BHS1 - 554	5/30/24 @ 920	Drinking Water	1									✓
055	BHS1 - 055	5/30/24 @ 921	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
	5/30/24 @ 1505		5/31/24 1047
	5/31/24 1600		
	6/1 1415		6/1/24 1415

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June 12, 2024

Kaley Muir
Blackstone Environmental, Inc.
16200 Foster Street
Overland Park, KS 66085
TEL: (913) 495-9990
FAX:

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

RE: 3659 - Belton School District DW-Belton HS **WorkOrder:** 24060017

Dear Kaley Muir:

TEKLAB, INC received 61 samples on 6/1/2024 2:15:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Patrick Riley

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

Report Contents

Client: Blackstone Environmental, Inc.
Work Order: 24060017
Client Project: 3659 - Belton School District DW-Belton HS
Report Date: 12-Jun-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
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Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	9
Chain of Custody	Appended

Client: Blackstone Environmental, Inc. **Work Order:** 24060017

Client Project: 3659 - Belton School District DW-Belton HS **Report Date:** 12-Jun-24

Abbr Definition

*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Blackstone Environmental, Inc. **Work Order:** 24060017

Client Project: 3659 - Belton School District DW-Belton HS **Report Date:** 12-Jun-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: Blackstone Environmental, Inc.
Work Order: 24060017
Client Project: 3659 - Belton School District DW-Belton HS
Report Date: 12-Jun-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: Blackstone Environmental, Inc. **Work Order:** 24060017

Client Project: 3659 - Belton School District DW-Belton HS **Report Date:** 12-Jun-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Blackstone Environmental, Inc. **Work Order:** 24060017

Client Project: 3659 - Belton School District DW-Belton HS **Report Date:** 12-Jun-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									
24060017-001A	BHS1-056	NELAP		1.0	**< 1.0**	µg/L	1	06/12/2024 10:17	05/30/2024 9:21
24060017-002A	BHS1-057	NELAP		1.0	**1.3**	µg/L	1	06/12/2024 10:21	05/30/2024 9:21
24060017-003A	BHS1-S58	NELAP		1.0	**< 1.0**	µg/L	1	06/12/2024 10:25	05/30/2024 9:22
24060017-004A	BHS1-S59	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 23:21	05/30/2024 9:22
24060017-005A	BHS1-S60	NELAP		1.0	**2.1**	µg/L	1	06/12/2024 10:30	05/30/2024 9:23
24060017-006A	BHS1-S61	NELAP		1.0	**< 1.0**	µg/L	1	06/12/2024 10:34	05/30/2024 9:23
24060017-007A	BHS1-S62	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 22:02	05/30/2024 9:23
24060017-008A	BHS1-063	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 22:07	05/30/2024 9:25
24060017-009A	BHS1-S64	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 22:11	05/30/2024 9:25
24060017-010A	BHS1-065	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 22:15	05/30/2024 9:27
24060017-011A	BHS1-DF66	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 22:46	05/30/2024 9:27
24060017-012A	BHS1-S67	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 22:50	05/30/2024 9:30
24060017-013A	BHS1-068	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 22:55	05/30/2024 9:30
24060017-014A	BHS1-DF69	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 22:59	05/30/2024 9:30
24060017-015A	BHS1-070	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 23:03	05/30/2024 9:31
24060017-016A	BHS1-DF71	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 10:23	05/30/2024 9:31
24060017-017A	BHS1-072	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 23:08	05/30/2024 9:31
24060017-018A	BHS1-DF73	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 10:49	05/30/2024 9:31
24060017-019A	BHS1-S74	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 10:02	05/30/2024 9:34
24060017-020A	BHS1-075	NELAP		1.0	**< 1.0**	µg/L	5	06/11/2024 18:54	05/30/2024 9:35
24060017-021A	BHS1-S76	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 23:47	05/30/2024 9:36
24060017-022A	BHS1-S77	NELAP		1.0	**1.1**	µg/L	1	06/10/2024 23:51	05/30/2024 9:36
24060017-023A	BHS1-S78	NELAP		1.0	**2.1**	µg/L	1	06/10/2024 23:55	05/30/2024 9:36
24060017-024A	BHS1-S79	NELAP		1.0	**2.6**	µg/L	1	06/11/2024 0:00	05/30/2024 9:36
24060017-025A	BHS1-080	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 0:04	05/30/2024 9:37
24060017-026A	BHS1-081	NELAP		1.0	**10.8**	µg/L	5	06/11/2024 18:57	05/30/2024 9:37
24060017-027A	BHS1-S82	NELAP		1.0	**2.9**	µg/L	1	06/11/2024 1:13	05/30/2024 9:37
24060017-028A	BHS1-S83	NELAP		1.0	**1.1**	µg/L	1	06/11/2024 0:08	05/30/2024 9:38
24060017-029A	BHS1-S84	NELAP		1.0	**1.5**	µg/L	1	06/11/2024 0:39	05/30/2024 9:38
24060017-030A	BHS1-S85	NELAP		1.0	**< 1.0**	µg/L	1	06/12/2024 7:02	05/30/2024 9:38
24060017-031A	BHS1-S86	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 0:47	05/30/2024 9:40
24060017-032A	BHS1-DF87	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 0:52	05/30/2024 9:42
24060017-033A	BHS1-S88	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 10:10	05/30/2024 9:42
24060017-034A	BHS1-S89	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 10:15	05/30/2024 9:44
24060017-035A	BHS1-090	NELAP		1.0	**< 1.0**	µg/L	1	06/12/2024 7:07	05/30/2024 9:45
24060017-036A	BHS1-091	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 1:09	05/30/2024 9:46
24060017-037A	BHS1-092	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 10:54	05/30/2024 9:46
24060017-038A	BHS1-093	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 1:39	05/30/2024 9:47
24060017-039A	BHS1-S94	NELAP		1.0	**1.5**	µg/L	1	06/11/2024 1:44	05/30/2024 9:47
24060017-040A	BHS1-095	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 1:48	05/30/2024 9:52
24060017-041A	BHS1-DF96	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 1:15	05/30/2024 9:52
24060017-042A	BHS1-097	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 1:19	05/30/2024 9:53
24060017-043A	BHS1-DF98	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 1:23	05/30/2024 9:53
24060017-044A	BHS1-DF99	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 1:27	05/30/2024 9:55
24060017-045A	BHS1-DF100	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 1:44	05/30/2024 9:56
24060017-046A	BHS1-0101	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 1:31	05/30/2024 9:57
24060017-047A	BHS1-DF102	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 1:36	05/30/2024 9:57
24060017-048A	BHS1-0103	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 1:40	05/30/2024 9:58

Client: Blackstone Environmental, Inc. **Work Order:** 24060017

Client Project: 3659 - Belton School District DW-Belton HS **Report Date:** 12-Jun-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									
24060017-049A	BHS1-DF104	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 2:09	05/30/2024 9:58
24060017-050A	BHS1-DF105	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 2:37	05/30/2024 9:59
24060017-051A	BHS1-0106	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 2:13	05/30/2024 9:59
24060017-052A	BHS1-DF107	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 2:17	05/30/2024 9:59
24060017-053A	BHS1-DF108	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 2:21	05/30/2024 10:01
24060017-054A	BHS1-DF109	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 2:25	05/30/2024 10:01
24060017-055A	BHS1-S110	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 2:29	05/30/2024 10:03
24060017-056A	BHS1-S111	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 2:33	05/30/2024 10:03
24060017-057A	BHS1-S112	NELAP		1.0	**5.1**	µg/L	1	06/11/2024 3:02	05/30/2024 10:05
24060017-058A	BHS1-0113	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 3:07	05/30/2024 10:05
24060017-059A	BHS1-S114	NELAP		1.0	**4.1**	µg/L	5	06/11/2024 1:47	05/30/2024 10:06
24060017-060A	BHS1-S115	NELAP		1.0	**1.9**	µg/L	1	06/11/2024 3:11	05/30/2024 10:06
24060017-061A	BHS1-S116	NELAP		1.0	**1.4**	µg/L	1	06/06/2024 18:04	05/30/2024 10:07

Receiving Check List

http://www.teklabinc.com/

Client: Blackstone Environmental, Inc.
Work Order: 24060017
Client Project: 3659 - Belton School District DW-Belton HS
Report Date: 12-Jun-24

Carrier: Crossroads
Received By: LEH

Completed by: Amber Dilallo
On: 03-Jun-24

Reviewed by: Ellie Hopkins
On: 03-Jun-24

Pages to follow: Chain of custody 6 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 - 6/3/2024 2:35:59 PM

Print PDF

CHAIN OF CUSTODY

Pg 1 of 11 Workorder # 24060017

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Belton High School

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24060017-001	BHS1 - 056	5/30/24 @ 921	Drinking Water	1									✓
002	BHS1 - 057	5/30/24 @ 921	Drinking Water	1									✓
003	BHS1 - 558	5/30/24 @ 927	Drinking Water	1									✓
004	BHS1 - 559	5/30/24 @ 922	Drinking Water	1									✓
005	BHS1 - 560	5/30/24 @ 923	Drinking Water	1									✓
006	BHS1 - 561	5/30/24 @ 923	Drinking Water	1									✓
007	BHS1 - 562	5/30/24 @ 923	Drinking Water	1									✓
008	BHS1 - 063	5/30/24 @ 925	Drinking Water	1									✓
009	BHS1 - 564	5/30/24 @ 925	Drinking Water	1									✓
010	BHS1 - 065	5/30/24 @ 927	Drinking Water	1									✓
011	BHS1 - DUP	5/30/24 @ 927	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @1500		
	5/31/24		5/31/24 1097
C.Cp	6.1 1415		6/1/24 1415

*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 1 of 11 Workorder # 2406017

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Belton High School

PROJECT NAME/NUMBER
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
2406017-012	BHS1 - 567	5/30/24 @ 930	Drinking Water	1									✓
013	BHS1 - 068	5/30/24 @ 930	Drinking Water	1									✓
014	BHS1 - DF69	5/30/24 @ 930	Drinking Water	1									✓
015	BHS1 - 070	5/30/24 @ 931	Drinking Water	1									✓
016	BHS1 - DF71	5/30/24 @ 931	Drinking Water	1									✓
017	BHS1 - 072	5/30/24 @ 931	Drinking Water	1									✓
018	BHS1 - DF73	5/30/24 @ 931	Drinking Water	1									✓
019	BHS1 - 574	5/30/24 @ 934	Drinking Water	1									✓
020	BHS1 - 075	5/30/24 @ 935	Drinking Water	1									✓
021	BHS1 - 576	5/30/24 @ 936	Drinking Water	1									✓
022	BHS1 - 577	5/30/24 @ 936	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
	5/30/24 @ 15:00		5/31/24 1647
	5/31/24 1600		
J. Gp	6-1 1415		6/1/24 1415

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CHAIN OF CUSTODY

Pg 8 of 11 Workorder # 2406017

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Belton High School

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
2406017-023	BHS1 - S78	5/30/24 @ 936	Drinking Water	1									✓
024	BHS1 - S79	5/30/24 @ 936	Drinking Water	1									✓
025	BHS1 - 080	5/30/24 @ 937	Drinking Water	1									✓
026	BHS1 - 081	5/30/24 @ 937	Drinking Water	1									✓
027	BHS1 - S82	5/30/24 @ 937	Drinking Water	1									✓
028	BHS1 - S83	5/30/24 @ 938	Drinking Water	1									✓
029	BHS1 - S84	5/30/24 @ 938	Drinking Water	1									✓
030	BHS1 - S85	5/30/24 @ 938	Drinking Water	1									✓
031	BHS1 - S86	5/30/24 @ 940	Drinking Water	1									✓
032	BHS1 - DF87	5/30/24 @ 942	Drinking Water	1									✓
033	BHS1 - S88	5/30/24 @ 942	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
	5/30/24 @ 1500		5/31/24 1047
	5/31/24 1600		
	5/31/24 1745		6/1/24 1415

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CHAIN OF CUSTODY

Pg 1 of 2 Workorder # 24060017

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Belton High School

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24060017 034	BHS1 - S89	5/30/24 @ 944	Drinking Water	1									✓
035	BHS1 - 090	5/30/24 @ 945	Drinking Water	1									✓
036	BHS1 - 091	5/30/24 @ 946	Drinking Water	1									✓
037	BHS1 - 092	5/30/24 @ 946	Drinking Water	1									✓
038	BHS1 - 093	5/30/24 @ 947	Drinking Water	1									✓
039	BHS1 - S94	5/30/24 @ 947	Drinking Water	1									✓
040	BHS1 - 095	5/30/24 @ 952	Drinking Water	1									✓
041	BHS1 - DF96	5/30/24 @ 952	Drinking Water	1									✓
042	BHS1 - 097	5/30/24 @ 953	Drinking Water	1									✓
043	BHS1 - DF98	5/30/24 @ 953	Drinking Water	1									✓
044	BHS1 - DF99	5/30/24 @ 955	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
	5/30/24 @ 1500		5/31/24 1047
	5/31/24 1400		
To CW	6-1 1415		6/1/24 1415

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CHAIN OF CUSTODY

Pg 1 of 1 Workorder # 24060017

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Belton High School

PROJECT NAME/NUMBER
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24060017-045	BHS1 - DF100	5/30/24 @ 956	Drinking Water	1									✓
046	BHS1 - 0101	5/30/24 @ 957	Drinking Water	1									✓
047	BHS1 - DF102	5/30/24 @ 957	Drinking Water	1									✓
048	BHS1 - 0103	5/30/24 @ 958	Drinking Water	1									✓
049	BHS1 - DF104	5/30/24 @ 958	Drinking Water	1									✓
050	BHS1 - DF105	5/30/24 @ 959	Drinking Water	1									✓
051	BHS1 - 0106	5/30/24 @ 959	Drinking Water	1									✓
052	BHS1 - DF107	5/30/24 @ 959	Drinking Water	1									✓
053	BHS1 - DF108	5/30/24 @ 1001	Drinking Water	1									✓
054	BHS1 - DF109	5/30/24 @ 1001	Drinking Water	1									✓
055	BHS1 - S110	5/30/24 @ 1003	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
	5/30/24 @ 1500		5/31/24 1047
	5/31/24 1600		
	6-1 1415		6/1/24 1415

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CHAIN OF CUSTODY

Pg 1 of 11 Workorder # 24060017

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Belton High School

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24060017 056	BHS1 - S111	5/30/24 @ 1003	Drinking Water	1									✓
057	BHS1 - S112	5/30/24 @ 1005	Drinking Water	1									✓
058	BHS1 - 0113	5/30/24 @ 1005	Drinking Water	1									✓
059	BHS1 - S114	5/30/24 @ 1006	Drinking Water	1									✓
060	BHS1 - S115	5/30/24 @ 1006	Drinking Water	1									✓
061	BHS1 - S116	5/30/24 @ 1007	Drinking Water	1									✓
	~~BHS1 -~~	~~5/30/24 @~~	~~Drinking Water~~	1									✓
	BHS1 -	5/30/24 @	~~Drinking Water~~	1									✓
	~~BHS1 -~~	~~5/30/24 @~~	~~Drinking Water~~	1									✓
	BHS1 -	5/30/24 @	~~Drinking Water~~	1									✓
	~~BHS1~~	~~5/30/24 @~~	~~Drinking Water~~	1									✓

Relinquished By	Date/Time	Received By	Date/Time
	5/30/24 1500		5/31/24 1077
	5/31/24 1600		
	5/31 MK		6/1/24 1415

*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

June 28, 2024

Mr. Steven Troutwine
Belton School District #124
Director of Facilities

RE: Belton School District #124 – Drinking Water Testing Services
Belton Middle School
107 West Pirate Parkway

Dear Mr. Troutwine:

Blackstone Environmental Inc., (Blackstone) has been contracted by the Belton School District #24 to provide lead in drinking water sampling for the high-priority potable water sources throughout the school district. The objective of the sampling was to determine the lead concentrations in these potable water sources throughout the school district and to identify sources exceeding the Missouri SB681 Action Level of 5 µg/L (parts per billion (ppb)).

Background

Testing and reporting has been conducted in accordance with Missouri State Statute 160-077, Get the Lead Out of School Drinking Water Act, and included sampling of potable water fixtures used for drinking or food preparation including water fountains, faucets, taps, ice making machines, hot drink machines, and outlets used for dispensing water for cooking or for cleaning cooking and eating utensils.

Field Sampling

Field sampling procedures included preparing an inventory of drinking water outlets and outlets that are used for dispensing water for cooking or for cleaning cooking and eating utensils. Each of these locations are marked on the facility maps included in Attachment A.

Each water source was flushed for a minimum of five minutes. Signage was then attached to the source to prevent it from being used prior to sample collection. Between 8 and 18 hours after the source was flushed, Blackstone personnel returned to collect a water sample into laboratory supplied 250-mL sample containers for analysis of total lead concentration by EPA Method 200.8. New nitrile gloves were worn for each sample collection. Labels were prepared and affixed to each sampling container stating the sample location, technicians name, and date and time of sample collection. Field forms were prepared for each school to document pertinent information including sample identification, type of source, time flushed, and time sampled. Field information forms are included in Attachment B.

Once sampling was complete, the samples were transferred under proper chain-of-custody procedures to TekLab, Inc. of Collinsville, Illinois for analysis.

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Analytical Summary

A total of 59 water samples were collected from Belton Middle School located at 107 West Pirate Parkway. A summary table is included in Attachment C. Of the 59 samples collected, 7 exceeded the Missouri SB681 Action Level for lead of 5 ppb as shown in the table below. Sample locations that exceeded the Action Level for lead are also identified on the facility maps in Attachment A.

Summary of Lead Results Exceeding Action Levels

Sample ID	Location Description	Lead Concentration
BMS1-DF8	North Fountain by East Gym	10.0
BMS1-S14	Green Room Sink	95.9
BMS1-S26	Kitchen – Hand Wash Sink in Dish Room	13.8
BMS1-S28	Kitchen – Hand Wash Sink	7.9
BMS1-S54	Room 212 – Hand Wash Sink near Refrigerator	5.0
BMS1-S55	Room 212 – Middle Hand Wash Sink	10.7
BMS1-S57	Room 212 – Hand Wash Sink at Front	31.7

*Concentrations in µg/L

A copy of the laboratory analytical report is included as Attachment D.

Recommendations

Recommendations for those water sources that exceed the action levels include removal of the location from services, or filtering, depending on the individual results.

Limitations

This report was prepared in accordance with that level of skill and care ordinarily exercised by other members of Blackstone's profession practicing in the same locality and under similar conditions when the services were provided. No warranties, express or implied, are intended or made.

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Closing

If you have any questions, or need further assistance, please contact Lindsay James at 913-522-0370.

Respectfully,
BLACKSTONE ENVIRONMENTAL, INC.

Kaley S. Muir
Environmental Chemist

John Paul Knightly, CHMM
Senior Project Manager

Enclosures Attachment A – Facility Maps
Attachment B – Field Forms
Attachment C – Summary Table
Attachment D – Laboratory Analytical Report

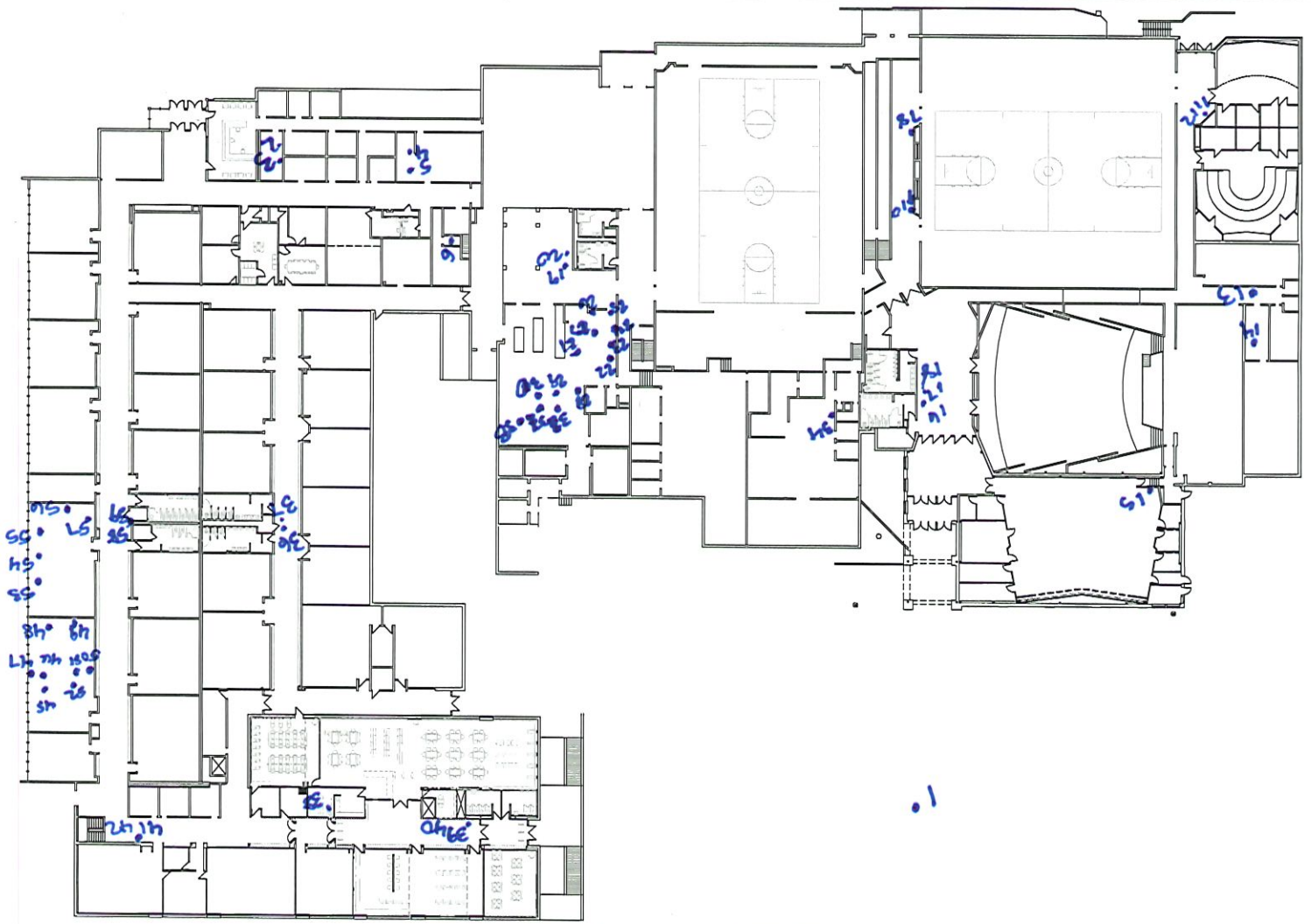
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BLACKSTONE ENVIRONMENTAL

ATTACHMENT A

Belton Middle School
Facility Maps

BMS
Pg 1

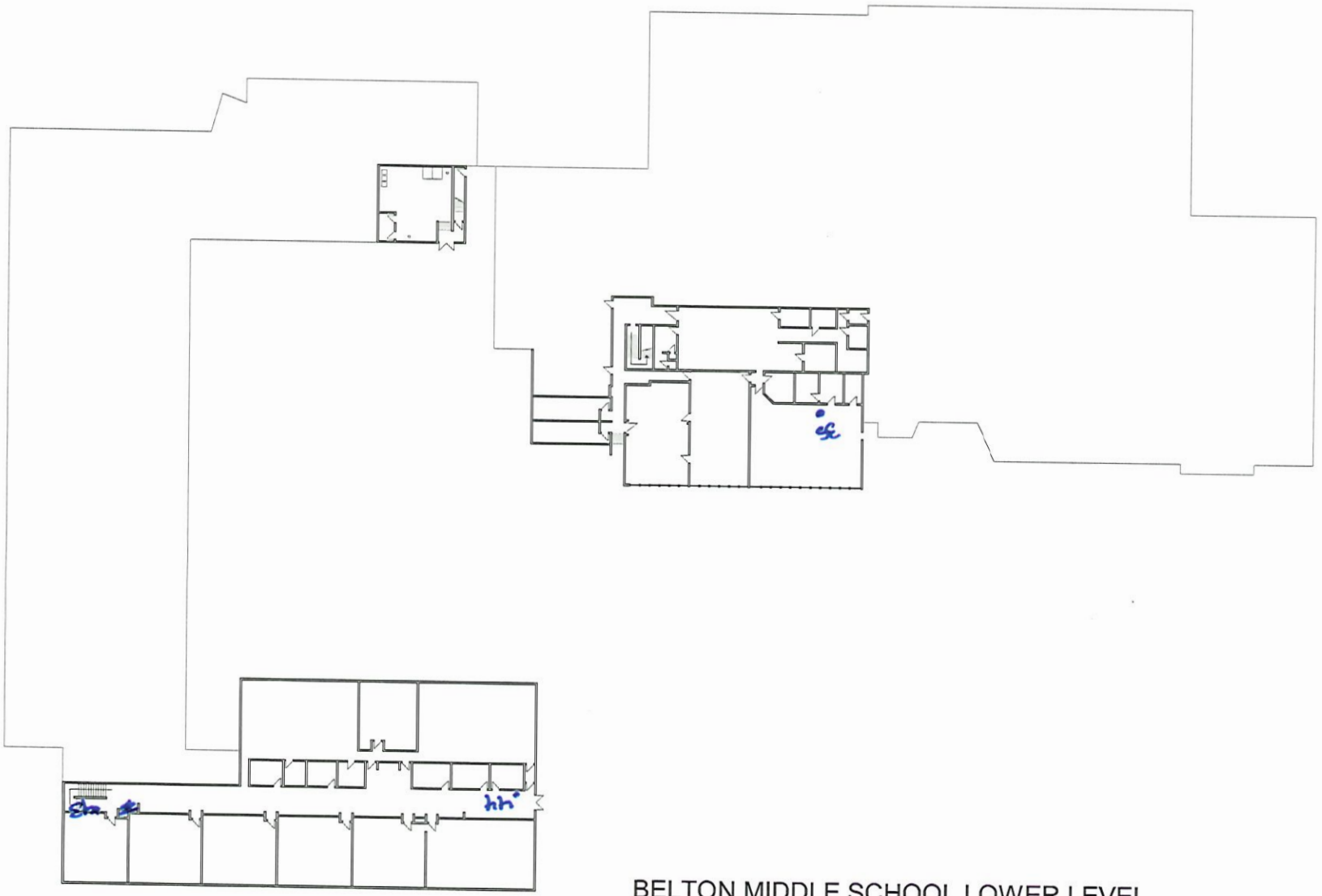


BELTON MIDDLE SCHOOL

BELTON, MISSOURI

NORTH Scale: 1" = 40'-0"

Bms
pg 2



BELTON MIDDLE SCHOOL LOWER LEVEL

BELTON, MISSOURI

NORTH Scale: 1" = 40'-0"

ATTACHMENT B

Belton Middle School
Field Forms

Missouri School Districts DW

Date Purged 5/29
Date Sampled 5/30

School Belton Middle

Team CIR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
1	0	X			concessions sink	15:45	10:21
2	1	X			office staff lounge sink	15:50	10:28
3	1			X	office staff lounge fridge ice machine	15:50	10:29
4	1			X	teachers lounge fridge ice machine	15:50	10:31
5	1	X			teachers lounge sink	15:50	10:31
6	1	X			nurse sink	15:56	10:32
7	1			X	north filler by gym (east gym)	16:01	10:35
8	1		X		north filler by gym (east gym)	16:01	10:35
9	1			X	south filler by gym (east gym)	16:01	10:36
10	1		X		south fountain by gym (east gym)	16:01	10:36
11	1			X	(r) filler by music room	16:06	10:39
12	1		X		(r) fountain by music room	16:06	10:39
13	1	~~X~~	X		hall fountain by green rooms	16:11	10:40
14	1	X			green room sink	16:11	10:40
15	1	X			band room sink	16:16	10:41
16	1			X	(l) filler across from auditorium	16:21	10:42
17	1		X		(l) fountain across from auditorium	16:21	10:42
18	1		X		(r) fountain across from auditorium	16:21	10:42
19	1			X	filler in cafeteria	16:26	10:50
20	1		X		fountain in cafeteria	16:26	10:50
21	1	X			prep sink	16:31	10:51
22	1	X			sink w/sprayer	16:31	10:52
23	1	X			(r) dish sink	16:31	10:52
24	1	X			(l) dish sink	16:31	10:52

Missouri School Districts DW

Date Purged 5/29
Date Sampled 5/30

School Belton Middle

Team AR-KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
25	1	~~X~~		X	spray hose @ window	16:31	10:53
26	1	X			hand wash in dish room	16:31	10:53
27	1			X	dishwasher	16:31	10:53
28	1	X			hand wash sink	16:32	10:54
29	1	X			prep sink w/sprayer	16:32	10:54
30	1	X			prep sink	16:32	10:54
31	1			X	ice machine	16:32	10:55
32	1			X	hot water dispenser	16:32	10:55
33	1	X			prep sink by ovens	16:32	10:55
34	1		X		girls locker fountain	16:37	10:48
35	B		X		weight room fountain	16:43	10:46
36	1			X	filler across from 507	16:48	10:57
37	1		X		fountain across from 507	16:48	10:57
38	1	X			library office sink	16:56	10:58
39	1			X	library filler	16:56	10:58
40	1		X		library fountain	16:56	10:58
41	1			X	filler by 301	17:02	10:59
42	1		X		fountain by 301	17:02	10:59
43	B		X		fountain by 401	17:02	11:03
44	B		X		fountain by 402	17:07	11:03
45	1	X			214 ~~food~~ sink green	17:13	11:05
46	1			X	214 ~~left~~ dishwasher yellow	17:13	11:05
47	1	X			214 yellow dishwasher	17:13	11:05
48	1	X			214 red sink	17:13	11:05

Missouri School Districts DW

Date Purged 5/29
Date Sampled 5/30

School Belton Middle

Team AR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
49	1	X			214 blue sink	17:13	11:07
50	1	X			214 orange sink	17:13	11:07
51	1			X	214 orange dishwasher	17:13	11:07
52	1	X			214 purple sink	17:13	11:07
53	1	X			212 big sink near fridge	17:14	11:09
54	1	X			212 hand wash near fridge	17:14	11:09
55	1	X			212 middle hand wash	17:14	11:09
56	1	X			212 hand wash near passthru	17:14	11:09
57	1	X			212 handwash @ front	17:14	11:09
58	1			X	filler by 210	17:19	11:11
59	1		X		fountain by 210	17:19	11:11

ATTACHMENT C

Belton Middle School
Summary Table

Summary Table
Belton Middle School

Sample ID	Date	Analyte	Result	Unit	Reporting Limit
BMSO-S1	5/30/2024	Lead	**2.2**	µg/L	1
BMS1-S2	5/30/2024	Lead	**1.1**	µg/L	1
BMS1-03	5/30/2024	Lead	ND	µg/L	1
BMS1-04	5/30/2024	Lead	ND	µg/L	1
BMS1-S5	5/30/2024	Lead	ND	µg/L	1
BMS1-S6	5/30/2024	Lead	ND	µg/L	1
BMS1-07	5/30/2024	Lead	**1.4**	µg/L	1
BMS1-DF8	5/30/2024	Lead	**10.0**	µg/L	1
BMS1-09	5/30/2024	Lead	ND	µg/L	1
BMS1-DF10	5/30/2024	Lead	ND	µg/L	1
BMS1-011	5/30/2024	Lead	ND	µg/L	1
BMS1-DF12	5/30/2024	Lead	ND	µg/L	1
BMS1-DF13	5/30/2024	Lead	ND	µg/L	1
BMS1-S14	5/30/2024	Lead	**95.9**	µg/L	1
BMS1-S15	5/30/2024	Lead	ND	µg/L	1
BMS1-016	5/30/2024	Lead	ND	µg/L	1
BMS1-DF17	5/30/2024	Lead	ND	µg/L	1
BMS1-DF18	5/30/2024	Lead	ND	µg/L	1
BMS1-019	5/30/2024	Lead	ND	µg/L	1
BMS1-DF20	5/30/2024	Lead	ND	µg/L	1
BMS1-S21	5/30/2024	Lead	**1.3**	µg/L	1
BMS1-S22	5/30/2024	Lead	ND	µg/L	1
BMS1-S23	5/30/2024	Lead	ND	µg/L	1
BMS1-S24	5/30/2024	Lead	ND	µg/L	1
BMS1-025	5/30/2024	Lead	**3.7**	µg/L	1
BMS1-S26	5/30/2024	Lead	**13.8**	µg/L	1
BMS1-027	5/30/2024	Lead	ND	µg/L	1
BMS1-S28	5/30/2024	Lead	**7.9**	µg/L	1
BMS1-S29	5/30/2024	Lead	ND	µg/L	1
BMS1-S30	5/30/2024	Lead	**2.3**	µg/L	1
BMS1-031	5/30/2024	Lead	ND	µg/L	1
BMS1-032	5/30/2024	Lead	ND	µg/L	1
BMS1-S33	5/30/2024	Lead	ND	µg/L	1
BMS1-DF34	5/30/2024	Lead	ND	µg/L	1
BMSB-DF35	5/30/2024	Lead	ND	µg/L	1
BMS1-036	5/30/2024	Lead	ND	µg/L	1
BMS1-DF37	5/30/2024	Lead	ND	µg/L	1
BMS1-S38	5/30/2024	Lead	ND	µg/L	1
BMS1-039	5/30/2024	Lead	ND	µg/L	1
BMS1-DF40	5/30/2024	Lead	ND	µg/L	1
BMS1-041	5/30/2024	Lead	ND	µg/L	1
BMS1-DF42	5/30/2024	Lead	ND	µg/L	1
BMSB-DF43	5/30/2024	Lead	ND	µg/L	1

BMSB-DF44	5/30/2024	Lead	ND	µg/L	1
BMS1-S45	5/30/2024	Lead	ND	µg/L	1
BMS1-046	5/30/2024	Lead	ND	µg/L	1
BMS1-S47	5/30/2024	Lead	ND	µg/L	1
BMS1-S48	5/30/2024	Lead	ND	µg/L	1
BMS1-S49	5/30/2024	Lead	ND	µg/L	1
BMS1-S50	5/30/2024	Lead	ND	µg/L	1
BMS1-051	5/30/2024	Lead	ND	µg/L	1
BMS1-S52	5/30/2024	Lead	ND	µg/L	1
BMS1-S53	5/30/2024	Lead	ND	µg/L	1
BMS1-S54	5/30/2024	Lead	**5.0**	µg/L	1
BMS1-S55	5/30/2024	Lead	**10.7**	µg/L	1
BMS1-S56	5/30/2024	Lead	**2.2**	µg/L	1
BMS1-S57	5/30/2024	Lead	**31.7**	µg/L	1
BMS1-058	5/30/2024	Lead	ND	µg/L	1
BMS1-DF59	5/30/2024	Lead	ND	µg/L	1

µg/L: micrograms per liter
Bolded results indicate detection above reporting limits
Results in red indicate Action Level of 5 ppb for lead is exceeded

BLACKSTONE ENVIRONMENTAL

ATTACHMENT D

Belton Middle School
Laboratory Analytical Report

June 12, 2024

Kaley Muir
Blackstone Environmental, Inc.
16200 Foster Street
Overland Park, KS 66085
TEL: (913) 495-9990
FAX:

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

RE: 3659 - Belton School District DW-Belton MS **WorkOrder:** 24060026

Dear Kaley Muir:

TEKLAB, INC received 59 samples on 6/1/2024 2:15:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

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

Report Contents

Client: Blackstone Environmental, Inc. **Work Order:** 24060026

Client Project: 3659 - Belton School District DW-Belton MS **Report Date:** 12-Jun-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	9
Chain of Custody	Appended

Client: Blackstone Environmental, Inc. **Work Order:** 24060026

Client Project: 3659 - Belton School District DW-Belton MS **Report Date:** 12-Jun-24

Abbr Definition

*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Blackstone Environmental, Inc. **Work Order:** 24060026

Client Project: 3659 - Belton School District DW-Belton MS **Report Date:** 12-Jun-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: Blackstone Environmental, Inc.
Work Order: 24060026
Client Project: 3659 - Belton School District DW-Belton MS
Report Date: 12-Jun-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: Blackstone Environmental, Inc. **Work Order:** 24060026

Client Project: 3659 - Belton School District DW-Belton MS **Report Date:** 12-Jun-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Blackstone Environmental, Inc. **Work Order:** 24060026

Client Project: 3659 - Belton School District DW-Belton MS **Report Date:** 12-Jun-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									
24060026-001A	BMSO-S1	NELAP		1.0	**2.2**	µg/L	5	06/11/2024 1:50	05/30/2024 10:21
24060026-002A	BMS1-S2	NELAP		1.0	**1.1**	µg/L	1	06/06/2024 18:41	05/30/2024 10:28
24060026-003A	BMS1-03	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 18:44	05/30/2024 10:29
24060026-004A	BMS1-04	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 19:08	05/30/2024 10:31
24060026-005A	BMS1-S5	NELAP		1.0	**< 1.0**	µg/L	5	06/11/2024 1:54	05/30/2024 10:31
24060026-006A	BMS1-S6	NELAP		1.0	**< 1.0**	µg/L	5	06/11/2024 1:57	05/30/2024 10:32
24060026-007A	BMS1-07	NELAP		1.0	**1.4**	µg/L	1	06/06/2024 19:12	05/30/2024 10:35
24060026-008A	BMS1-DF8	NELAP		1.0	**10.0**	µg/L	1	06/06/2024 19:15	05/30/2024 10:35
24060026-009A	BMS1-09	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 19:18	05/30/2024 10:36
24060026-010A	BMS1-DF10	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 19:22	05/30/2024 10:36
24060026-011A	BMS1-011	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 20:16	05/30/2024 10:39
24060026-012A	BMS1-DF12	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 19:25	05/30/2024 10:39
24060026-013A	BMS1-DF13	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 19:29	05/30/2024 10:40
24060026-014A	BMS1-S14	NELAP		2.0	**95.9**	µg/L	2	06/07/2024 9:11	05/30/2024 10:40
24060026-015A	BMS1-S15	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 19:56	05/30/2024 10:41
24060026-016A	BMS1-016	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 19:59	05/30/2024 10:42
24060026-017A	BMS1-DF17	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 20:02	05/30/2024 10:42
24060026-018A	BMS1-DF18	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 21:00	05/30/2024 10:42
24060026-019A	BMS1-019	NELAP		1.0	**< 1.0**	µg/L	5	06/11/2024 2:00	05/30/2024 10:50
24060026-020A	BMS1-DF20	NELAP		1.0	**< 1.0**	µg/L	5	06/11/2024 2:24	05/30/2024 10:50
24060026-021A	BMS1-S21	NELAP		1.0	**1.3**	µg/L	5	06/11/2024 2:28	05/30/2024 10:51
24060026-022A	BMS1-S22	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 20:57	05/30/2024 10:52
24060026-023A	BMS1-S23	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 22:28	05/30/2024 10:52
24060026-024A	BMS1-S24	NELAP		1.0	**< 1.0**	µg/L	5	06/11/2024 2:31	05/30/2024 10:52
24060026-025A	BMS1-025	NELAP		1.0	**3.7**	µg/L	1	06/06/2024 21:21	05/30/2024 10:53
24060026-026A	BMS1-S26	NELAP		1.0	**13.8**	µg/L	5	06/11/2024 2:34	05/30/2024 10:53
24060026-027A	BMS1-027	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 21:24	05/30/2024 10:53
24060026-028A	BMS1-S28	NELAP		1.0	**7.9**	µg/L	5	06/11/2024 2:48	05/30/2024 10:54
24060026-029A	BMS1-S29	NELAP		1.0	**< 1.0**	µg/L	5	06/11/2024 2:38	05/30/2024 10:54
24060026-030A	BMS1-S30	NELAP		1.0	**2.3**	µg/L	1	06/06/2024 21:27	05/30/2024 10:54
24060026-031A	BMS1-031	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 21:31	05/30/2024 10:55
24060026-032A	BMS1-032	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 21:34	05/30/2024 10:55
24060026-033A	BMS1-S33	NELAP		1.0	**< 1.0**	µg/L	5	06/11/2024 2:41	05/30/2024 10:55
24060026-034A	BMS1-DF34	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 23:12	05/30/2024 10:48
24060026-035A	BMSB-DF35	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 21:37	05/30/2024 10:46
24060026-036A	BMS1-036	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 21:41	05/30/2024 10:57
24060026-037A	BMS1-DF37	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 22:05	05/30/2024 10:57
24060026-038A	BMS1-S38	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 22:08	05/30/2024 10:58
24060026-039A	BMS1-039	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 22:11	05/30/2024 10:58
24060026-040A	BMS1-DF40	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 22:15	05/30/2024 10:58
24060026-041A	BMS1-041	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 22:22	05/30/2024 10:59
24060026-042A	BMS1-DF42	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 22:25	05/30/2024 10:59
24060026-043A	BMSB-DF43	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 22:49	05/30/2024 11:03
24060026-044A	BMSB-DF44	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 22:52	05/30/2024 11:03
24060026-045A	BMS1-S45	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 23:57	05/30/2024 11:05
24060026-046A	BMS1-046	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 22:55	05/30/2024 11:05
24060026-047A	BMS1-S47	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 22:59	05/30/2024 11:05
24060026-048A	BMS1-S48	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 23:02	05/30/2024 11:05

Client: Blackstone Environmental, Inc.
Work Order: 24060026
Client Project: 3659 - Belton School District DW-Belton MS
Report Date: 12-Jun-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									
24060026-049A	BMS1-S49	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 23:06	05/30/2024 11:07
24060026-050A	BMS1-S50	NELAP		1.0	**< 1.0**	µg/L	5	06/11/2024 2:45	05/30/2024 11:07
24060026-051A	BMS1-051	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 23:09	05/30/2024 11:07
24060026-052A	BMS1-S52	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 23:33	05/30/2024 11:07
24060026-053A	BMS1-S53	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 23:36	05/30/2024 11:09
24060026-054A	BMS1-S54	NELAP		1.0	**5.0**	µg/L	5	06/11/2024 3:08	05/30/2024 11:09
24060026-055A	BMS1-S55	NELAP		1.0	**10.7**	µg/L	5	06/11/2024 3:12	05/30/2024 11:09
24060026-056A	BMS1-S56	NELAP		1.0	**2.2**	µg/L	5	06/11/2024 4:37	05/30/2024 11:09
24060026-057A	BMS1-S57	NELAP		1.0	**31.7**	µg/L	5	06/11/2024 4:40	05/30/2024 11:09
24060026-058A	BMS1-058	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 0:41	05/30/2024 11:11
24060026-059A	BMS1-DF59	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 23:40	05/30/2024 11:11

Receiving Check List

Teklab, Inc. Environmental Laboratory

http://www.teklabinc.com/

Client: Blackstone Environmental, Inc.
Work Order: 24060026
Client Project: 3659 - Belton School District DW-Belton MS
Report Date: 12-Jun-24

Carrier: Crossroads
Received By: NR

Completed by: Amber Dilallo
On: 03-Jun-24

Reviewed by: Ellie Hopkins
On: 03-Jun-24

Pages to follow: Chain of custody 6 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 - 6/3/2024 2:56:45 PM

Print PDF

CHAIN OF CUSTODY

Pg 1 of 6 Workorder # 24060026

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Belton Middle School

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24060026 001	BMS0 - S1	5/30/24 @ 1021	Drinking Water	1									✓
002	BMS1 - S2	5/30/24 @ 1028	Drinking Water	1									✓
003	BMS1 - 03	5/30/24 @ 1029	Drinking Water	1									✓
004	BMS1 - 04	5/30/24 @ 1031	Drinking Water	1									✓
005	BMS1 - S5	5/30/24 @ 1031	Drinking Water	1									✓
006	BMS1 - S6	5/30/24 @ 1032	Drinking Water	1									✓
007	BMS1 - 07	5/30/24 @ 1035	Drinking Water	1									✓
008	BMS1 - DF8	5/30/24 @ 1035	Drinking Water	1									✓
009	BMS1 - 09	5/30/24 @ 1036	Drinking Water	1									✓
010	BMS1 - DF10	5/30/24 @ 1036	Drinking Water	1									✓
011	BMS1 - 011	5/30/24 @ 1029	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @ 1500	[signature]	5/31/24 1047
[signature]	5/31/24 1600	[signature] (XX)	6/1/24 1415

*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 1 of 6 Workorder # 24060026

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Belton Middle School

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24060026 01	BMS1 - DF12	5/30/24 @ 1039	Drinking Water	1									✓
03	BMS1 - DF13	5/30/24 @ 1040	Drinking Water	1									✓
014	BMS1 - S14	5/30/24 @ 1040	Drinking Water	1									✓
015	BMS1 - S15	5/30/24 @ 1041	Drinking Water	1									✓
016	BMS1 - 016	5/30/24 @ 1042	Drinking Water	1									✓
017	BMS1 - DF17	5/30/24 @ 1042	Drinking Water	1									✓
018	BMS1 - DF18	5/30/24 @ 1042	Drinking Water	1									✓
019	BMS1 - 019	5/30/24 @ 1050	Drinking Water	1									✓
020	BMS1 - DF20	5/30/24 @ 1050	Drinking Water	1									✓
021	BMS1 - S21	5/30/24 @ 1051	Drinking Water	1									✓
022	BMS1 - S22	5/30/24 @ 1052	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @ 1500		5/30/24 1047
[signature]	5/31/24 1600	[signature] (XX)	6/1/24 1415

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CHAIN OF CUSTODY

Pg 3 of 6 Workorder # 24060026

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Belton Middle School

PROJECT NAME/NUMBER
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24060026 023	BMS1 - S23	5/30/24 @ 1052	Drinking Water	1									✓
024	BMS1 - S24	5/30/24 @ 1052	Drinking Water	1									✓
025	BMS1 - 025	5/30/24 @ 1053	Drinking Water	1									✓
026	BMS1 - S26	5/30/24 @ 1053	Drinking Water	1									✓
027	BMS1 - 027	5/30/24 @ 1053	Drinking Water	1									✓
028	BMS1 - S28	5/30/24 @ 1054	Drinking Water	1									✓
029	BMS1 - S29	5/30/24 @ 1054	Drinking Water	1									✓
030	BMS1 - S30	5/30/24 @ 1054	Drinking Water	1									✓
031	BMS1 - 031	5/30/24 @ 1055	Drinking Water	1									✓
032	BMS1 - 032	5/30/24 @ 1055	Drinking Water	1									✓
033	BMS1 - S33	5/30/24 @ 1055	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @1500	[signature]	5/31/24 1047
[signature]	5/31/24 1600	Nick Reid (XX)	6/1/24 1410

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CHAIN OF CUSTODY

Pg 4 of 6 Workorder # 24060026

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Belton Middle School

PROJECT NAME/NUMBER
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24060026 034	BMS1 - DF34	5/30/24 @ 1048	Drinking Water	1									✓
035	BMSB - DF35	5/30/24 @ 1046	Drinking Water	1									✓
036	BMS1 - 036	5/30/24 @ 1057	Drinking Water	1									✓
037	BMS1 - DF37	5/30/24 @ 1057	Drinking Water	1									✓
038	BMS1 - 538	5/30/24 @ 1058	Drinking Water	1									✓
039	BMS1 - 039	5/30/24 @ 1058	Drinking Water	1									✓
040	BMS1 - DF40	5/30/24 @ 1058	Drinking Water	1									✓
041	BMS1 - 041	5/30/24 @ 1059	Drinking Water	1									✓
042	BMS1 - DF42	5/30/24 @ 1059	Drinking Water	1									✓
043	BMSB- DF43	5/30/24 @ 1103	Drinking Water	1									✓
044	BMSB - DF44	5/30/24 @ 1103	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @ 1500		5/31/24 1047
	5/31/24 1600	Brian Reed (XX)	6/1/24 1415

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CHAIN OF CUSTODY

Pg 5 of 6 Workorder # 24060026

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Belton Middle School

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
2406002[illegible]045	BMS1 - [illegible] S45	5/30/24 @1105	Drinking Water	1									✓
046	BMS1 - 046	5/30/24 @ 1105	Drinking Water	1									✓
047	BMS1 - S47	5/30/24 @ 1105	Drinking Water	1									✓
048	BMS1 - S48	5/30/24 @ 1105	Drinking Water	1									✓
049	BMS1 - S49	5/30/24 @ 1107	Drinking Water	1									✓
050	BMS1 - S50	5/30/24 @ 1107	Drinking Water	1									✓
051	BMS1 - 051	5/30/24 @ 1107	Drinking Water	1									✓
052	BMS1 - S52	5/30/24 @ 1107	Drinking Water	1									✓
053	BMS1 - S53	5/30/24 @ 1109	Drinking Water	1									✓
054	BMS1 - S54	5/30/24 @ 1109	Drinking Water	1									✓
055	BMS1 - S55	5/30/24 @ 1109	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	5/30/24 @ 1500	[signature]	5/31/24 1047
[signature]	5/31/24 1600	Nick Reed (XX)	6/1/24 1415

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CHAIN OF CUSTODY

Pg 1 of 6 Workorder # 24066026

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Belton Middle School

PROJECT NAME/NUMBER
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24066026056	BMS1 - S56	5/30/24 @ 1109	Drinking Water	1									✓
057	BMS1 - S57	5/30/24 @ 1109	Drinking Water	1									✓
058	BMS1 - 058	5/30/24 @ 1111	Drinking Water	1									✓
059	BMS1 - DF59	5/30/24 @ 1111	Drinking Water	1									✓
	BMS1 -	5/30/24 @	Drinking Water	1									✓
	BMS1 -	5/30/24 @	Drinking Water	1									✓
	BMS1 -	5/30/24 @	Drinking Water	1									✓
	BMS1 -	5/30/24 @	Drinking Water	1									✓
	BMS1 -	5/30/24 @	Drinking Water	1									✓
	BMS1 -	5/30/24 @	Drinking Water	1									✓
	BMS1 -	5/30/24 @	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @1500		
[illegible]	5/31/24 1600	[illegible] Rich Read (XF)	5/31/24 1047 6/1/24 1415

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June 28, 2024

Mr. Steven Troutwine
Belton School District #124
Director of Facilities

RE: Belton School District #124 – Drinking Water Testing Services
Bosco Central
409 Colbern Street

Dear Mr. Troutwine:

Blackstone Environmental Inc., (Blackstone) has been contracted by the Belton School District #24 to provide lead in drinking water sampling for the high-priority potable water sources throughout the school district. The objective of the sampling was to determine the lead concentrations in these potable water sources throughout the school district and to identify sources exceeding the Missouri SB681 Action Level of 5 µg/L (parts per billion (ppb)).

Background

Testing and reporting has been conducted in accordance with Missouri State Statute 160-077, Get the Lead Out of School Drinking Water Act, and included sampling of potable water fixtures used for drinking or food preparation including water fountains, faucets, taps, ice making machines, hot drink machines, and outlets used for dispensing water for cooking or for cleaning cooking and eating utensils.

Field Sampling

Field sampling procedures included preparing an inventory of drinking water outlets and outlets that are used for dispensing water for cooking or for cleaning cooking and eating utensils. Each of these locations are marked on the facility maps included in Attachment A.

Each water source was flushed for a minimum of five minutes. Signage was then attached to the source to prevent it from being used prior to sample collection. Between 8 and 18 hours after the source was flushed, Blackstone personnel returned to collect a water sample into laboratory supplied 250-mL sample containers for analysis of total lead concentration by EPA Method 200.8. New nitrile gloves were worn for each sample collection. Labels were prepared and affixed to each sampling container stating the sample location, technicians name, and date and time of sample collection. Field forms were prepared for each school to document pertinent information including sample identification, type of source, time flushed, and time sampled. Field information forms are included in Attachment B.

Once sampling was complete, the samples were transferred under proper chain-of-custody procedures to TekLab, Inc. of Collinsville, Illinois for analysis.

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Analytical Summary

A total of 10 water samples were collected from Bosco Central located at 409 Colbern Street. A summary table is included in Attachment C. Of the 10 samples collected, 5 exceeded the Missouri SB681 Action Level for lead of 5 ppb as shown in the table below. Sample locations that exceeded the Action Level for lead are also identified on the facility maps in Attachment A.

Summary of Lead Results Exceeding Action Levels

Sample ID	Location Description	Lead Concentration
BC1-S1	Sink in room 112	18.2
BC1-S2	Sink in room 109	57.8
BC1-DF4	Fountain by Office	5.1
BC1-S5	Sink in room 105	13.6
BC1-DF10	Fountain by 700 Classes and Restrooms	30.1

*Concentrations in µg/L

A copy of the laboratory analytical report is included as Attachment D.

Recommendations

Recommendations for those water sources that exceed the action levels include removal of the location from services, or filtering, depending on the individual results.

Limitations

This report was prepared in accordance with that level of skill and care ordinarily exercised by other members of Blackstone's profession practicing in the same locality and under similar conditions when the services were provided. No warranties, express or implied, are intended or made.

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Closing

If you have any questions, or need further assistance, please contact Lindsay James at 913-522-0370.

Respectfully,
BLACKSTONE ENVIRONMENTAL, INC.

Kaley S. Muir
Environmental Chemist

John Paul Knightly, CHMM
Senior Project Manager

Enclosures Attachment A – Facility Maps
Attachment B – Field Forms
Attachment C – Summary Table
Attachment D – Laboratory Analytical Report

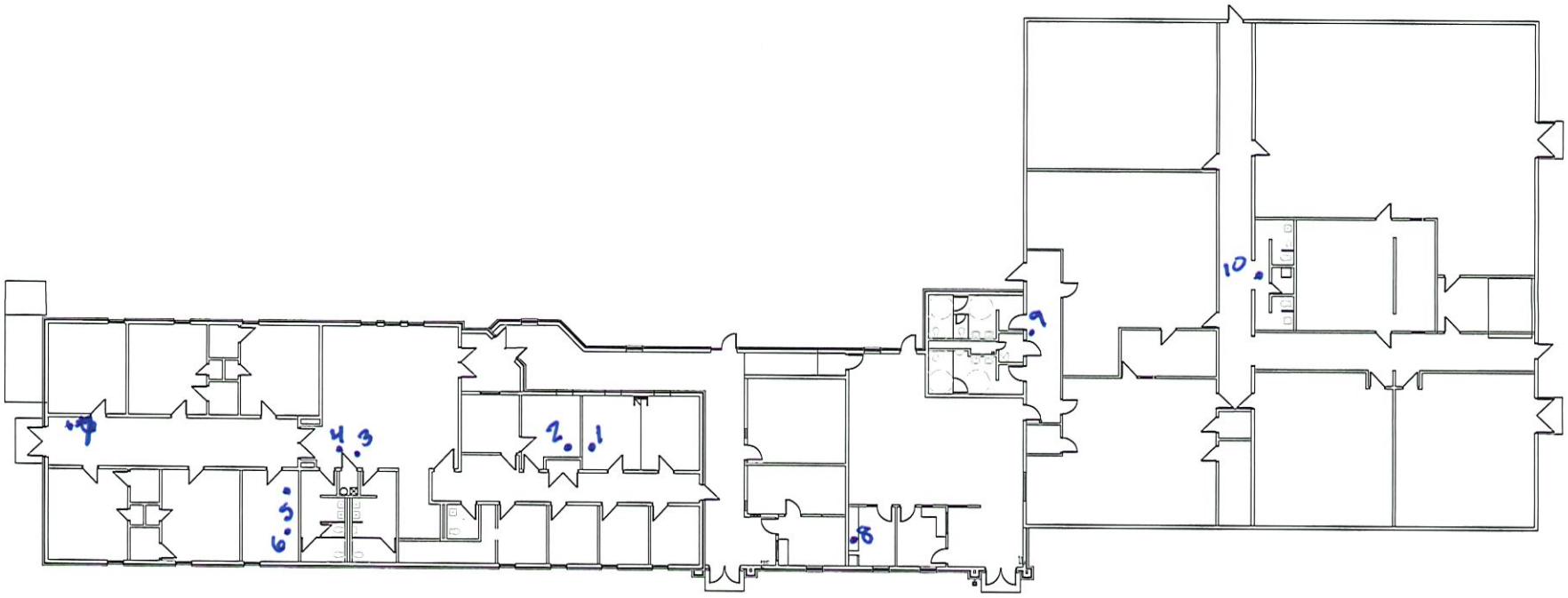
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BLACKSTONE ENVIRONMENTAL

ATTACHMENT A

Bosco Central
Facility Maps

BC



BOSCO CENTRAL

BELTON, MISSOURI

NORTH Scale: 1" = 20'-0"

BLACKSTONE ENVIRONMENTAL

ATTACHMENT B

Bosco Central
Field Forms

Missouri School Districts DW

Date Purged 5/30
Date Sampled

School Bosco Central

Team AR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
1	1	X			112 sink	13:43	7:53
2	1	X			109 sink	13:43	7:53
3	1			X	filler by office	13:43	7:54
4	1		X		fountain by offiul	13:43	7:54
5	1	X			105 sink	13:45	7:56
6	1		~~X~~	X	~~fountain by 105~~ 105 dishwasher	13:45	7:59
7	1		X		fountain by 102	13:45	8:00
8	1	X			office sink	13:50	8:02
9	1		X		fountain by restrooms	13:51	8:03
10	1		X		fountain near 700 classes + restrooms	13:56	8:03

BLACKSTONE ENVIRONMENTAL

ATTACHMENT C

Bosco Central
Summary Table

Summary Table
Bosco Central

Sample ID	Date	Analyte	Result	Unit	Reporting Limit
BC1-S1	5/31/2024	Lead	**18.2**	µg/L	1
BC1-S2	5/31/2024	Lead	**57.8**	µg/L	1
BC1-03	5/31/2024	Lead	**4.4**	µg/L	1
BC1-DF4	5/31/2024	Lead	**5.1**	µg/L	1
BC1-S5	5/31/2024	Lead	**13.6**	µg/L	1
BC1-06	5/31/2024	Lead	ND	µg/L	1
BC1-DF7	5/31/2024	Lead	ND	µg/L	1
BC1-S8	5/31/2024	Lead	**2.9**	µg/L	1
BC1-DF9	5/31/2024	Lead	**2.5**	µg/L	1
BC1-DF10	5/31/2024	Lead	**30.1**	µg/L	1

µg/L: micrograms per liter
Bolded results indicate detection above reporting limits
Results in red indicate Action Level of 5 ppb for lead is exceeded

BLACKSTONE ENVIRONMENTAL

ATTACHMENT D

Bosco Central
Laboratory Analytical Report

June 14, 2024

Kaley Muir
Blackstone Environmental, Inc.
16200 Foster Street
Overland Park, KS 66085
TEL: (913) 495-9990
FAX:

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

RE: 3659-Belton DW-Bosco Central **WorkOrder:** 24060042

Dear Kaley Muir:

TEKLAB, INC received 10 samples on 6/1/2024 2:15:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



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

Report Contents

Client: Blackstone Environmental, Inc.
Work Order: 24060042
Client Project: 3659-Belton DW-Bosco Central
Report Date: 14-Jun-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	8
Chain of Custody	Appended

Client: Blackstone Environmental, Inc. **Work Order:** 24060042

Client Project: 3659-Belton DW-Bosco Central **Report Date:** 14-Jun-24

Abbr	Definition
*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Blackstone Environmental, Inc. **Work Order:** 24060042

Client Project: 3659-Belton DW-Bosco Central **Report Date:** 14-Jun-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: Blackstone Environmental, Inc.
Client Project: 3659-Belton DW-Bosco Central

Work Order: 24060042
Report Date: 14-Jun-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: Blackstone Environmental, Inc. **Work Order:** 24060042

Client Project: 3659-Belton DW-Bosco Central **Report Date:** 14-Jun-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Blackstone Environmental, Inc.
Work Order: 24060042
Client Project: 3659-Belton DW-Bosco Central
Report Date: 14-Jun-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									
24060042-001A	BC1-S1	NELAP		1.0	**18.2**	µg/L	1	06/06/2024 17:47	05/31/2024 7:53
24060042-002A	BC1-S2	NELAP		1.0	**57.8**	µg/L	5	06/12/2024 15:11	05/31/2024 7:53
24060042-003A	BC1-03	NELAP		1.0	**4.4**	µg/L	5	06/12/2024 15:14	05/31/2024 7:54
24060042-004A	BC1-DF4	NELAP		1.0	**5.1**	µg/L	5	06/12/2024 15:18	05/31/2024 7:54
24060042-005A	BC1-S5	NELAP		1.0	**13.6**	µg/L	5	06/12/2024 15:21	05/31/2024 7:56
24060042-006A	BC1-06	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 17:50	05/31/2024 7:59
24060042-007A	BC1-DF7	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 9:35	05/31/2024 8:00
24060042-008A	BC1-S8	NELAP		1.0	**2.9**	µg/L	5	06/12/2024 15:41	05/31/2024 8:02
24060042-009A	BC1-DF9	NELAP		1.0	**2.5**	µg/L	5	06/12/2024 15:45	05/31/2024 8:03
24060042-010A	BC1-DF10	NELAP		1.0	**30.1**	µg/L	5	06/12/2024 16:08	05/31/2024 8:03

Receiving Check List

http://www.teklabinc.com/

Client: Blackstone Environmental, Inc.
Client Project: 3659-Belton DW-Bosco Central

Work Order: 24060042
Report Date: 14-Jun-24

Carrier: Crossroads
Received By: NR

Completed by: Amber Dilallo
On: 03-Jun-24

Reviewed by: Ellie Hopkins
On: 03-Jun-24

Pages to follow: Chain of custody 1 Extra pages included 0

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

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

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

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

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory. - amberdilallo - 6/3/2024 11:14:22 AM

CHAIN OF CUSTODY

pg. 1 of 1 Work order # 24060042

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St.
City / State / Zip OP, KS, 66085
Contact: Kelly Muir Phone: (913) 495-9990
E-Mail: kmuir@blackstone-env.com Fax:

Samples on: ☒ ICE ☒ BLUE ICE ☒ NO ICE N/A °C LTG#
Preserved in: ☒ LAB ☒ FIELD
FOR LAB USE ONLY
Lab Notes

Client Comments: Bosco Central

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: 3659-Belton DW
Sample Collector's Name: KM + AR
Billing Instructions:
Results Requested: ☑ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ☐ 3 Day (50% Surcharge)

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	OTHER	MATRIX: Aqueous	Drinking Water	Soil	Sludge	Special Waste	Groundwater	INDICATE ANALYSIS REQUESTED: DW Lead
24060042-001	BC1-S1	5/31/24@753	X									X					
002	-S2	@753															
003	-03	@754															
004	-DF4	@754															
005	-S5	@756															
006	-06	@759															
007	-DF7	@800															
008	-S8	@802															
009	-DF9	@803															
010	-DF10	@803															

Relinquished By	Date/Time	Received By	Date/Time
[signature]	5/31/24 @ 1045	[signature]	5/31/24 1047
[signature]	5/31/24 1600	[signature]	6/1/24 14:15

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

June 28, 2024

Mr. Steven Troutwine
Belton School District #124
Director of Facilities

RE: Belton School District #124 – Drinking Water Testing Services
Cambridge Elementary
109 West Cambridge

Dear Mr. Troutwine:

Blackstone Environmental Inc., (Blackstone) has been contracted by the Belton School District #24 to provide lead in drinking water sampling for the high-priority potable water sources throughout the school district. The objective of the sampling was to determine the lead concentrations in these potable water sources throughout the school district and to identify sources exceeding the Missouri SB681 Action Level of 5 µg/L (parts per billion (ppb)).

Background

Testing and reporting has been conducted in accordance with Missouri State Statute 160-077, Get the Lead Out of School Drinking Water Act, and included sampling of potable water fixtures used for drinking or food preparation including water fountains, faucets, taps, ice making machines, hot drink machines, and outlets used for dispensing water for cooking or for cleaning cooking and eating utensils.

Field Sampling

Field sampling procedures included preparing an inventory of drinking water outlets and outlets that are used for dispensing water for cooking or for cleaning cooking and eating utensils. Each of these locations are marked on the facility maps included in Attachment A.

Each water source was flushed for a minimum of five minutes. Signage was then attached to the source to prevent it from being used prior to sample collection. Between 8 and 18 hours after the source was flushed, Blackstone personnel returned to collect a water sample into laboratory supplied 250-mL sample containers for analysis of total lead concentration by EPA Method 200.8. New nitrile gloves were worn for each sample collection. Labels were prepared and affixed to each sampling container stating the sample location, technicians name, and date and time of sample collection. Field forms were prepared for each school to document pertinent information including sample identification, type of source, time flushed, and time sampled. Field information forms are included in Attachment B.

Once sampling was complete, the samples were transferred under proper chain-of-custody procedures to TekLab, Inc. of Collinsville, Illinois for analysis.

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Analytical Summary

A total of 71 water samples were collected from Cambridge Elementary located at 109 West Cambridge. A summary table is included in Attachment C. Of the 71 samples collected, 6 exceeded the Missouri SB681 Action Level for lead of 5 ppb as shown in the table below. Sample locations that exceeded the Action Level for lead are also identified on the facility maps in Attachment A.

Summary of Lead Results Exceeding Action Levels

Sample ID	Location Description	Lead Concentration
CE1-O12	Bubbler in Room 10	10.9
CE1-S47	Sink in Room 23	6.0
CEL-S53	Sink in Room 28	48.7
CEL-S56	Sink in Room 32	70.8
CEL-S60	Sink in Room 31	28.2
CE1-S64	Sink in Room 26	640

*Concentrations in µg/L

A copy of the laboratory analytical report is included as Attachment D.

Recommendations

Recommendations for those water sources that exceed the action levels include removal of the location from services, or filtering, depending on the individual results.

Limitations

This report was prepared in accordance with that level of skill and care ordinarily exercised by other members of Blackstone's profession practicing in the same locality and under similar conditions when the services were provided. No warranties, express or implied, are intended or made.

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Closing

If you have any questions, or need further assistance, please contact Lindsay James at 913-522-0370.

Respectfully,
BLACKSTONE ENVIRONMENTAL, INC.

Kaley S. Muir
Environmental Chemist

John Paul Knightly, CHMM
Senior Project Manager

Enclosures Attachment A – Facility Maps
Attachment B – Field Forms
Attachment C – Summary Table
Attachment D – Laboratory Analytical Report

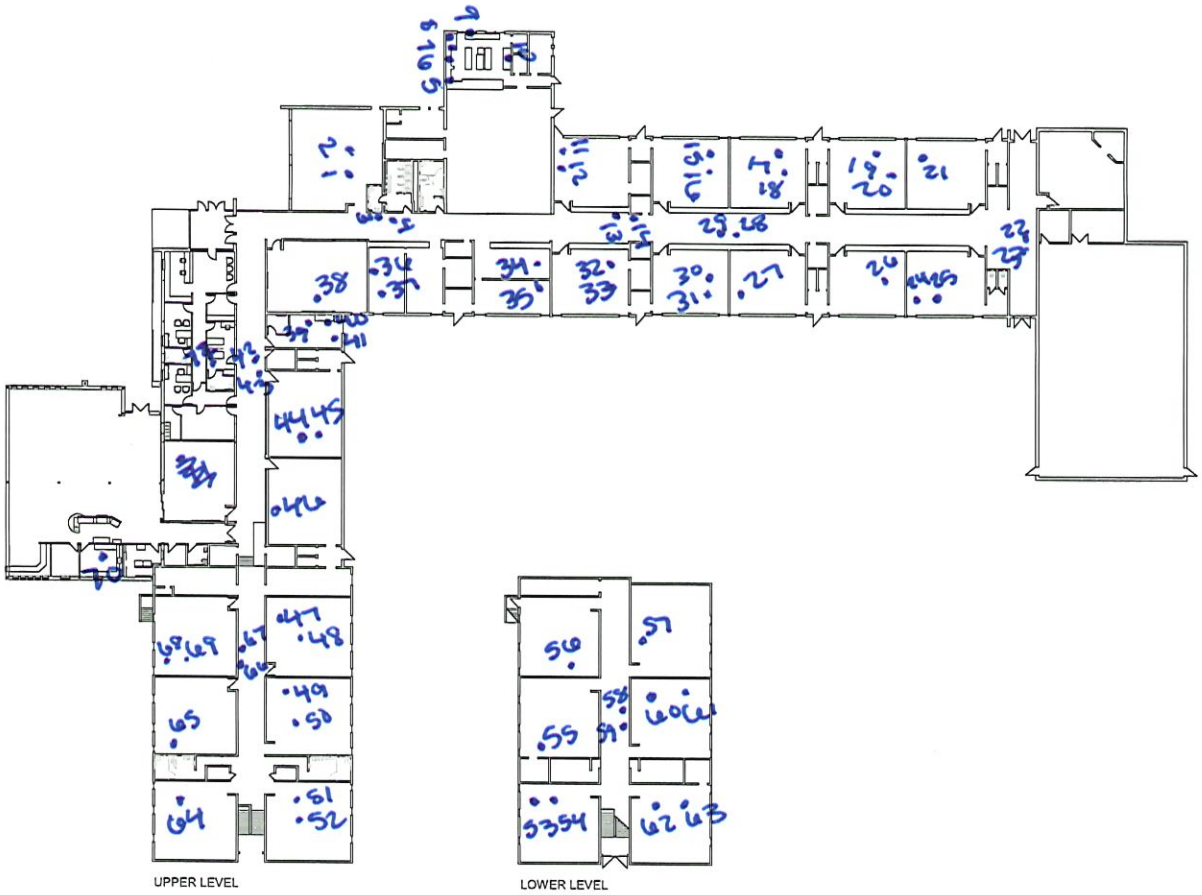
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BLACKSTONE ENVIRONMENTAL

ATTACHMENT A

Cambridge Elementary
Facility Maps

CE



CAMBRIDGE ELEMENTARY SCHOOL

BELTON, MISSOURI

NORTH

Scale: 1" = 40'-0"

BLACKSTONE ENVIRONMENTAL

ATTACHMENT B

Cambridge Elementary
Field Forms

Missouri School Districts DW

Date Purged 5/31
Date Sampled

School Cambridge

Team AR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
1	1	X			12 front sink	19:57	9:25
2	1	X			12 back sink	19:57	9:25
3	1			X	filler by 12	19:57	9:25
4	1		X		fountain by 12	19:57	9:25
5	1	X			sink w sprayer	20:02	9:28
6	1			X	dishwasher	20:02	9:28
7	1	X			(L) dish sink	20:02	9:28
8	1	X		X	(R) dish sink	20:02	9:28
9	1			X	ice machine	20:02	9:29
10	1	X			prep sink	20:02	9:29
11	1	X			10 sink	20:07	9:32
12	1			X	10 bubbler	20:07	9:32
13	1			X	filler by 8	20:07	9:32
14	1		X		fountain by 8	20:07	9:32
15	1	X			8 sink	20:07	9:33
16	1			X	8 bubbler	20:07	9:33
17	1	X			6 sink	20:12	9:33
18	1			X	6 bubbler	20:12	9:33
19	1	X			4 sink	20:12	9:34
20	1			X	4 bubbler	20:12	9:34
21	1	X			2 sink	20:12	9:34
22	1			X	filler by music room	20:12	9:35
23	1		X		fountain by music room	20:12	9:35
24	1	X			1 sink	20:17	9:35

Missouri School Districts DW

Date Purged 5/31
Date Sampled

School Cambridge

Team QIR + KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
25	1			X	1 bubbler	20:17	9:35
26	1	X			3 sink	20:17	9:36
27	1	X			5 sink	20:17	9:36
28	1			X	filler by 5	20:17	9:37
29	1		X		fountain by 5	20:17	9:37
30	1	X			7 sink	20:18	9:37
31	1			X	7 bubbler	20:18	9:37
32	1	X			9 sink	20:18	9:38
33	1			X	9 bubbler	20:18	9:38
34	1	X			11 sink	20:18	9:38
35	1			X	11 bubbler	20:18	9:38
36	1	X			13 sink	20:19	9:39
37	1			X	13 bubbler	20:19	9:39
38	1	X			14 work room sink	20:19	9:39
39	1	X			staff lounge sink	20:20	9:43
40	1			X	staff lounge ice machine	20:20	9:44
41	1			X	staff lounge water dispenser	20:20	9:45
42	1			X	filler by 17	20:20	9:46
43	1		X		fountain by 17	20:20	9:46
44	1	X			17 sink	20:25	9:47
45	1			X	17 bubbler	20:25	9:47
46	1	X			19 sink	20:25	9:47
47	1	X			23 sink	20:25	9:49
48	1			X	23 bubbler	20:25	9:49

Missouri School Districts DW

Date Purged 5/31
Date Sampled

School Cambridge

Team AR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
49	1	X			25 sink	20:25	9:56
50	1			X	25 bubbler	20:25	9:80
51	1	X			27 sink	20:25	9:50
52	1			X	27 bubbler	20:25	9:50
53	L	X			28 sink	20:30	9:57
54	L			X	28 bubbler	20:30	9:57
55	L	X			30 sink	20:30	9:58
56	L	X			32 sink	20:30	9:58
57	L	X			33 sink	20:31	9:58
58	L			X	filler by 33	20:31	9:59
59	L		X		fountain by 33	20:31	9:59
60	L	X			31 sink	20:31	9:59
61	L			X	31 bubbler	20:31	9:59
62	L	X			29 sink	20:31	10:00
63	L			X	29 bubbler	20:31	10:00
64	1	X			26 sink	20:37	10:04
65	1	X			24 sink	20:37	10:04
66	1			X	filler by 24 ~~22 sink~~	20:37	10:05
67	1		X		fountain by 24 ~~22 bubbler~~	20:37	10:05
68	1	X			22 sink	20:37	10:06
69	1			X	22 bubbler	20:37	10:06
70	1	X			library office sink	20:38	10:08
~~000~~	~~1~~	~~X~~			~~18 sink~~	~~20:38~~	
~~000~~	1	X			health room sink	20:38	10:08
71							

BLACKSTONE ENVIRONMENTAL

ATTACHMENT C

Cambridge Elementary
Summary Table

Summary Table
Cambridge Elementary

Sample ID	Date	Analyte	Result	Unit	Reporting Limit
CE1-S1	6/1/2024	Lead	ND	µg/L	1
CE1-S2	6/1/2024	Lead	ND	µg/L	1
CE1-O3	6/1/2024	Lead	ND	µg/L	1
CE1-DF4	6/1/2024	Lead	ND	µg/L	1
CE1-S5	6/1/2024	Lead	ND	µg/L	1
CE1-O	6/1/2024	Lead	ND	µg/L	1
CE1-S7	6/1/2024	Lead	ND	µg/L	1
CE1-S8	6/1/2024	Lead	ND	µg/L	1
CE1-O9	6/1/2024	Lead	ND	µg/L	1
CE1-S10	6/1/2024	Lead	ND	µg/L	1
CE1-S11	6/1/2024	Lead	3.9	µg/L	1
CE1-O12	6/1/2024	Lead	**10.9**	µg/L	1
CE1-O13	6/1/2024	Lead	ND	µg/L	1
CE1-DF14	6/1/2024	Lead	ND	µg/L	1
CE1-S15	6/1/2024	Lead	ND	µg/L	1
CE1-O16	6/1/2024	Lead	ND	µg/L	1
CE1-S17	6/1/2024	Lead	ND	µg/L	1
CE1-O18	6/1/2024	Lead	ND	µg/L	1
CE1-S19	6/1/2024	Lead	**2.9**	µg/L	1
CE1-O20	6/1/2024	Lead	ND	µg/L	1
CE1-S21	6/1/2024	Lead	ND	µg/L	1
CE1-O22	6/1/2024	Lead	ND	µg/L	1
CE1-DF23	6/1/2024	Lead	ND	µg/L	1
CE1-S24	6/1/2024	Lead	ND	µg/L	1
CE1-O25	6/1/2024	Lead	**4.5**	µg/L	1
CE1-S26	6/1/2024	Lead	**2.6**	µg/L	1
CE1-S27	6/1/2024	Lead	ND	µg/L	1
CE1-O28	6/1/2024	Lead	ND	µg/L	1
CE1-DF29	6/1/2024	Lead	ND	µg/L	1
CE1-S30	6/1/2024	Lead	ND	µg/L	1
CE1-O31	6/1/2024	Lead	ND	µg/L	1
CE1-S32	6/1/2024	Lead	ND	µg/L	1
CE1-O33	6/1/2024	Lead	**3.7**	µg/L	1
CE1-S34	6/1/2024	Lead	**2.9**	µg/L	1
CE1-O35	6/1/2024	Lead	ND	µg/L	1
CE1-S36	6/1/2024	Lead	**2.6**	µg/L	1
CE1-O37	6/1/2024	Lead	**3.3**	µg/L	1
CE1-S38	6/1/2024	Lead	**2.5**	µg/L	1
CE1-S39	6/1/2024	Lead	ND	µg/L	1
CE1-O40	6/1/2024	Lead	ND	µg/L	1
CE1-O41	6/1/2024	Lead	ND	µg/L	1
CE1-O42	6/1/2024	Lead	ND	µg/L	1
CE1-DF43	6/1/2024	Lead	ND	µg/L	1

CE1-S44	6/1/2024	Lead	**3.2**	µg/L	1
CE1-O45	6/1/2024	Lead	**1.0**	µg/L	1
CE1-S46	6/1/2024	Lead	**4.7**	µg/L	1
CE1-S47	6/1/2024	Lead	**6.0**	µg/L	1
CE1-O48	6/1/2024	Lead	**1.9**	µg/L	1
CE1-S49	6/1/2024	Lead	ND	µg/L	1
CE1-O50	6/1/2024	Lead	**1.4**	µg/L	1
CE1-S51	6/1/2024	Lead	ND	µg/L	1
CE1-O52	6/1/2024	Lead	ND	µg/L	1
CEL-S53	6/1/2024	Lead	**48.7**	µg/L	1
CEL-O54	6/1/2024	Lead	ND	µg/L	1
CEL-S55	6/1/2024	Lead	**1.9**	µg/L	1
CEL-S56	6/1/2024	Lead	**70.8**	µg/L	1
CEL-S57	6/1/2024	Lead	**2.5**	µg/L	1
CEL-O58	6/1/2024	Lead	ND	µg/L	1
CEL-DF59	6/1/2024	Lead	ND	µg/L	1
CEL-S60	6/1/2024	Lead	**28.2**	µg/L	1
CEL-O61	6/1/2024	Lead	**2.0**	µg/L	1
CEL-S62	6/1/2024	Lead	**1.0**	µg/L	1
CEL-O63	6/1/2024	Lead	**1.2**	µg/L	1
CE1-S64	6/1/2024	Lead	**640**	µg/L	1
CE1-S65	6/1/2024	Lead	ND	µg/L	1
CE1-O66	6/1/2024	Lead	ND	µg/L	1
CE1-DF67	6/1/2024	Lead	ND	µg/L	1
CE1-S68	6/1/2024	Lead	**2.3**	µg/L	1
CE1-O69	6/1/2024	Lead	**1.2**	µg/L	1
CE1-S70	6/1/2024	Lead	ND	µg/L	1
CE1-S71	6/1/2024	Lead	ND	µg/L	1

µg/L: micrograms per liter
Bolded results indicate detection above reporting limits
Results in red indicate Action Level of 5 ppb for lead is exceeded

BLACKSTONE ENVIRONMENTAL

ATTACHMENT D

Cambridge Elementary
Laboratory Analytical Report

June 17, 2024

Kaley Muir
Blackstone Environmental, Inc.
16200 Foster Street
Overland Park, KS 66085
TEL: (913) 495-9990
FAX:

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

RE: 3659 - Belton School District DW - Cambridge Elem. **WorkOrder:** 24060241

Dear Kaley Muir:

TEKLAB, INC received 44 samples on 6/4/2024 11:52:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Patrick Riley

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

Report Contents

Client: Blackstone Environmental, Inc. **Work Order:** 24060241

Client Project: 3659 - Belton School District DW - Cambridge Elem. **Report Date:** 17-Jun-24

This reporting package includes the following:

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Laboratory Results	7
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Chain of Custody	Appended

Client: Blackstone Environmental, Inc. **Work Order:** 24060241

Client Project: 3659 - Belton School District DW - Cambridge Elem. **Report Date:** 17-Jun-24

Abbr	Definition
*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Blackstone Environmental, Inc. **Work Order:** 24060241

Client Project: 3659 - Belton School District DW - Cambridge Elem. **Report Date:** 17-Jun-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: Blackstone Environmental, Inc.

Work Order: 24060241

Client Project: 3659 - Belton School District DW - Cambridge Elem.

Report Date: 17-Jun-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: Blackstone Environmental, Inc. **Work Order:** 24060241

Client Project: 3659 - Belton School District DW - Cambridge Elem. **Report Date:** 17-Jun-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Blackstone Environmental, Inc. **Work Order:** 24060241

Client Project: 3659 - Belton School District DW - Cambridge Elem. **Report Date:** 17-Jun-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									
24060241-001A	CE1-S1	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 22:18	06/01/2024 9:25
24060241-002A	CE1-S2	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 22:21	06/01/2024 9:25
24060241-003A	CE1-O3	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 22:25	06/01/2024 9:25
24060241-004A	CE1-DF4	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 22:48	06/01/2024 9:25
24060241-005A	CE1-S5	NELAP		1.0	**< 1.0**	µg/L	5	06/13/2024 18:27	06/01/2024 9:28
24060241-006A	CE1-O	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 22:52	06/01/2024 9:28
24060241-007A	CE1-S7	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 22:55	06/01/2024 9:28
24060241-008A	CE1-S8	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 22:59	06/01/2024 9:28
24060241-009A	CE1-O9	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 23:02	06/01/2024 9:29
24060241-010A	CE1-S10	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 23:56	06/01/2024 9:29
24060241-011A	CE1-S11	NELAP		1.0	**3.9**	µg/L	5	06/13/2024 18:31	06/01/2024 9:32
24060241-012A	CE1-O12	NELAP		1.0	**10.9**	µg/L	5	06/17/2024 11:13	06/01/2024 9:32
24060241-013A	CE1-O13	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 23:05	06/01/2024 9:32
24060241-014A	CE1-DF14	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 23:09	06/01/2024 9:32
24060241-015A	CE1-S15	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 23:33	06/01/2024 9:33
24060241-016A	CE1-O16	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 23:36	06/01/2024 9:33
24060241-017A	CE1-S17	NELAP		1.0	**< 1.0**	µg/L	5	06/17/2024 11:17	06/01/2024 9:33
24060241-018A	CE1-O18	NELAP		1.0	**< 1.0**	µg/L	1	06/12/2024 12:16	06/01/2024 9:33
24060241-019A	CE1-S19	NELAP		1.0	**2.9**	µg/L	1	06/12/2024 12:21	06/01/2024 9:34
24060241-020A	CE1-O20	NELAP		1.0	**< 1.0**	µg/L	1	06/12/2024 12:25	06/01/2024 9:34
24060241-021A	CE1-S21	NELAP		1.0	**< 1.0**	µg/L	5	06/17/2024 11:26	06/01/2024 9:34
24060241-022A	CE1-O22	NELAP		1.0	**< 1.0**	µg/L	1	06/12/2024 12:29	06/01/2024 9:35
24060241-023A	CE1-DF23	NELAP		1.0	**< 1.0**	µg/L	1	06/12/2024 12:33	06/01/2024 9:35
24060241-024A	CE1-S24	NELAP		1.0	**< 1.0**	µg/L	1	06/12/2024 12:38	06/01/2024 9:35
24060241-025A	CE1-O25	NELAP		1.0	**4.5**	µg/L	5	06/17/2024 11:21	06/01/2024 9:35
24060241-026A	CE1-S26	NELAP		1.0	**2.6**	µg/L	1	06/13/2024 8:41	06/01/2024 9:36
24060241-027A	CE1-S27	NELAP		1.0	**< 1.0**	µg/L	5	06/17/2024 11:52	06/01/2024 9:36
24060241-028A	CE1-O28	NELAP		1.0	**< 1.0**	µg/L	1	06/13/2024 8:46	06/01/2024 9:37
24060241-029A	CE1-DF29	NELAP		1.0	**< 1.0**	µg/L	1	06/13/2024 11:08	06/01/2024 9:37
24060241-030A	CE1-S30	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 18:27	06/01/2024 9:37
24060241-031A	CE1-O31	NELAP		1.0	**< 1.0**	µg/L	1	06/13/2024 8:50	06/01/2024 9:37
24060241-032A	CE1-S32	NELAP		1.0	**< 1.0**	µg/L	5	06/17/2024 12:01	06/01/2024 9:38
24060241-033A	CE1-O33	NELAP		1.0	**3.7**	µg/L	1	06/11/2024 18:31	06/01/2024 9:38
24060241-034A	CE1-S34	NELAP		1.0	**2.9**	µg/L	1	06/11/2024 18:35	06/01/2024 9:38
24060241-035A	CE1-O35	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 18:40	06/01/2024 9:38
24060241-036A	CE1-S36	NELAP		1.0	**2.6**	µg/L	1	06/11/2024 18:44	06/01/2024 9:39
24060241-037A	CE1-O37	NELAP		1.0	**3.3**	µg/L	1	06/12/2024 10:28	06/01/2024 9:39
24060241-038A	CE1-S38	NELAP		1.0	**2.5**	µg/L	5	06/17/2024 12:05	06/01/2024 9:39
24060241-039A	CE1-S39	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 17:04	06/01/2024 9:43
24060241-040A	CE1-O40	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 17:08	06/01/2024 9:44
24060241-041A	CE1-O41	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 17:11	06/01/2024 9:45
24060241-042A	CE1-O42	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 11:57	06/01/2024 9:46
24060241-043A	CE1-DF43	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 10:49	06/01/2024 9:46
24060241-044A	CE1-S44	NELAP		1.0	**3.2**	µg/L	1	06/11/2024 10:52	06/01/2024 9:47

Receiving Check List

http://www.teklabinc.com/

Client: Blackstone Environmental, Inc. **Work Order:** 24060241

Client Project: 3659 - Belton School District DW - Cambridge Elem. **Report Date:** 17-Jun-24

Carrier: Crossroads **Received By:** NR

Completed by: Amber Dilallo **On:** 04-Jun-24

Reviewed by: Elizabeth A. Hurley **On:** 04-Jun-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.

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CHAIN OF CUSTODY

Pg 1 of 7 Workorder # 240600241

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Cambridge Elementary

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
240600191-001	CE1 - S1	6/1/24 @ 925	Drinking Water	1									✓
002	CE1 - S2	6/1/24 @ 925	Drinking Water	1									✓
003	CE1 - D3	6/1/24 @ 925	Drinking Water	1									✓
004	CE1 - DF4	6/1/24 @ 925	Drinking Water	1									✓
005	CE1 - S5	6/1/24 @ 928	Drinking Water	1									✓
006	CE1 - D6	6/1/24 @ 928	Drinking Water	1									✓
007	CE1 - S7	6/1/24 @ 928	Drinking Water	1									✓
008	CE1 - S8	6/1/24 @ 928	Drinking Water	1									✓
009	CE1 - D9	6/1/24 @ 929	Drinking Water	1									✓
010	CE1 - S10	6/1/24 @ 929	Groundwater	1									✓
011	CE1 - S11	6/1/24 @ 932	Groundwater	1									✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	6/3/24 @ 1130	[signature]	6/3/24 1210
[signature]	6/3/24 1600	Mick Reed (XX)	6/4/24 1152

*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 7 Workorder # 24060241

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Cambridge Elementary

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24060241 012	CE1 - 012	6/1/24 @ 932	Drinking Water	1									✓
013	CE1 - 013	6/1/24 @ 932	Drinking Water	1									✓
014	CE1 - DF14	6/1/24 @ 932	Drinking Water	1									✓
015	CE1 - S15	6/1/24 @ 933	Drinking Water	1									✓
016	CE1 - 016	6/1/24 @ 933	Drinking Water	1									✓
017	CE1 - S17	6/1/24 @ 933	Drinking Water	1									✓
018	CE1 - 018	6/1/24 @ 933	Drinking Water	1									✓
019	CE1 - S19	6/1/24 @ 934	Drinking Water	1									✓
020	CE1 - 020	6/1/24 @ 934	Drinking Water	1									✓
021	CE1 - S21	6/1/24 @ 934	Groundwater	1									✓
022	CE1 - 022	6/1/24 @ 935	Groundwater	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	6/3/24 @ 1136	Mitch Reed (XX)	6/3/24 1210
[signature]	6/3/24 1600		6/4/24 1152

*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 3 of 7 Workorder # 240e0241

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Cambridge Elementary

PROJECT NAME/NUMBER	SAMPLE COLLECTOR'S NAME
3659 - Belton School District DW	KM + AR

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: DW Lead
240e0241 023	CE1 - DF23	6/1/24 @ 935	Drinking Water	1									✓
024	CE1 - S24	6/1/24 @ 935	Drinking Water	1									✓
025	CE1 - 025	6/1/24 @ 935	Drinking Water	1									✓
026	CE1 - S26	6/1/24 @ 936	Drinking Water	1									✓
027	CE1 - S27	6/1/24 @ 936	Drinking Water	1									✓
028	CE1 - 028	6/1/24 @ 937	Drinking Water	1									✓
029	CE1 - DF29	6/1/24 @ 937	Drinking Water	1									✓
030	CE1 - S30	6/1/24 @ 937	Drinking Water	1									✓
031	CE1 - 031	6/1/24 @ 937	Drinking Water	1									✓
032	CE1 - S32	6/1/24 @ 938	Groundwater	1									✓
033	CE1 - 033	6/1/24 @ 938	Groundwater	1									✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	6/3/24 @ 1130	[signature]	6/3/24 1210
[signature]	6/3/24 1600	[signature] (XX)	6/4/24 1152

*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 4 of 7 Workorder # 24060241

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Cambridge Elementary

PROJECT NAME/NUMBER
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24060241 034	CE1 - S34	6/1/24 @ 938	Drinking Water	1									✓
035	CE1 - 035	6/1/24 @ 938	Drinking Water	1									✓
036	CE1 - S36	6/1/24 @ 939	Drinking Water	1									✓
037	CE1 - 037	6/1/24 @ 939	Drinking Water	1									✓
038	CE1 - S38	6/1/24 @ 939	Drinking Water	1									✓
039	CE1 - S39	6/1/24 @ 943	Drinking Water	1									✓
040	CE1 - 040	6/1/24 @ 944	Drinking Water	1									✓
041	CE1 - 041	6/1/24 @ 945	Drinking Water	1									✓
042	CE1 - 042	6/1/24 @ 946	Drinking Water	1									✓
043	CE1 - DP43	6/1/24 @ 946	Groundwater	1									✓
044	CE1 - S44	6/1/24 @ 947	Groundwater	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	6/3/24 @ 1130		6/3/24 1210
	6/3/24 1600	Trish Reed (FC)	6/4/24 1152

*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

June 18, 2024

Kaley Muir
Blackstone Environmental, Inc.
16200 Foster Street
Overland Park, KS 66085
TEL: (913) 495-9990
FAX:

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

RE: 3659-Belton School District DW-Cambridge Elem. **WorkOrder:** 24060242

Dear Kaley Muir:

TEKLAB, INC received 27 samples on 6/4/2024 11:52:00 AM 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

Client: Blackstone Environmental, Inc. **Work Order:** 24060242

Client Project: 3659-Belton School District DW-Cambridge Elem. **Report Date:** 18-Jun-24

This reporting package includes the following:

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Accreditations	6
Laboratory Results	7
Receiving Check List	8
Chain of Custody	Appended

Client: Blackstone Environmental, Inc. **Work Order:** 24060242

Client Project: 3659-Belton School District DW-Cambridge Elem. **Report Date:** 18-Jun-24

Abbr Definition

*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Blackstone Environmental, Inc. **Work Order:** 24060242

Client Project: 3659-Belton School District DW-Cambridge Elem. **Report Date:** 18-Jun-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: Blackstone Environmental, Inc.
Work Order: 24060242
Client Project: 3659-Belton School District DW-Cambridge Elem.
Report Date: 18-Jun-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: Blackstone Environmental, Inc. **Work Order:** 24060242

Client Project: 3659-Belton School District DW-Cambridge Elem. **Report Date:** 18-Jun-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Blackstone Environmental, Inc. **Work Order:** 24060242

Client Project: 3659-Belton School District DW-Cambridge Elem. **Report Date:** 18-Jun-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									
24060242-001A	CE1-O45	NELAP		1.0	**1.0**	µg/L	1	06/11/2024 10:56	06/01/2024 9:47
24060242-002A	CE1-S46	NELAP		1.0	**4.7**	µg/L	1	06/11/2024 10:59	06/01/2024 9:47
24060242-003A	CE1-S47	NELAP		1.0	**6.0**	µg/L	1	06/11/2024 11:02	06/01/2024 9:49
24060242-004A	CE1-O48	NELAP		1.0	**1.9**	µg/L	1	06/11/2024 11:06	06/01/2024 9:49
24060242-005A	CE1-S49	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 11:09	06/01/2024 9:50
24060242-006A	CE1-O50	NELAP		1.0	**1.4**	µg/L	1	06/11/2024 11:33	06/01/2024 9:50
24060242-007A	CE1-S51	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 19:27	06/01/2024 9:50
24060242-008A	CE1-O52	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 11:36	06/01/2024 9:50
24060242-009A	CEL-S53	NELAP		1.0	**48.7**	µg/L	1	06/11/2024 11:40	06/01/2024 9:57
24060242-010A	CEL-O54	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 11:43	06/01/2024 9:57
24060242-011A	CEL-S55	NELAP		1.0	**1.9**	µg/L	1	06/11/2024 11:46	06/01/2024 9:58
24060242-012A	CEL-S56	NELAP		1.0	**70.8**	µg/L	1	06/11/2024 11:50	06/01/2024 9:58
24060242-013A	CEL-S57	NELAP		1.0	**2.5**	µg/L	1	06/11/2024 11:53	06/01/2024 9:58
24060242-014A	CEL-O58	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 20:45	06/01/2024 9:59
24060242-015A	CEL-DF59	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 20:48	06/01/2024 9:59
24060242-016A	CEL-S60	NELAP		1.0	**28.2**	µg/L	1	06/10/2024 21:39	06/01/2024 9:59
24060242-017A	CEL-O61	NELAP		1.0	**2.0**	µg/L	1	06/10/2024 20:52	06/01/2024 9:59
24060242-018A	CEL-S62	NELAP		1.0	**1.0**	µg/L	1	06/10/2024 21:16	06/01/2024 10:00
24060242-019A	CEL-O63	NELAP		1.0	**1.2**	µg/L	1	06/10/2024 21:19	06/01/2024 10:00
24060242-020A	CE1-S64	NELAP		4.0	**640**	µg/L	20	06/17/2024 13:48	06/01/2024 10:04
24060242-021A	CE1-S65	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 21:22	06/01/2024 10:04
24060242-022A	CE1-O66	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 21:26	06/01/2024 10:05
24060242-023A	CE1-DF67	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 21:29	06/01/2024 10:05
24060242-024A	CE1-S68	NELAP		1.0	**2.3**	µg/L	1	06/10/2024 21:33	06/01/2024 10:06
24060242-025A	CE1-O69	NELAP		1.0	**1.2**	µg/L	1	06/10/2024 21:36	06/01/2024 10:06
24060242-026A	CE1-S70	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 22:00	06/01/2024 10:08
24060242-027A	CE1-S71	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 22:24	06/01/2024 10:08

Receiving Check List

http://www.teklabinc.com/

Client: Blackstone Environmental, Inc.
Work Order: 24060242
Client Project: 3659-Belton School District DW-Cambridge Elem.
Report Date: 18-Jun-24

Carrier: Crossroads
Received By: NR

Completed by: Amber Dilallo
On: 04-Jun-24

Reviewed by: Elizabeth A. Hurley
On: 04-Jun-24

Pages to follow: Chain of custody 3 Extra pages included 0

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

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

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory.

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CHAIN OF CUSTODY

Pg 5 of 7 Workorder # 2406O242

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Cambridge Elementary

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
2406O242-001	CE1 - 045	6/1/24 @ 947	Drinking Water	1									✓
002	CE1 - 546	6/1/24 @ 947	Drinking Water	1									✓
003	CE1 - 547	6/1/24 @ 949	Drinking Water	1									✓
004	CE1 - 048	6/1/24 @ 949	Drinking Water	1									✓
005	CE1 - 549	6/1/24 @ 950	Drinking Water	1									✓
006	CE1 - 050	6/1/24 @ 950	Drinking Water	1									✓
007	CE1 - 551	6/1/24 @ 950	Drinking Water	1									✓
008	CE1 - 052	6/1/24 @ 950	Drinking Water	1									✓
009	CEL - 553	6/1/24 @ 957	Drinking Water	1									✓
010	CEL - 054	6/1/24 @ 957	Groundwater	1									✓
011	CEL - 555	6/1/24 @ 958	Groundwater	1									✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	6/3/24 @ 1130	[signature]	6/3/24 1210
[signature]	6/3/24 1600	[signature] (XX)	6/4/24 1152

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CHAIN OF CUSTODY

Pg 6 of 7 Workorder # 24060242

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Carnbridge Elementary

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24060242 012	CEL - S56	6/1/24 @ 958	Drinking Water	1									✓
013	CEL - S57	6/1/24 @ 958	Drinking Water	1									✓
014	CEL - 058	6/1/24 @ 959	Drinking Water	1									✓
015	CEL - DF59	6/1/24 @ 959	Drinking Water	1									✓
016	CEL - S60	6/1/24 @ 959	Drinking Water	1									✓
017	CEL - 061	6/1/24 @ 959	Drinking Water	1									✓
018	CEL - 062	6/1/24 @ 1000	Drinking Water	1									✓
019	CEL - 063	6/1/24 @ 1000	Drinking Water	1									✓
020	CE1 - S64	6/1/24 @ 1004	Drinking Water	1									✓
021	CE1 - S65	6/1/24 @ 1004	Groundwater	1									✓
022	CE1 - 066	6/1/24 @ 1005	Groundwater	1									✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	6/13/24 @ 1130	[signature] Reed (XO)	6/13/24 1210
[signature]	6/13/24 600		6/14/24 1152

*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

CHAIN OF CUSTODY

Pg 1 of 7 Workorder # 240602 42

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Cambridge Elementary

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
240602 023	CE1 - DF67	6/1/24 @ 1005	Drinking Water	1									✓
024	CE1 - S68	6/1/24 @ 1006	Drinking Water	1									✓
025	CE1 - D69	6/1/24 @ 1006	Drinking Water	1									✓
026	CE1 - S70	6/1/24 @ 1008	Drinking Water	1									✓
027	CE1 - S71	6/1/24 @ 1008	Drinking Water	1									✓
			Drinking Water	1									✓
			Drinking Water	1									✓
			Drinking Water	1									✓
			Drinking Water	1									✓
			Groundwater	1									✓
			Groundwater	1									✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	6/3/24 @ 1130	[signature]	6/3/24 1130
[signature]	6/3/24 1600	Nick Read (XX)	6/4/24 1152

*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

June 28, 2024

Mr. Steven Troutwine
Belton School District #124
Director of Facilities

RE: Belton School District #124 – Drinking Water Testing Services
District Office
110 West Walnut Street

Dear Mr. Troutwine:

Blackstone Environmental Inc., (Blackstone) has been contracted by the Belton School District #24 to provide lead in drinking water sampling for the high-priority potable water sources throughout the school district. The objective of the sampling was to determine the lead concentrations in these potable water sources throughout the school district and to identify sources exceeding the Missouri SB681 Action Level of 5 µg/L (parts per billion (ppb)).

Background

Testing and reporting has been conducted in accordance with Missouri State Statute 160-077, Get the Lead Out of School Drinking Water Act, and included sampling of potable water fixtures used for drinking or food preparation including water fountains, faucets, taps, ice making machines, hot drink machines, and outlets used for dispensing water for cooking or for cleaning cooking and eating utensils.

Field Sampling

Field sampling procedures included preparing an inventory of drinking water outlets and outlets that are used for dispensing water for cooking or for cleaning cooking and eating utensils. Each of these locations are marked on the facility maps included in Attachment A.

Each water source was flushed for a minimum of five minutes. Signage was then attached to the source to prevent it from being used prior to sample collection. Between 8 and 18 hours after the source was flushed, Blackstone personnel returned to collect a water sample into laboratory supplied 250-mL sample containers for analysis of total lead concentration by EPA Method 200.8. New nitrile gloves were worn for each sample collection. Labels were prepared and affixed to each sampling container stating the sample location, technicians name, and date and time of sample collection. Field forms were prepared for each school to document pertinent information including sample identification, type of source, time flushed, and time sampled. Field information forms are included in Attachment B.

Once sampling was complete, the samples were transferred under proper chain-of-custody procedures to TekLab, Inc. of Collinsville, Illinois for analysis.

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Analytical Summary

A total of 20 water samples were collected from District Office located at 110 West Walnut Street. A summary table is included in Attachment C. Of the 20 samples collected, 1 exceeded the Missouri SB681 Action Level for lead of 5 ppb as shown in the table below. Sample locations that exceeded the Action Level for lead are also identified on the facility maps in Attachment A.

Summary of Lead Results Exceeding Action Levels

Sample ID	Location Description	Lead Concentration
DO1-S14	Art Room Front Sink	6.4

*Concentrations in µg/L

A copy of the laboratory analytical report is included as Attachment D.

Recommendations

Recommendations for those water sources that exceed the action levels include removal of the location from services, or filtering, depending on the individual results.

Limitations

This report was prepared in accordance with that level of skill and care ordinarily exercised by other members of Blackstone's profession practicing in the same locality and under similar conditions when the services were provided. No warranties, express or implied, are intended or made.

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Closing

If you have any questions, or need further assistance, please contact Lindsay James at 913-522-0370.

Respectfully,
BLACKSTONE ENVIRONMENTAL, INC.

Kaley S. Muir
Environmental Chemist

John Paul Knightly, CHMM
Senior Project Manager

Enclosures Attachment A – Facility Maps
Attachment B – Field Forms
Attachment C – Summary Table
Attachment D – Laboratory Analytical Report

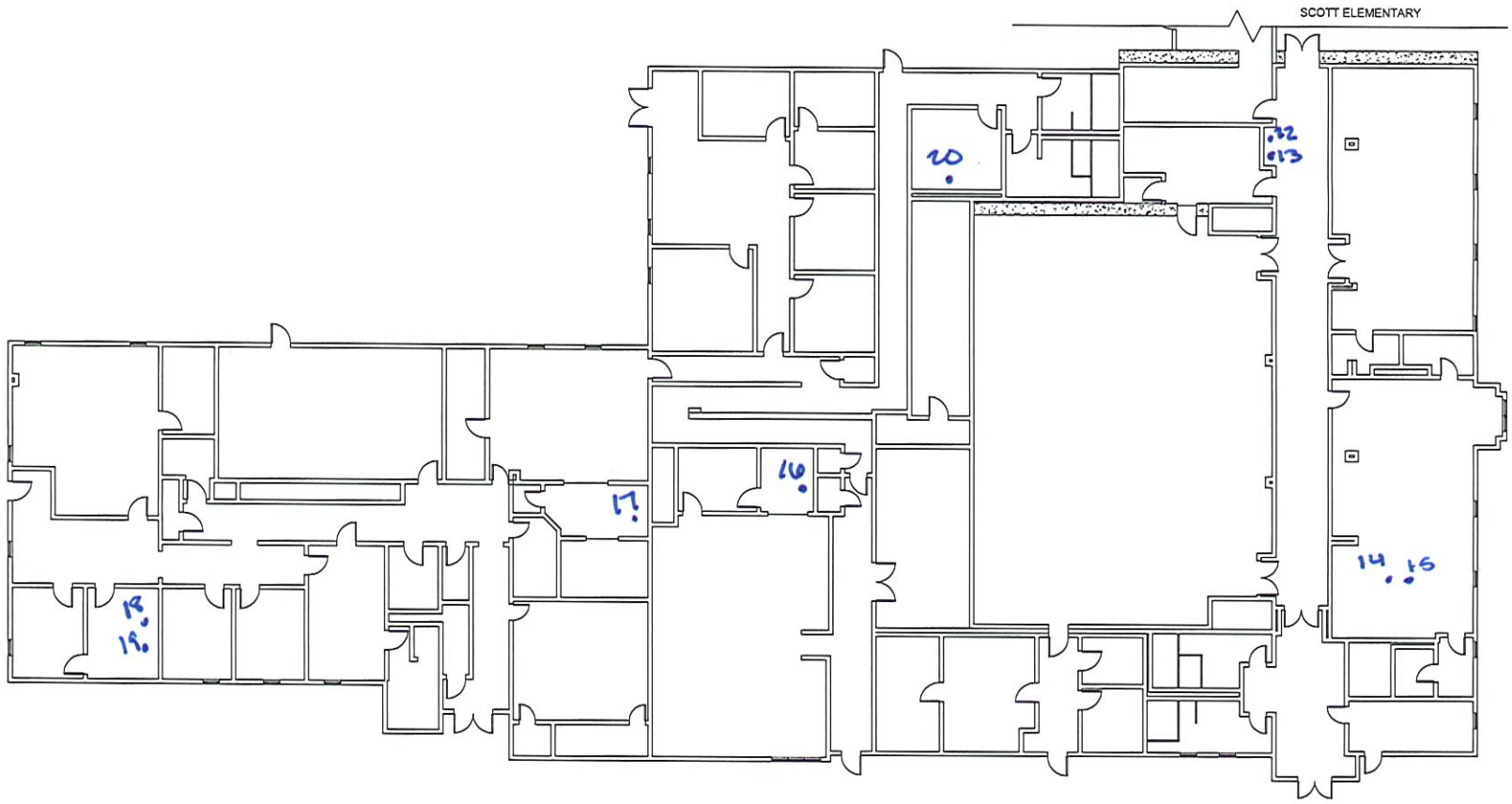
© 2024 Blackstone Environmental, Inc.

BLACKSTONE ENVIRONMENTAL

ATTACHMENT A

District Office
Facility Maps

DO
PJ 1

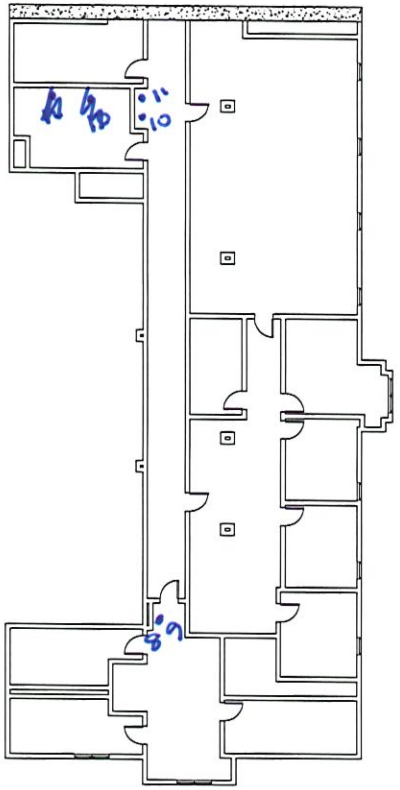


DISTRICT OFFICE

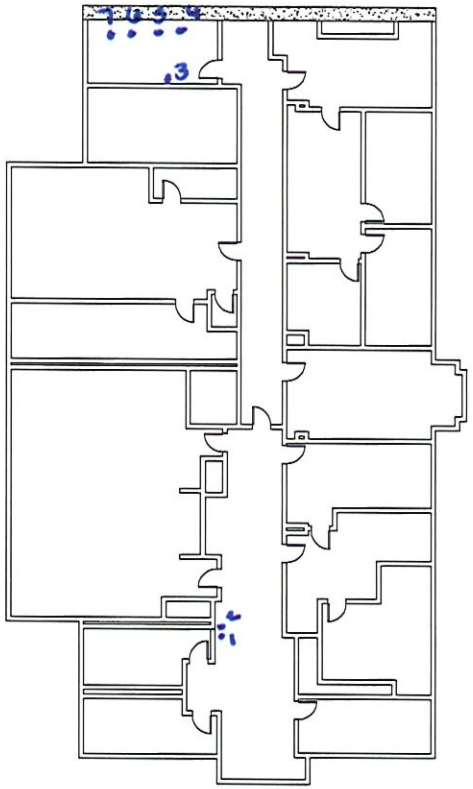
BELTON, MISSOURI

Scale: 1/16" = 1'-0"

DO
pg2



1 DISTRICT OFFICES LVL 2
1/16" = 1'-0"



2 DISTRICT OFFICES LVL3
1/16" = 1'-0"

BELTON, MISSOURI

Scale: 1/16" = 1'-0"

BLACKSTONE ENVIRONMENTAL

ATTACHMENT B

District Office
Field Forms

Missouri School Districts DW

Date Purged 5/30 School District Office Team CR+KM

Date Sampled

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
1	3			X	filler by board room	12:05	9:21
2	3		X		fountain by board room	12:05	9:21
3	3			X	hot water dispenser	12:07	9:25
4	3			X	dishwasher (lounge)	12:07	9:25
5	3	X			sink (lounge)	12:07	9:25
6	3			X	ice machine (lounge)	12:07	9:25
7	3			X	water dispenser (lounge)	12:07	9:25
8	2			X	filler by restrooms	12:13	9:33
9	2		X		fountain by restrooms	12:13	9:33
10	2	X			hall sink	12:14	9:34
11	2			X	hall ice machine	12:14	9:34
12	1		X		(r) hall fountain	12:19	9:39
13	1			X	(l) hall filler	12:19	9:39
14	1	X			art room front sink	12:24	9:41
15	1	X			art room back sink	12:24	9:41
16	1	X			sink by Ms. Cummings	12:29	9:46
17	1	X			sink in clothing room	12:34	9:51
18	1	X			west side break room sink	12:42	9:54
19	1			X	west side break room fridge	12:42	9:54
20	1	X			Kitchen sink	12:48	9:57

BLACKSTONE ENVIRONMENTAL

ATTACHMENT C

District Office
Summary Table

Summary Table
District Office

Sample ID	Date	Analyte	Result	Unit	Reporting Limit
DO3-01	11/25/2023	Lead	ND	µg/L	1
DO3-DF2	11/25/2023	Lead	ND	µg/L	1
DO3-03	11/25/2023	Lead	ND	µg/L	1
DO3-04	11/25/2023	Lead	ND	µg/L	1
DO3-S5	11/25/2023	Lead	ND	µg/L	1
DO3-06	11/25/2023	Lead	ND	µg/L	1
DO3-07	11/25/2023	Lead	ND	µg/L	1
DO2-08	11/25/2023	Lead	ND	µg/L	1
DO2-DF9	11/25/2023	Lead	ND	µg/L	1
DO2-S10	11/25/2023	Lead	ND	µg/L	1
DO2-011	11/25/2023	Lead	ND	µg/L	1
DO1-DF12	11/25/2023	Lead	ND	µg/L	1
DO1-013	11/25/2023	Lead	ND	µg/L	1
DO1-S14	11/25/2023	Lead	**6.4**	µg/L	1
DO1-S15	11/25/2023	Lead	**1.3**	µg/L	1
DO1-S16	11/25/2023	Lead	**1.0**	µg/L	1
DO1-S17	11/25/2023	Lead	**3.5**	µg/L	1
DO1-S18	11/25/2023	Lead	ND	µg/L	1
DO1-019	11/25/2023	Lead	ND	µg/L	1
DO1-S20	11/25/2023	Lead	**4.3**	µg/L	1

µg/L: micrograms per liter
Bolded results indicate detection above reporting limits
Results in red indicate Action Level of 5 ppb for lead is exceeded

BLACKSTONE ENVIRONMENTAL

ATTACHMENT D

District Office
Laboratory Analytical Report

June 14, 2024

Kaley Muir
Blackstone Environmental, Inc.
16200 Foster Street
Overland Park, KS 66085
TEL: (913) 495-9990
FAX:

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

RE: 3659-Belton School District DW-District Office **WorkOrder:** 24060043

Dear Kaley Muir:

TEKLAB, INC received 20 samples on 6/1/2024 2:15:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

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

Report Contents

http://www.teklabinc.com/

Client: Blackstone Environmental, Inc.
Work Order: 24060043
Client Project: 3659-Belton School District DW-District Office
Report Date: 14-Jun-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	8
Chain of Custody	Appended

Client: Blackstone Environmental, Inc. **Work Order:** 24060043

Client Project: 3659-Belton School District DW-District Office **Report Date:** 14-Jun-24

Abbr	Definition
*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Blackstone Environmental, Inc. **Work Order:** 24060043

Client Project: 3659-Belton School District DW-District Office **Report Date:** 14-Jun-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: Blackstone Environmental, Inc.
Work Order: 24060043
Client Project: 3659-Belton School District DW-District Office
Report Date: 14-Jun-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: Blackstone Environmental, Inc. **Work Order:** 24060043

Client Project: 3659-Belton School District DW-District Office **Report Date:** 14-Jun-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Blackstone Environmental, Inc. **Work Order:** 24060043

Client Project: 3659-Belton School District DW-District Office **Report Date:** 14-Jun-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									
24060043-001A	DO3-01	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 17:53	05/31/2024 9:21
24060043-002A	DO3-DF2	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 17:57	05/31/2024 9:21
24060043-003A	DO3-03	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 18:00	05/31/2024 9:25
24060043-004A	DO3-04	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 18:24	05/31/2024 9:25
24060043-005A	DO3-S5	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 19:32	05/31/2024 9:25
24060043-006A	DO3-06	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 18:27	05/31/2024 9:25
24060043-007A	DO3-07	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 18:31	05/31/2024 9:25
24060043-008A	DO2-08	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 18:34	05/31/2024 9:33
24060043-009A	DO2-DF9	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 18:38	05/31/2024 9:33
24060043-010A	DO2-S10	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 20:06	05/31/2024 9:34
24060043-011A	DO2-011	NELAP		1.0	**< 1.0**	µg/L	5	06/12/2024 15:48	05/31/2024 9:35
24060043-012A	DO1-DF12	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 20:09	05/31/2024 9:39
24060043-013A	DO1-013	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 20:13	05/31/2024 9:39
24060043-014A	DO1-S14	NELAP		1.0	**6.4**	µg/L	1	06/06/2024 20:36	05/31/2024 9:41
24060043-015A	DO1-S15	NELAP		1.0	**1.3**	µg/L	1	06/06/2024 21:44	05/31/2024 9:41
24060043-016A	DO1-S16	NELAP		1.0	**1.0**	µg/L	1	06/06/2024 20:40	05/31/2024 9:46
24060043-017A	DO1-S17	NELAP		1.0	**3.5**	µg/L	1	06/06/2024 20:43	05/31/2024 9:51
24060043-018A	DO1-S18	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 20:47	05/31/2024 9:54
24060043-019A	DO1-019	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 20:50	05/31/2024 9:54
24060043-020A	DO1-S20	NELAP		1.0	**4.3**	µg/L	1	06/06/2024 20:53	05/31/2024 9:57

Receiving Check List

http://www.teklabinc.com/

Client: Blackstone Environmental, Inc.
Work Order: 24060043
Client Project: 3659-Belton School District DW-District Office
Report Date: 14-Jun-24

Carrier: Crossroads
Received By: NR

Completed by: Amber Dilallo
On: 03-Jun-24

Reviewed by: Ellie Hopkins
On: 03-Jun-24

Pages to follow: Chain of custody 2 Extra pages included 0

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

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

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

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

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory. - amberdilallo - 6/3/2024 11:18:59 AM

Print PDF

CHAIN OF CUSTODY

Pg 1 of 2 Workorder # 2406D043

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

Client: Blackstone Environmentaal, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 459-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
District Office
DO3-03 @9:21am should be DO3-01 per container label. PR 6/3/24

PROJECT NAME/NUMBER	SAMPLE COLLECTOR'S NAME
3659 - Belton School District DW	KM + AR

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: DW Lead
2406D043-01	DO3 - 03	5/31/24 @ 9:21	Drinking Water	1									✓
002	DO3 - DF2	5/31/24 @ 9:21	Drinking Water	1									✓
003	DO3 - 03	5/31/24 @ 9:25	Drinking Water	1									✓
004	DO3 - 04	5/31/24 @ 9:25	Drinking Water	1									✓
005	DO3 - 05	5/31/24 @ 9:25	Drinking Water	1									✓
006	DO3 - 06	5/31/24 @ 9:25	Drinking Water	1									✓
007	DO3 - 07	5/31/24 @ 9:25	Drinking Water	1									✓
008	DO2 - 08	5/31/24 @ 9:33	Drinking Water	1									✓
009	DO2 - DF9	5/31/24 @ 9:33	Drinking Water	1									✓
010	DO2 - 10	5/31/24 @ 9:34	Drinking Water	1									✓
011	DO2 - 11	5/31/24 @ 9:35	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/31/24 @ 1045	[signature]	5/31/24 1047
[signature]	5/31/24 1600	[signature] (x4)	6/1/24 1415

*The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions

Print PDF

CHAIN OF CUSTODY

Pg 2 of 2 Workorder # 24060043

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

Client: Blackstone Environmentaal, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 459-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
District Office

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24060043 OVL	DO1 - DF12	5/31/24 @ 9:39	Drinking Water	1									✓
013	DO1 - 013	5/31/24 @ 9:39	Drinking Water	1									✓
014	DO1 - S14	5/31/24 @ 9:41	Drinking Water	1									✓
015	DO1 - S15	5/31/24 @ 9:41	Drinking Water	1									✓
016	DO1 - S16	5/31/24 @ 9:46	Drinking Water	1									✓
017	DO1 - S17	5/31/24 @ 9:51	Drinking Water	1									✓
018	DO1 - S18	5/31/24 @ 9:54	Drinking Water	1									✓
019	DO1 - 019	5/31/24 @ 9:54	Drinking Water	1									✓
020	DO1 - S20	5/31/24 @ 9:57	Drinking Water	1									✓
			Drinking Water										
			Drinking Water										

Relinquished By	Date/Time	Received By	Date/Time
[signature]	5/31/24 @ 1045	[signature]	5/31/24 1047
[signature]	5/31/24 1600	Nick Reed (24)	6/1/24 1415

*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

June 28, 2024

Mr. Steven Troutwine
Belton School District #124
Director of Facilities

RE: Belton School District #124 – Drinking Water Testing Services
Gladden Elementary
405 Westover Road

Dear Mr. Troutwine:

Blackstone Environmental Inc., (Blackstone) has been contracted by the Belton School District #24 to provide lead in drinking water sampling for the high-priority potable water sources throughout the school district. The objective of the sampling was to determine the lead concentrations in these potable water sources throughout the school district and to identify sources exceeding the Missouri SB681 Action Level of 5 µg/L (parts per billion (ppb)).

Background

Testing and reporting has been conducted in accordance with Missouri State Statute 160-077, Get the Lead Out of School Drinking Water Act, and included sampling of potable water fixtures used for drinking or food preparation including water fountains, faucets, taps, ice making machines, hot drink machines, and outlets used for dispensing water for cooking or for cleaning cooking and eating utensils.

Field Sampling

Field sampling procedures included preparing an inventory of drinking water outlets and outlets that are used for dispensing water for cooking or for cleaning cooking and eating utensils. Each of these locations are marked on the facility maps included in Attachment A.

Each water source was flushed for a minimum of five minutes. Signage was then attached to the source to prevent it from being used prior to sample collection. Between 8 and 18 hours after the source was flushed, Blackstone personnel returned to collect a water sample into laboratory supplied 250-mL sample containers for analysis of total lead concentration by EPA Method 200.8. New nitrile gloves were worn for each sample collection. Labels were prepared and affixed to each sampling container stating the sample location, technicians name, and date and time of sample collection. Field forms were prepared for each school to document pertinent information including sample identification, type of source, time flushed, and time sampled. Field information forms are included in Attachment B.

Once sampling was complete, the samples were transferred under proper chain-of-custody procedures to TekLab, Inc. of Collinsville, Illinois for analysis.

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Analytical Summary

A total of 61 water samples were collected from Gladden Elementary located at 405 Westover Road. A summary table is included in Attachment C. Of the 61 samples collected, 4 exceeded the Missouri SB681 Action Level for lead of 5 ppb as shown in the table below. Sample locations that exceeded the Action Level for lead are also identified on the facility maps in Attachment A.

Summary of Lead Results Exceeding Action Levels

Sample ID	Location Description	Lead Concentration
GE1-S19	Sink in Room 25	48.2
GE1-O40	Bubbler in Work Room 12	10.0
GE1-S41	Sink in Room 11	11.3
GE1-O45	Ice Make in Lounge	27.0

*Concentrations in µg/L

A copy of the laboratory analytical report is included as Attachment D.

Recommendations

Recommendations for those water sources that exceed the action levels include removal of the location from services, or filtering, depending on the individual results.

Limitations

This report was prepared in accordance with that level of skill and care ordinarily exercised by other members of Blackstone's profession practicing in the same locality and under similar conditions when the services were provided. No warranties, express or implied, are intended or made.

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Closing

If you have any questions, or need further assistance, please contact Lindsay James at 913-522-0370.

Respectfully,
BLACKSTONE ENVIRONMENTAL, INC.

Kaley S. Muir
Environmental Chemist

John Paul Knightly, CHMM
Senior Project Manager

Enclosures Attachment A – Facility Maps
Attachment B – Field Forms
Attachment C – Summary Table
Attachment D – Laboratory Analytical Report

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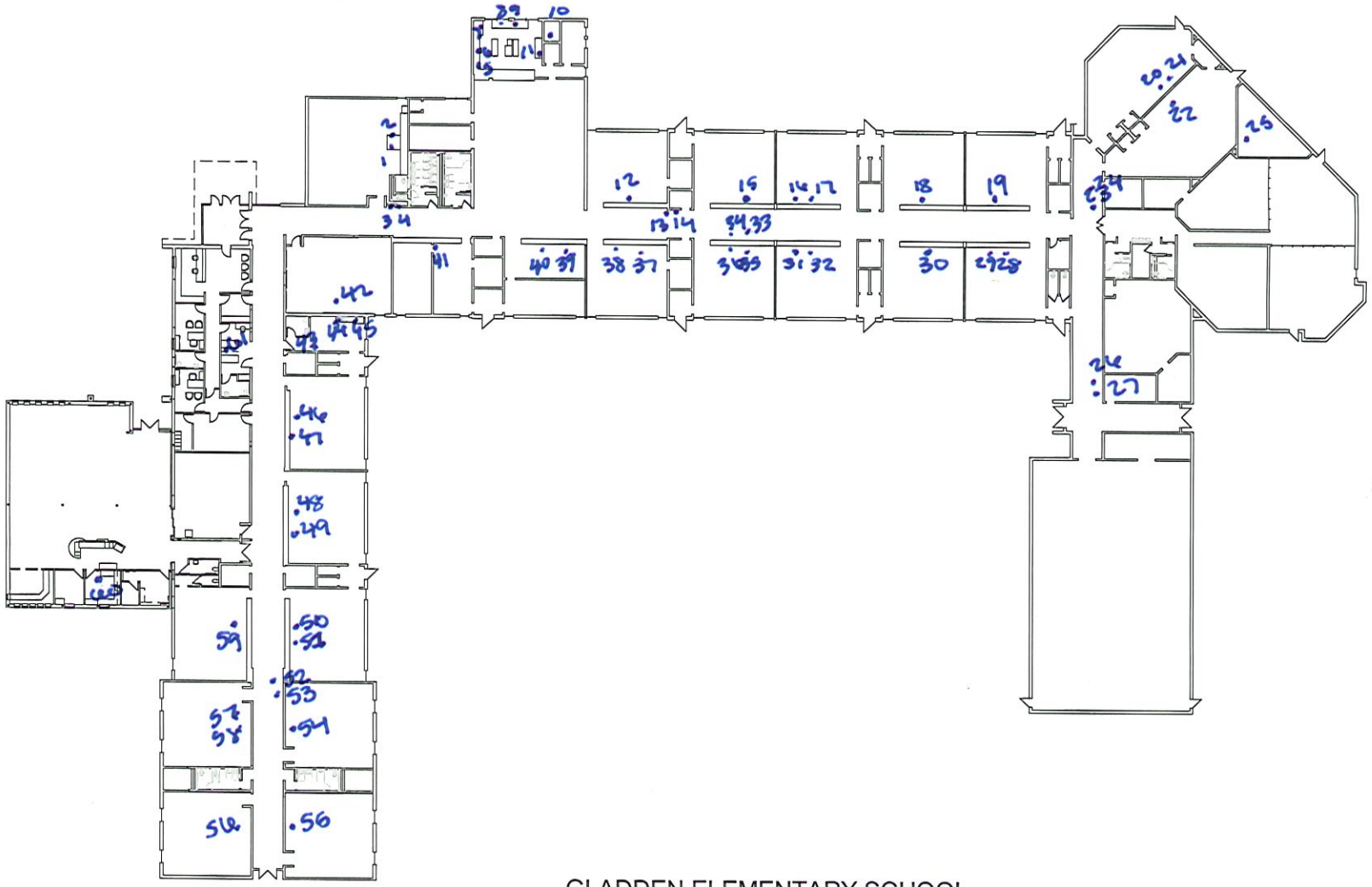
BLACKSTONE ENVIRONMENTAL

ATTACHMENT A

Gladden Elementary
Facility Maps

GE

61 samples



GLADDEN ELEMENTARY SCHOOL

BELTON, MISSOURI

NORTH Scale: 1/32" = 1'-0"

BLACKSTONE ENVIRONMENTAL

ATTACHMENT B

Gladden Elementary
Field Forms

Missouri School Districts DW

Date Purged 5/28
Date Sampled 5/29

School Glaeden Elem

Team AR + KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
1	1	X			art room front sink	13:05	9:03
2	1	X			art room back sink	13:05	9:03
3	1			X	filler by art room	13:05	9:04
4	1		X		fountain by art room	13:05	9:04
5	1	X			sink w/ sprayer	13:10	9:06
6	1			X	dishwasher	13:10	9:06
7	1			X	ice machine	13:10	9:08
8	1	X			dish sink (l)	13:10	9:09
9	1	X			dish sink (r)	13:10	9:09
10	1	X			hand wash sink	13:10	9:10
11	1	X			prep sink	13:10	9:10
12	1	X			29 sink	13:15	9:12
13	1			X	filler by 28	13:15	9:13
14	1		X		fountain by 28	13:15	9:13
15	1	X			28 sink	13:16	9:14
16	1	X			27 sink	13:16	9:14
17	1			X	27 bubbler	13:16	9:14
18	1	X			26 sink	13:16	9:15
19	1	X			25 sink	13:16	9:15
20	1	X			24 sink	13:23	9:16
21	1			X	24 bubbler	13:23	9:16
22	1	X			23 sink	13:23	9:17
23	1			X	filler by SPED office	13:24	9:18
24	1		X		fountain by SPED office	13:24	9:18

Missouri School Districts DW

Date Purged 5/28
Date Sampled 5/29

School Gladden Elem

Team AR + KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
25	1	X			21 sink	13:28	9:19
26	1			X	filler by gym	13:33	9:20
27	1		X		fountain by gym	13:33	9:20
28	1	X			17 sink	13:34	9:21
29	1			X	17 bubbler	13:34	9:21
30	1	X			16 sink	13:34	9:22
31	1	X			15 sink	13:35	9:23
32	1			X	15 bubbler	13:35	9:23
33	1			X	filler by 15	13:39	9:24
34	1		X		fountain by 15	13:39	9:24
35	1	X			14 sink	13:40	9:25
36	1			X	14 bubbler	13:40	9:25
37	1	X			13 sink	13:41	9:26
38	1			X	13 bubbler	13:41	9:26
39	1	X			12 work room sink	13:44	9:28
40	1			X	12 work room bubbler	13:44	9:28
41	1	X			11 sink	13:44	9:29
42	1	X			10 sink	13:47	9:30
43	1			X	lounge water dispenser	13:48	9:31
44	1	X			lounge sink	13:48	9:31
45	1			X	lounge ice maker	13:48	9:31
46	1	X			9 sink	13:52	9:33
47	1			X	9 bubbler	13:52	9:33
48	1	X			8 sink	13:52	9:34

Missouri School Districts DW

Date Purged 5/28
Date Sampled

School Gladden Elem

Team QR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
49	1			X	8 bubbler	13:52	9:34
50	1	X			7 sink	13:56	9:36
51	1			X	7 bubbler	13:56	9:36
52	1			X	filler by 7	13:56	9:37
53	1		X		fountain by 7	13:56	9:37
54	1	X			6 sink	13:57	9:38
55	1	X			5 sink	13:58	9:38
56	1	X			4 sink	13:58	9:39
57	1	X			3 sink	13:59	9:40
58	1	X		X	3 bubbler	13:59	9:40
59	1	X			2 sink	14:00	9:41
60	1	X			media center office sink	14:00	9:42
61	1	X			nurse sink	14:05	9:42

BLACKSTONE ENVIRONMENTAL

ATTACHMENT C

Gladden Elementary
Summary Table

Summary Table
Gladden Elementary

Sample ID	Date	Analyte	Result	Unit	Reporting Limit
GE1-S1	5/29/2024	Lead	ND	µg/L	1
GE1-S2	5/29/2024	Lead	ND	µg/L	1
GE1-03	5/29/2024	Lead	ND	µg/L	1
GE1-DF4	5/29/2024	Lead	ND	µg/L	1
GE1-S5	5/29/2024	Lead	ND	µg/L	1
GE1-06	5/29/2024	Lead	ND	µg/L	1
GE1-07	5/29/2024	Lead	ND	µg/L	1
GE1-S8	5/29/2024	Lead	ND	µg/L	1
GE1-S9	5/29/2024	Lead	ND	µg/L	1
GE1-S10	5/29/2024	Lead	**1.6**	µg/L	1
GE1-S11	5/29/2024	Lead	ND	µg/L	1
GE1-S12	5/29/2024	Lead	**2.3**	µg/L	1
GE1-013	5/29/2024	Lead	ND	µg/L	1
GE1-DF14	5/29/2024	Lead	ND	µg/L	1
GE1-S15	5/29/2024	Lead	**1.5**	µg/L	1
GE1-S16	5/29/2024	Lead	ND	µg/L	1
GE1-017	5/29/2024	Lead	ND	µg/L	1
GE1-S18	5/29/2024	Lead	**48.2**	µg/L	1
GE1-S19	5/29/2024	Lead	ND	µg/L	1
GE1-S20	5/29/2024	Lead	ND	µg/L	1
GE1-021	5/29/2024	Lead	**4.1**	µg/L	1
GE1-S22	5/29/2024	Lead	ND	µg/L	1
GE1-023	5/29/2024	Lead	ND	µg/L	1
GE1-DF24	5/29/2024	Lead	ND	µg/L	1
GE1-S25	5/29/2024	Lead	**3.3**	µg/L	1
GE1-026	5/29/2024	Lead	ND	µg/L	1
GE1-DF27	5/29/2024	Lead	ND	µg/L	1
GE1-S28	5/29/2024	Lead	ND	µg/L	1
GE1-029	5/29/2024	Lead	ND	µg/L	1
GE1-S30	5/29/2024	Lead	ND	µg/L	1
GE1-S31	5/29/2024	Lead	ND	µg/L	1
GE1-032	5/29/2024	Lead	ND	µg/L	1
GE1-033	5/29/2024	Lead	ND	µg/L	1
GE1-DF34	5/29/2024	Lead	ND	µg/L	1
GE1-S35	5/29/2024	Lead	ND	µg/L	1
GE1-036	5/29/2024	Lead	ND	µg/L	1
GE1-S37	5/29/2024	Lead	ND	µg/L	1
GE1-038	5/29/2024	Lead	ND	µg/L	1
GE1-S39	5/29/2024	Lead	**1.3**	µg/L	1
GE1-040	5/29/2024	Lead	**10.0**	µg/L	1
GE1-S41	5/29/2024	Lead	**11.3**	µg/L	1
GE1-S42	5/29/2024	Lead	ND	µg/L	1
GE1-043	5/29/2024	Lead	ND	µg/L	1

GE1-S44	5/29/2024	Lead	ND	µg/L	1
GE1-045	5/29/2024	Lead	**27.0**	µg/L	1
GE1-S46	5/29/2024	Lead	ND	µg/L	1
GE1-047	5/29/2024	Lead	ND	µg/L	1
GE1-S48	5/29/2024	Lead	ND	µg/L	1
GE1-049	5/29/2024	Lead	ND	µg/L	1
GE1-S50	5/29/2024	Lead	**1.3**	µg/L	1
GE1-051	5/29/2024	Lead	ND	µg/L	1
GE1-052	5/29/2024	Lead	ND	µg/L	1
GE1-DF53	5/29/2024	Lead	ND	µg/L	1
GE1-S54	5/29/2024	Lead	ND	µg/L	1
GE1-S55	5/29/2024	Lead	**1.3**	µg/L	1
GE1-S56	5/29/2024	Lead	**2.8**	µg/L	1
GE1-S57	5/29/2024	Lead	ND	µg/L	1
GE1-058	5/29/2024	Lead	ND	µg/L	1
GE1-S59	5/29/2024	Lead	**2.3**	µg/L	1
GE1-S60	5/29/2024	Lead	ND	µg/L	1
GE1-S61	5/29/2024	Lead	ND	µg/L	1

µg/L: micrograms per liter
Bolded results indicate detection above reporting limits
Results in red indicate Action Level of 5 ppb for lead is exceeded

BLACKSTONE ENVIRONMENTAL

ATTACHMENT D

Gladden Elementary
Laboratory Analytical Report

June 12, 2024

Kaley Muir
Blackstone Environmental, Inc.
16200 Foster Street
Overland Park, KS 66085
TEL: (913) 495-9990
FAX:

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

RE: 3659 - Belton School District DW-Gladden Elem **WorkOrder:** 24052471

Dear Kaley Muir:

TEKLAB, INC received 61 samples on 5/31/2024 12:55:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Patrick Riley

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

Report Contents

Client: Blackstone Environmental, Inc.
Work Order: 24052471
Client Project: 3659 - Belton School District DW-Gladden Elem
Report Date: 12-Jun-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	9
Chain of Custody	Appended

Client: Blackstone Environmental, Inc. **Work Order:** 24052471

Client Project: 3659 - Belton School District DW-Gladden Elem **Report Date:** 12-Jun-24

Abbr Definition

*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Blackstone Environmental, Inc. **Work Order:** 24052471

Client Project: 3659 - Belton School District DW-Gladden Elem **Report Date:** 12-Jun-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: Blackstone Environmental, Inc.
Work Order: 24052471

Client Project: 3659 - Belton School District DW-Gladden Elem
Report Date: 12-Jun-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: Blackstone Environmental, Inc. **Work Order:** 24052471

Client Project: 3659 - Belton School District DW-Gladden Elem **Report Date:** 12-Jun-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Blackstone Environmental, Inc. **Work Order:** 24052471

Client Project: 3659 - Belton School District DW-Gladden Elem **Report Date:** 12-Jun-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									
24052471-001A	GE1-S1	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 18:27	05/29/2024 9:03
24052471-002A	GE1-S2	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 18:31	05/29/2024 9:03
24052471-003A	GE1-03	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 18:36	05/29/2024 9:04
24052471-004A	GE1-DF4	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 18:40	05/29/2024 9:04
24052471-005A	GE1-S5	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 10:57	05/29/2024 9:06
24052471-006A	GE1-06	NELAP		1.0	**< 1.0**	µg/L	1	06/05/2024 11:52	05/29/2024 9:06
24052471-007A	GE1-07	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 11:27	05/29/2024 9:08
24052471-008A	GE1-S8	NELAP		1.0	**< 1.0**	µg/L	1	06/05/2024 11:55	05/29/2024 9:09
24052471-009A	GE1-S9	NELAP		1.0	**< 1.0**	µg/L	1	06/05/2024 11:59	05/29/2024 9:09
24052471-010A	GE1-S10	NELAP		1.0	**1.6**	µg/L	5	06/10/2024 11:32	05/29/2024 9:10
24052471-011A	GE1-S11	NELAP		1.0	**< 1.0**	µg/L	1	06/05/2024 12:02	05/29/2024 9:10
24052471-012A	GE1-S12	NELAP		1.0	**2.3**	µg/L	5	06/10/2024 11:57	05/29/2024 9:12
24052471-013A	GE1-013	NELAP		1.0	**< 1.0**	µg/L	1	06/05/2024 12:05	05/29/2024 9:13
24052471-014A	GE1-DF14	NELAP		1.0	**< 1.0**	µg/L	1	06/05/2024 12:09	05/29/2024 9:13
24052471-015A	GE1-S15	NELAP		1.0	**1.5**	µg/L	1	06/05/2024 12:16	05/29/2024 9:14
24052471-016A	GE1-S16	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 11:36	05/29/2024 9:14
24052471-017A	GE1-017	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 15:02	05/29/2024 9:14
24052471-018A	GE1-S18	NELAP		1.0	**48.2**	µg/L	5	06/10/2024 11:40	05/29/2024 9:15
24052471-019A	GE1-S19	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 11:45	05/29/2024 9:15
24052471-020A	GE1-S20	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 14:52	05/29/2024 9:16
24052471-021A	GE1-021	NELAP		1.0	**4.1**	µg/L	1	06/06/2024 12:36	05/29/2024 9:16
24052471-022A	GE1-S22	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 11:49	05/29/2024 9:17
24052471-023A	GE1-023	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 14:55	05/29/2024 9:18
24052471-024A	GE1-DF24	NELAP		1.0	**< 1.0**	µg/L	1	06/05/2024 13:38	05/29/2024 9:18
24052471-025A	GE1-S25	NELAP		1.0	**3.3**	µg/L	1	06/05/2024 13:41	05/29/2024 9:19
24052471-026A	GE1-026	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 14:21	05/29/2024 9:20
24052471-027A	GE1-DF27	NELAP		1.0	**< 1.0**	µg/L	1	06/05/2024 13:45	05/29/2024 9:20
24052471-028A	GE1-S28	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 11:53	05/29/2024 9:21
24052471-029A	GE1-029	NELAP		1.0	**< 1.0**	µg/L	1	06/05/2024 13:48	05/29/2024 9:21
24052471-030A	GE1-S30	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 12:36	05/29/2024 9:22
24052471-031A	GE1-S31	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 12:41	05/29/2024 9:23
24052471-032A	GE1-032	NELAP		1.0	**< 1.0**	µg/L	1	06/05/2024 13:51	05/29/2024 9:23
24052471-033A	GE1-033	NELAP		1.0	**< 1.0**	µg/L	1	06/05/2024 13:55	05/29/2024 9:24
24052471-034A	GE1-DF34	NELAP		1.0	**< 1.0**	µg/L	1	06/05/2024 13:58	05/29/2024 9:24
24052471-035A	GE1-S35	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 12:45	05/29/2024 9:25
24052471-036A	GE1-036	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 15:52	05/29/2024 9:25
24052471-037A	GE1-S37	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 12:49	05/29/2024 9:26
24052471-038A	GE1-038	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 12:58	05/29/2024 9:26
24052471-039A	GE1-S39	NELAP		1.0	**1.3**	µg/L	5	06/10/2024 12:53	05/29/2024 9:28
24052471-040A	GE1-040	NELAP		1.0	**10.0**	µg/L	1	06/07/2024 15:27	05/29/2024 9:28
24052471-041A	GE1-S41	NELAP		1.0	**11.3**	µg/L	5	06/10/2024 13:24	05/29/2024 9:29
24052471-042A	GE1-S42	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 13:28	05/29/2024 9:30
24052471-043A	GE1-043	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 15:31	05/29/2024 9:31
24052471-044A	GE1-S44	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 15:36	05/29/2024 9:31
24052471-045A	GE1-045	NELAP		1.0	**27.0**	µg/L	5	06/11/2024 8:07	05/29/2024 9:31
24052471-046A	GE1-S46	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 13:37	05/29/2024 9:33
24052471-047A	GE1-047	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 15:40	05/29/2024 9:33
24052471-048A	GE1-S48	NELAP		1.0	**< 1.0**	µg/L	5	06/11/2024 8:11	05/29/2024 9:34

Client: Blackstone Environmental, Inc. **Work Order:** 24052471

Client Project: 3659 - Belton School District DW-Gladden Elem **Report Date:** 12-Jun-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									
24052471-049A	GE1-049	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 15:44	05/29/2024 9:34
24052471-050A	GE1-S50	NELAP		1.0	**1.3**	µg/L	1	06/07/2024 15:48	05/29/2024 9:36
24052471-051A	GE1-051	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 16:17	05/29/2024 9:36
24052471-052A	GE1-052	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 16:21	05/29/2024 9:37
24052471-053A	GE1-DF53	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 16:25	05/29/2024 9:37
24052471-054A	GE1-S54	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 13:45	05/29/2024 9:38
24052471-055A	GE1-S55	NELAP		1.0	**1.3**	µg/L	5	06/10/2024 13:50	05/29/2024 9:38
24052471-056A	GE1-S56	NELAP		1.0	**2.8**	µg/L	5	06/10/2024 14:20	05/29/2024 9:38
24052471-057A	GE1-S57	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 13:54	05/29/2024 9:39
24052471-058A	GE1-058	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 16:29	05/29/2024 9:40
24052471-059A	GE1-S59	NELAP		1.0	**2.3**	µg/L	5	06/10/2024 14:24	05/29/2024 9:41
24052471-060A	GE1-S60	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 16:45	05/29/2024 9:42
24052471-061A	GE1-S61	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 14:28	05/29/2024 0:00

Receiving Check List

http://www.teklabinc.com/

Client: Blackstone Environmental, Inc.
Work Order: 24052471
Client Project: 3659 - Belton School District DW-Gladden Elem
Report Date: 12-Jun-24

Carrier: Crossroads
Received By: LM

Completed by: Amber Dilallo
On: 31-May-24

Reviewed by: Patrick Riley
On: 31-May-24

Pages to follow: Chain of custody 6 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 - 5/31/2024 2:10:59 PM

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CHAIN OF CUSTODY

Pg 1 of 6 Workorder # 24052471

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Gladden Elementary

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24052471-001	GE1 - S1	5/29/24 @ 903	Drinking Water	1									✓
002	GE1 - S7	5/29/24 @ 903	Drinking Water	1									✓
003	GE1 - 03	5/29/24 @ 904	Drinking Water	1									✓
004	GE1 - DF4	5/29/24 @ 904	Drinking Water	1									✓
005	GE1 - S5	5/29/24 @ 906	Drinking Water	1									✓
006	GE1 - 06	5/29/24 @ 906	Drinking Water	1									✓
007	GE1 - 07	5/29/24 @ 908	Drinking Water	1									✓
008	GE1 - S8	5/29/24 @ 909	Drinking Water	1									✓
009	GE1 - S9	5/29/24 @ 909	Drinking Water	1									✓
010	GE1 - S10	5/29/24 @ 910	Drinking Water	1									✓
011	GE1 - S11	5/29/24 @ 910	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @800	K. Muir	5/30/24 1216
[signature]	5/30/24 1608	[signature] (KK)	5/31/24 1255

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Pg 1 of 6 Workorder # 24052471

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City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Gladden Elementary

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24052471 012	GE1 - S12	5/29/24 @ 912	Drinking Water	1									✓
013	GE1 - 013	5/29/24 @ 913	Drinking Water	1									✓
014	GE1 - DF14	5/29/24 @ 913	Drinking Water	1									✓
015	GE1 - S15	5/29/24 @ 914	Drinking Water	1									✓
016	GE1 - S16	5/29/24 @ 914	Drinking Water	1									✓
017	GE1 - 017	5/29/24 @ 914	Drinking Water	1									✓
018	GE1 - S18	5/29/24 @ 915	Drinking Water	1									✓
019	GE1 - S19	5/29/24 @ 915	Drinking Water	1									✓
020	GE1 - S20	5/29/24 @ 916	Drinking Water	1									✓
021	GE1 - 021	5/29/24 @ 916	Drinking Water	1									✓
022	GE1 - S22	5/29/24 @ 917	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @ 800	[signature]	5/30/24 1216
[signature]	5/30/24 1600	[signature] (XX)	5/31/24 1255

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Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Gladden Elementary

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24052471 023	GE1 - 023	5/29/24 @ 918	Drinking Water	1									✓
024	GE1 - DF24	5/29/24 @ 918	Drinking Water	1									✓
025	GE1 - 525	5/29/24 @ 919	Drinking Water	1									✓
026	GE1 - 026	5/29/24 @ 920	Drinking Water	1									✓
027	GE1 - DF27	5/29/24 @ 920	Drinking Water	1									✓
028	GE1 - 528	5/29/24 @ 921	Drinking Water	1									✓
029	GE1 - 029	5/29/24 @ 921	Drinking Water	1									✓
030	GE1 - 530	5/29/24 @ 922	Drinking Water	1									✓
031	GE1 - 531	5/29/24 @ 923	Drinking Water	1									✓
032	GE1 - 032	5/29/24 @ 923	Drinking Water	1									✓
033	GE1 - 033	5/29/24 @ 924	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
	5/30/24 @		5/30/24 12/6
	5/31/24 1600		5/31/24 1255

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Pg 1 of 6 Workorder # 24052471

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Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Gladden Elementary

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24052471 034	GE1 - DF34	5/29/24 @ 924	Drinking Water	1									✓
035	GE1 - 535	5/29/24 @ 925	Drinking Water	1									✓
036	GE1 - 036	5/29/24 @ 925	Drinking Water	1									✓
037	GE1 - 537	5/29/24 @ 926	Drinking Water	1									✓
038	GE1 - 038	5/29/24 @ 926	Drinking Water	1									✓
039	GE1 - 539	5/29/24 @ 928	Drinking Water	1									✓
040	GE1 - 040	5/29/24 @ 928	Drinking Water	1									✓
041	GE1 - 541	5/29/24 @ 929	Drinking Water	1									✓
042	GE1 - 542	5/29/24 @ 930	Drinking Water	1									✓
043	GE1 - 043	5/29/24 @ 931	Drinking Water	1									✓
044	GE1 - 544	5/29/24 @ 931	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @ 800		5/30/24 1216
	5/30/24 1600	(XX)	5/31/24 1255

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Pg 5 of 6 Workorder # 24052471

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Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Gladden Elementary

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24052471 045	GE1 - 045	5/29/24 @ 931	Drinking Water	1									✓
046	GE1 - 046	5/29/24 @ 933	Drinking Water	1									✓
047	GE1 - 047	5/29/24 @ 933	Drinking Water	1									✓
048	GE1 - 048	5/29/24 @ 934	Drinking Water	1									✓
049	GE1 - 049	5/29/24 @ 934	Drinking Water	1									✓
050	GE1 - 050	5/29/24 @ 936	Drinking Water	1									✓
051	GE1 - 051	5/29/24 @ 936	Drinking Water	1									✓
052	GE1 - 052	5/29/24 @ 937	Drinking Water	1									✓
053	GE1 - DF53	5/29/24 @ 937	Drinking Water	1									✓
054	GE1 - 054	5/29/24 @ 938	Drinking Water	1									✓
055	GE1 - 055	5/29/24 @ 938	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @ 800		5/30/24 1216
	5/30/24 1600		5/31/24 1255

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CHAIN OF CUSTODY

Pg 1 of 6 Workorder # 24052471

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Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Gladden Elementary

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24052471-056	GE1 - S56	5/29/24 @ 930	Drinking Water	1									✔
057	GE1 - S57	5/29/24 @ 934	Drinking Water	1									✔
058	GE1 - 058	5/29/24 @ 940	Drinking Water	1									✔
059	GE1 - S59	5/29/24 @ 945	Drinking Water	1									✔
060	GE1 - S60	5/29/24 @ 947	Drinking Water	1									✔
061	GE1 - S61	5/29/24 @	Drinking Water	1									✔
	GE1 -	5/29/24 @	Drinking Water	1									✔
	GE1 -	5/29/24 @	Drinking Water	1									✔
	GE1 -	5/29/24 @	Drinking Water	1									✔
	GE1 -	5/29/24 @	Drinking Water	1									✔
	GE1 -	5/29/24 @	Drinking Water	1									✔

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @ 800	[illegible]	5/30/[illegible]
[illegible]	5/30/24 1600	[illegible] (XX)	5/31/24 1255

*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

June 28, 2024

Mr. Steven Troutwine
Belton School District #124
Director of Facilities

RE: Belton School District #124 – Drinking Water Testing Services
Grace Early Childhood Center
614 West Mill Street

Dear Mr. Troutwine:

Blackstone Environmental Inc., (Blackstone) has been contracted by the Belton School District #24 to provide lead in drinking water sampling for the high-priority potable water sources throughout the school district. The objective of the sampling was to determine the lead concentrations in these potable water sources throughout the school district and to identify sources exceeding the Missouri SB681 Action Level of 5 µg/L (parts per billion (ppb)).

Background

Testing and reporting have been conducted in accordance with Missouri State Statute 160-077, Get the Lead Out of School Drinking Water Act, and included sampling of potable water fixtures used for drinking or food preparation including water fountains, faucets, taps, ice making machines, hot drink machines, and outlets used for dispensing water for cooking or for cleaning cooking and eating utensils.

Field Sampling

Field sampling procedures included preparing an inventory of drinking water outlets and outlets that are used for dispensing water for cooking or for cleaning cooking and eating utensils. Each of these locations are marked on the facility maps included in Attachment A.

Each water source was flushed for a minimum of five minutes. Signage was then attached to the source to prevent it from being used prior to sample collection. Between 8 and 18 hours after the source was flushed, Blackstone personnel returned to collect a water sample into laboratory supplied 250-mL sample containers for analysis of total lead concentration by EPA Method 200.8. New nitrile gloves were worn for each sample collection. Labels were prepared and affixed to each sampling container stating the sample location, technicians name, and date and time of sample collection. Field forms were prepared for each school to document pertinent information including sample identification, type of source, time flushed, and time sampled. Field information forms are included in Attachment B.

Once sampling was complete, the samples were transferred under proper chain-of-custody procedures to TekLab, Inc. of Collinsville, Illinois for analysis.

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Analytical Summary

A total of 46 water samples were collected from Grace Early Childhood Center located at 614 West Mill Street. A summary table is included in Attachment C. Of the 46 samples collected, none exceeded the Missouri SB681 Action Level for lead of 5 ppb.

A copy of the laboratory analytical report is included as Attachment D.

Recommendations

Based on the analytical results, no further action is recommended.

Limitations

This report was prepared in accordance with that level of skill and care ordinarily exercised by other members of Blackstone's profession practicing in the same locality and under similar conditions when the services were provided. No warranties, express or implied, are intended or made.

Closing

If you have any questions, or need further assistance, please contact John Knightly at 913-522-0370.

Respectfully,
BLACKSTONE ENVIRONMENTAL, INC.

Kaley S. Muir
Environmental Chemist

John Paul Knightly, CHMM
Senior Project Manager

Enclosures Attachment A – Facility Maps
Attachment B – Field Forms
Attachment C – Summary Table
Attachment D – Laboratory Analytical Report

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ATTACHMENT A

Grace Early Childhood Center
Facility Maps

GECC



GRACE EARLY CHILDHOOD CARE & EDUCATION CENTER

BELTON, MISSOURI

NORTH Scale: 1/16" = 1'-0"

ATTACHMENT B

Grace Early Childhood Center
Field Forms

Missouri School Districts DW

Date Purged 5/31
Date Sampled

School Grace Early

Team AR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
1	1	X			closet kitchen sink in library	19:06	8:40
2	1	X			13 sink	19:06	8:45
3	1			X	ice machine	19:11	8:45
4	1	X			corner prep sink	19:11	8:45
5	1	X			hand wash sink	19:11	8:45
6	1	X			(l) dish sink	19:11	8:46
7	1	X			(r) dish sink	19:11	8:46
8	1			X	dishwasher	19:11	8:46
9	1	X			sink w/ sprayer	19:11	8:46
10	1			X	filler by kitchen	19:12	8:47
11	1		X		fountain by kitchen	19:12	8:47
12	1	X			10 sink	19:14	8:48
13	1	X			9 sink	19:14	8:48
14	1	X			8 sink	19:16	8:49
15	1	X			14 sink	19:16	8:49
16	1	X			7 sink	19:16	8:50
17	1	X			6 sink	19:16	8:50
18	1	X			lounge sink	19:21	8:56
19	1			X	lounge dishwasher	19:21	8:54
20	1			X	lounge fridge ice machine	19:21	8:54
21	1			X	filler by P	19:26	8:58
22	1		X		fountain by	19:26	8:58
23	1	X			1 sink	19:26	8:58
24	1	X			2 sink	19:26	8:58

Missouri School Districts DW

Date Purged 5/31
Date Sampled 6/1

School Grace Early

Team AR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
25	1	X			3 sink	19:26	9:00
26	1			X	filler by 3	19:29	9:00
27	1		X		fountain by 3	19:29	9:00
28	1	X			4 sink	19:29	9:01
29	1	X			5 sink	19:29	9:01
30	1	X			CCC north room sink	19:29	9:01
31	1	X			health room sink	19:34	9:02
32	1			X	filler in infant area	19:39	9:03
33	1		X		fountain in infant area	19:39	9:03
34	1	X			sink in infant kitchen	19:39	9:03
35	1	X			CCC south room sink	19:40	9:03
36	1	X			east toddler sink	19:40	9:04
37	1	X			west toddler sink	19:40	9:04
38	1	X			11 [redacted] sink	19:46	9:12
39	1			X	11 [redacted] filler	19:46	9:12
40	1		X		11 [redacted] fountain	19:46	9:12
41	1	X			break room sink	19:46	9:12
42	1	X			12 [redacted] sink	19:46	9:12
43	1		X		main hall (L) fountain	19:52	8:43
44	1			X	main hall (L) filler	19:52	8:43
45	1		X		main hall (R) filler	19:52	8:43
46	1			X	break room dishwasher	19:46	9:12

ATTACHMENT C

Grace Early Childhood Center
Summary Table

Summary Table
Grace Early Childhood Center

Sample ID	Date	Analyte	Result	Unit	Reporting Limit
GECC1-S1	6/1/2024	Lead	ND	µg/L	1
GECC1-S2	6/1/2024	Lead	ND	µg/L	1
GECC1-O3	6/1/2024	Lead	ND	µg/L	1
GECC1-S4	6/1/2024	Lead	ND	µg/L	1
GECC1-S5	6/1/2024	Lead	ND	µg/L	1
GECC1-S6	6/1/2024	Lead	ND	µg/L	1
GECC1-S7	6/1/2024	Lead	ND	µg/L	1
GECC1-O8	6/1/2024	Lead	**2.0**	µg/L	1
GECC1-S9	6/1/2024	Lead	ND	µg/L	1
GECC1-O10	6/1/2024	Lead	ND	µg/L	1
GECC1-DF11	6/1/2024	Lead	ND	µg/L	1
GECC1-S12	6/1/2024	Lead	ND	µg/L	1
GECC1-S13	6/1/2024	Lead	ND	µg/L	1
GECC1-S14	6/1/2024	Lead	ND	µg/L	1
GECC1-S15	6/1/2024	Lead	**1.7**	µg/L	1
GECC1-S16	6/1/2024	Lead	ND	µg/L	1
GECC1-S17	6/1/2024	Lead	ND	µg/L	1
GECC1-S18	6/1/2024	Lead	ND	µg/L	1
GECC1-O19	6/1/2024	Lead	ND	µg/L	1
GECC1-O20	6/1/2024	Lead	ND	µg/L	1
GECC1-O21	6/1/2024	Lead	ND	µg/L	1
GECC1-DF22	6/1/2024	Lead	ND	µg/L	1
GECC1-S23	6/1/2024	Lead	ND	µg/L	1
GECC1-S24	6/1/2024	Lead	ND	µg/L	1
GECC1-S25	6/1/2024	Lead	ND	µg/L	1
GECC1-O26	6/1/2024	Lead	ND	µg/L	1
GECC1-DF27	6/1/2024	Lead	ND	µg/L	1
GECC1-S28	6/1/2024	Lead	ND	µg/L	1
GECC1-S29	6/1/2024	Lead	**2.6**	µg/L	1
GECC1-S30	6/1/2024	Lead	ND	µg/L	1
GECC1-S31	6/1/2024	Lead	ND	µg/L	1
GECC1-O32	6/1/2024	Lead	**1.2**	µg/L	1
GECC1-DF33	6/1/2024	Lead	ND	µg/L	1
GECC1-S34	6/1/2024	Lead	ND	µg/L	1
GECC1-S35	6/1/2024	Lead	ND	µg/L	1
GECC1-S36	6/1/2024	Lead	ND	µg/L	1
GECC1-S37	6/1/2024	Lead	ND	µg/L	1
GECC1-S38	6/1/2024	Lead	**2.3**	µg/L	1
GECC1-O39	6/1/2024	Lead	ND	µg/L	1
GECC1-DF40	6/1/2024	Lead	ND	µg/L	1
GECC1-S41	6/1/2024	Lead	ND	µg/L	1
GECC1-S42	6/1/2024	Lead	ND	µg/L	1
GECC1-DF43	6/1/2024	Lead	ND	µg/L	1

GECC1-O44	6/1/2024	Lead	ND	µg/L	1
GECC1-DF45	6/1/2024	Lead	ND	µg/L	1
GECC1-O46	6/1/2024	Lead	ND	µg/L	1

µg/L: micrograms per liter
Bolded results indicate detection above reporting limits
Results in red indicate Action Level of 5 ppb for lead is exceeded

BLACKSTONE ENVIRONMENTAL

ATTACHMENT D

Grace Early Childhood Center
Laboratory Analytical Report

June 14, 2024

Kaley Muir
Blackstone Environmental, Inc.
16200 Foster Street
Overland Park, KS 66085
TEL: (913) 495-9990
FAX:

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

RE: 3659 - Belton School District DW - Grace Early CC **WorkOrder:** 24060267

Dear Kaley Muir:

TEKLAB, INC received 46 samples on 6/4/2024 11:52:00 AM 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

Client: Blackstone Environmental, Inc.
Work Order: 24060267
Client Project: 3659 - Belton School District DW - Grace Early CC
Report Date: 14-Jun-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	8
Chain of Custody	Appended

Client: Blackstone Environmental, Inc. **Work Order:** 24060267

Client Project: 3659 - Belton School District DW - Grace Early CC **Report Date:** 14-Jun-24

Abbr	Definition
*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Blackstone Environmental, Inc. **Work Order:** 24060267

Client Project: 3659 - Belton School District DW - Grace Early CC **Report Date:** 14-Jun-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: Blackstone Environmental, Inc.
Work Order: 24060267

Client Project: 3659 - Belton School District DW - Grace Early CC
Report Date: 14-Jun-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: Blackstone Environmental, Inc. **Work Order:** 24060267

Client Project: 3659 - Belton School District DW - Grace Early CC **Report Date:** 14-Jun-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Blackstone Environmental, Inc. **Work Order:** 24060267

Client Project: 3659 - Belton School District DW - Grace Early CC **Report Date:** 14-Jun-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									
24060267-001A	GECC1-S1	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 13:04	06/01/2024 8:40
24060267-002A	GECC1-S2	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 13:07	06/01/2024 8:45
24060267-003A	GECC1-O3	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 13:11	06/01/2024 8:45
24060267-004A	GECC1-S4	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 13:14	06/01/2024 8:45
24060267-005A	GECC1-S5	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 13:18	06/01/2024 8:45
24060267-006A	GECC1-S6	NELAP		1.0	**< 1.0**	µg/L	5	06/14/2024 8:54	06/01/2024 8:46
24060267-007A	GECC1-S7	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 13:34	06/01/2024 8:46
24060267-008A	GECC1-O8	NELAP		1.0	**2.0**	µg/L	5	06/14/2024 8:58	06/01/2024 8:46
24060267-009A	GECC1-S9	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 13:21	06/01/2024 8:46
24060267-010A	GECC1-O10	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 13:30	06/01/2024 8:47
24060267-011A	GECC1-DF11	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 13:54	06/01/2024 8:47
24060267-012A	GECC1-S12	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 13:57	06/01/2024 8:48
24060267-013A	GECC1-S13	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 14:01	06/01/2024 8:48
24060267-014A	GECC1-S14	NELAP		1.0	**< 1.0**	µg/L	5	06/14/2024 9:02	06/01/2024 8:49
24060267-015A	GECC1-S15	NELAP		1.0	**1.7**	µg/L	5	06/14/2024 9:06	06/01/2024 8:49
24060267-016A	GECC1-S16	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 14:04	06/01/2024 8:50
24060267-017A	GECC1-S17	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 14:08	06/01/2024 8:50
24060267-018A	GECC1-S18	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 14:18	06/01/2024 8:56
24060267-019A	GECC1-O19	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 14:11	06/01/2024 8:54
24060267-020A	GECC1-O20	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 14:14	06/01/2024 8:54
24060267-021A	GECC1-O21	NELAP		1.0	**< 1.0**	µg/L	1	06/13/2024 9:46	06/01/2024 8:58
24060267-022A	GECC1-DF22	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 18:48	06/01/2024 8:58
24060267-023A	GECC1-S23	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 18:52	06/01/2024 8:58
24060267-024A	GECC1-S24	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 19:23	06/01/2024 8:58
24060267-025A	GECC1-S25	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 19:27	06/01/2024 9:00
24060267-026A	GECC1-O26	NELAP		1.0	**< 1.0**	µg/L	1	06/13/2024 9:25	06/01/2024 9:00
24060267-027A	GECC1-DF27	NELAP		1.0	**< 1.0**	µg/L	1	06/13/2024 9:29	06/01/2024 9:00
24060267-028A	GECC1-S28	NELAP		1.0	**< 1.0**	µg/L	1	06/13/2024 9:33	06/01/2024 9:01
24060267-029A	GECC1-S29	NELAP		1.0	**2.6**	µg/L	1	06/13/2024 9:37	06/01/2024 9:01
24060267-030A	GECC1-S30	NELAP		1.0	**< 1.0**	µg/L	1	06/13/2024 9:42	06/01/2024 9:01
24060267-031A	GECC1-S31	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 20:19	06/01/2024 9:02
24060267-032A	GECC1-O32	NELAP		1.0	**1.2**	µg/L	1	06/13/2024 10:12	06/01/2024 9:03
24060267-033A	GECC1-DF33	NELAP		1.0	**< 1.0**	µg/L	1	06/13/2024 10:16	06/01/2024 9:03
24060267-034A	GECC1-S34	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 20:32	06/01/2024 9:03
24060267-035A	GECC1-S35	NELAP		1.0	**< 1.0**	µg/L	1	06/13/2024 10:21	06/01/2024 9:03
24060267-036A	GECC1-S36	NELAP		1.0	**< 1.0**	µg/L	1	06/13/2024 10:25	06/01/2024 9:04
24060267-037A	GECC1-S37	NELAP		1.0	**< 1.0**	µg/L	1	06/13/2024 10:29	06/01/2024 9:04
24060267-038A	GECC1-S38	NELAP		1.0	**2.3**	µg/L	1	06/12/2024 15:52	06/01/2024 9:12
24060267-039A	GECC1-O39	NELAP		1.0	**< 1.0**	µg/L	1	06/12/2024 15:57	06/01/2024 9:12
24060267-040A	GECC1-DF40	NELAP		1.0	**< 1.0**	µg/L	1	06/12/2024 16:22	06/01/2024 9:12
24060267-041A	GECC1-S41	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 1:52	06/01/2024 9:12
24060267-042A	GECC1-S42	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 1:57	06/01/2024 9:12
24060267-043A	GECC1-DF43	NELAP		1.0	**< 1.0**	µg/L	1	06/12/2024 7:20	06/01/2024 8:43
24060267-044A	GECC1-O44	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 11:11	06/01/2024 8:43
24060267-045A	GECC1-DF45	NELAP		1.0	**< 1.0**	µg/L	1	06/12/2024 7:11	06/01/2024 8:43
24060267-046A	GECC1-O46	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 2:36	06/01/2024 9:12

Receiving Check List

http://www.teklabinc.com/

Client: Blackstone Environmental, Inc.
Work Order: 24060267
Client Project: 3659 - Belton School District DW - Grace Early CC
Report Date: 14-Jun-24

Carrier: Crossroads
Received By: AMD

Completed by: Amber Dilallo
On: 04-Jun-24

Reviewed by: Elizabeth A. Hurley
On: 04-Jun-24

Pages to follow: Chain of custody 5 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.

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CHAIN OF CUSTODY

Pg 1 of 5 Workorder # 2406026

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Grace Early Childhood Care

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
2406026-001	GECC1 - S1	6/1/24 @ 840	Drinking Water	1									✓
002	GECC1 - S2	6/1/24 @ 845	Drinking Water	1									✓
003	GECC1 - 03	6/1/24 @ 845	Drinking Water	1									✓
004	GECC1 - S4	6/1/24 @ 845	Drinking Water	1									✓
005	GECC1 - S5	6/1/24 @ 845	Drinking Water	1									✓
006	GECC1 - S6	6/1/24 @ 846	Drinking Water	1									✓
007	GECC1 - S7	6/1/24 @ 846	Drinking Water	1									✓
008	GECC1 - 08	6/1/24 @ 846	Drinking Water	1									✓
009	GECC1 - S9	6/1/24 @ 846	Drinking Water	1									✓
010	GECC1 - 010	6/1/24 @ 847	Groundwater	1									✓
011	GECC1 - DF11	6/1/24 @ 847	Groundwater	1									✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	6/3/24 @ 1130	[signature]	6/3/24 1210
[signature]	6/3/24 1601	[signature] XX	6/4/24 1152

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CHAIN OF CUSTODY

Pg 2 of 3 Workorder # 240602G7

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Grace Early Childhood Care

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
240602G7-012	GECC1 - S12	6/1/24 @ 848	Drinking Water	1									✓
013	GECC1 - S13	6/1/24 @ 848	Drinking Water	1									✓
014	GECC1 - S14	6/1/24 @ 849	Drinking Water	1									✓
015	GECC1 - S15	6/1/24 @ 849	Drinking Water	1									✓
016	GECC1 - S16	6/1/24 @ 850	Drinking Water	1									✓
017	GECC1 - S17	6/1/24 @ 850	Drinking Water	1									✓
018	GECC1 - S18	6/1/24 @ 856	Drinking Water	1									✓
019	GECC1 - 019	6/1/24 @ 854	Drinking Water	1									✓
020	GECC1 - 020	6/1/24 @ 854	Drinking Water	1									✓
021	GECC1 - 021	6/1/24 @ 858	Groundwater	1									✓
022	GECC1 - DF22	6/1/24 @ 858	Groundwater	1									✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	6/3/24 @ 1130	[signature]	6/3/24 1210
[signature]	6/3/24 1600	[signature] XX	6/4/24 1152

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CHAIN OF CUSTODY

Pg 3 of 5 Workorder # 24060267

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Grace Early Childhood Care

PROJECT NAME/NUMBER
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24060267 023	GECC1 - S23	6/1/24 @ 858	Drinking Water	1									✓
024	GECC1 - S24	6/1/24 @ 858	Drinking Water	1									✓
025	GECC1 - S25	6/1/24 @ 900	Drinking Water	1									✓
026	GECC1 - 026	6/1/24 @ 900	Drinking Water	1									✓
027	GECC1 - DF27	6/1/24 @ 900	Drinking Water	1									✓
028	GECC1 - S28	6/1/24 @ 901	Drinking Water	1									✓
029	GECC1 - S29	6/1/24 @ 901	Drinking Water	1									✓
030	GECC1 - S30	6/1/24 @ 901	Drinking Water	1									✓
031	GECC1 - S31	6/1/24 @ 902	Drinking Water	1									✓
032	GECC1 - 032	6/1/24 @ 903	Groundwater	1									✓
033	GECC1 - DF33	6/1/24 @ 903	Groundwater	1									✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	6/3/24 @ 1130	[signature]	6/3/24 1210
[signature]	6/5/24 [illegible]	[signature] XX	6/4/24 1152

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CHAIN OF CUSTODY

Pg 4 of 5 Workorder # 240602G7

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Grace Early Childhood Care

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
240602G7-034	GECC1 - S34	6/1/24 @ 903	Drinking Water	1									✓
035	GECC1 - S35	6/1/24 @ 903	Drinking Water	1									✓
036	GECC1 - S36	6/1/24 @ 904	Drinking Water	1									✓
037	GECC1 - S37	6/1/24 @ 904	Drinking Water	1									✓
038	GECC1 - S38	6/1/24 @ 912	Drinking Water	1									✓
039	GECC1 - 039	6/1/24 @ 912	Drinking Water	1									✓
040	GECC1 - DF40	6/1/24 @ 912	Drinking Water	1									✓
041	GECC1 - S41	6/1/24 @ 912	Drinking Water	1									✓
042	GECC1 - S42	6/1/24 @ ~~913~~ 912	Drinking Water	1									✓
043	GECC1 - DF43	6/1/24 @ 843	Groundwater	1									✓
044	GECC1 - DF44	6/1/24 @ 843	Groundwater	1									✓

Relinquished By	Date/Time	Received By	Date/Time
	6/3/24 1130		6/3/24 1210
	6/3/24 1600	XX	6/4/24 1152

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CHAIN OF CUSTODY

Pg 5 of 5 Workorder # 2406026?

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Grace Early Childhood Care

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
3659 - Belton School District DW	KM + AR

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: DW Lead
2406026-045	GECC1 - DF45	6/1/24 @ 843	Drinking Water	1									✓
046	GECC1 - 0416	6/1/24 @ 912	Drinking Water	1									✓
	GECC1 -	6/1/24 @	Drinking Water	1									✓
	GECC1 -	6/1/24 @	Drinking Water	1									✓
	GECC1 -	6/1/24 @	Drinking Water	1									✓
	GECC1 -	6/1/24 @	Drinking Water	1									✓
	GECC1 -	6/1/24 @	Drinking Water	1									✓
	GECC1 -	6/1/24 @	Drinking Water	1									✓
	GECC1 -	6/1/24 @	Drinking Water	1									✓
	GECC1 -	6/1/24 @	Drinking Water	1									✓
	GECC1 -	6/1/24 @	Groundwater	1									✓
	GECC1 -	6/1/24 @	Groundwater	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	6/3/24 @ 1130		6/3/24 1210
	6/5/24 1600	XX	6/4/24 1152

*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

June 28, 2024

Mr. Steven Troutwine
Belton School District #124
Director of Facilities

RE: Belton School District #124 – Drinking Water Testing Services
Kentucky Trail Elementary
8301 East 163rd Street

Dear Mr. Troutwine:

Blackstone Environmental Inc., (Blackstone) has been contracted by the Belton School District #24 to provide lead in drinking water sampling for the high-priority potable water sources throughout the school district. The objective of the sampling was to determine the lead concentrations in these potable water sources throughout the school district and to identify sources exceeding the Missouri SB681 Action Level of 5 µg/L (parts per billion (ppb)).

Background

Testing and reporting has been conducted in accordance with Missouri State Statute 160-077, Get the Lead Out of School Drinking Water Act, and included sampling of potable water fixtures used for drinking or food preparation including water fountains, faucets, taps, ice making machines, hot drink machines, and outlets used for dispensing water for cooking or for cleaning cooking and eating utensils.

Field Sampling

Field sampling procedures included preparing an inventory of drinking water outlets and outlets that are used for dispensing water for cooking or for cleaning cooking and eating utensils. Each of these locations are marked on the facility maps included in Attachment A.

Each water source was flushed for a minimum of five minutes. Signage was then attached to the source to prevent it from being used prior to sample collection. Between 8 and 18 hours after the source was flushed, Blackstone personnel returned to collect a water sample into laboratory supplied 250-mL sample containers for analysis of total lead concentration by EPA Method 200.8. New nitrile gloves were worn for each sample collection. Labels were prepared and affixed to each sampling container stating the sample location, technicians name, and date and time of sample collection. Field forms were prepared for each school to document pertinent information including sample identification, type of source, time flushed, and time sampled. Field information forms are included in Attachment B.

Once sampling was complete, the samples were transferred under proper chain-of-custody procedures to TekLab, Inc. of Collinsville, Illinois for analysis.

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Analytical Summary

A total of 55 water samples were collected from Kentucky Trail Elementary located at 8301 East 163rd Street. A summary table is included in Attachment C. Of the 55 samples collected, 2 exceeded the Missouri SB681 Action Level for lead of 5 ppb as shown in the table below. Sample locations that exceeded the Action Level for lead are also identified on the facility maps in Attachment A.

Summary of Lead Results Exceeding Action Levels

Sample ID	Location Description	Lead Concentration
KTE1-S1	Kitchen – Sink with Sprayer by Dish Door	34.3
KTE1-S54	Sink in Copy Room	10.4

*Concentrations in µg/L

A copy of the laboratory analytical report is included as Attachment D.

Recommendations

Recommendations for those water sources that exceed the action levels include removal of the location from services, or filtering, depending on the individual results.

Limitations

This report was prepared in accordance with that level of skill and care ordinarily exercised by other members of Blackstone's profession practicing in the same locality and under similar conditions when the services were provided. No warranties, express or implied, are intended or made.

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Closing

If you have any questions, or need further assistance, please contact Lindsay James at 913-522-0370.

Respectfully,
BLACKSTONE ENVIRONMENTAL, INC.

Kaley S. Muir
Environmental Chemist

John Paul Knightly, CHMM
Senior Project Manager

Enclosures Attachment A – Facility Maps
Attachment B – Field Forms
Attachment C – Summary Table
Attachment D – Laboratory Analytical Report

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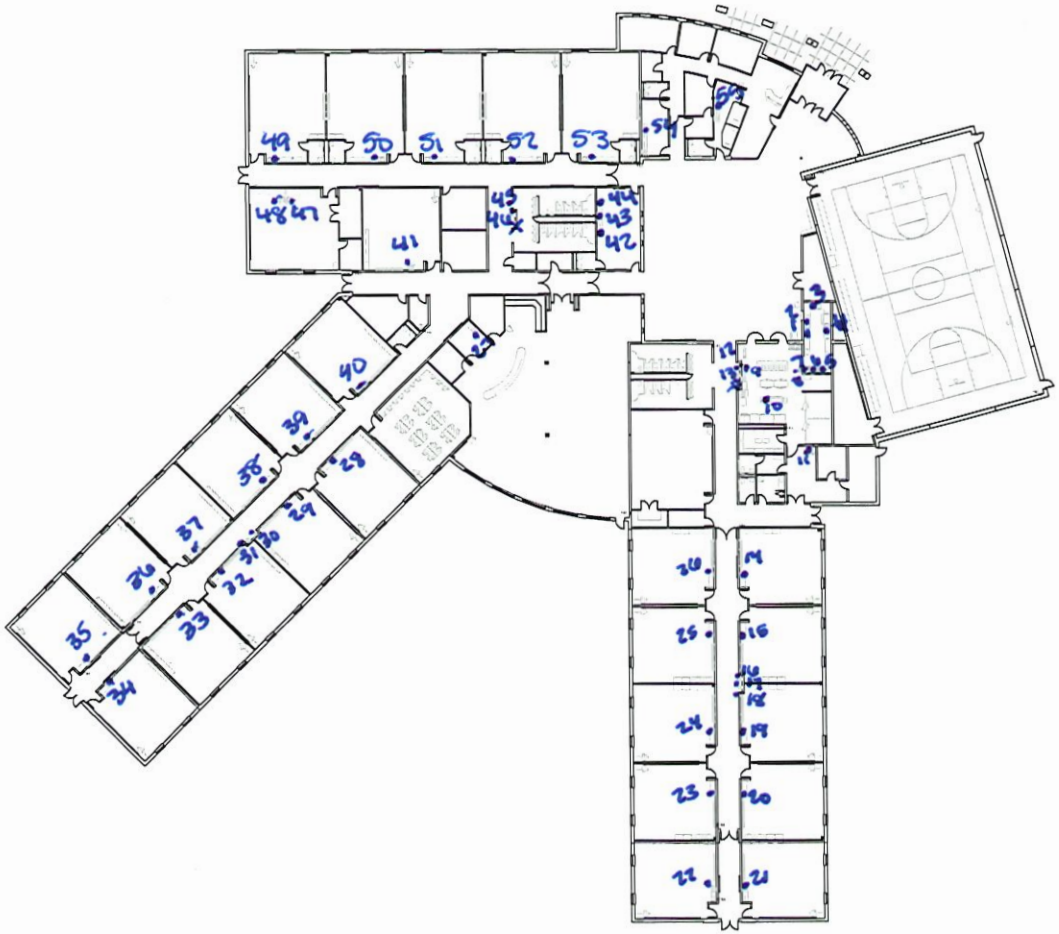
BLACKSTONE ENVIRONMENTAL

ATTACHMENT A

Kentucky Trail Elementary
Facility Maps

KTE

55 samples



↑↑ in-op DFs

KENTUCKY TRAIL ELEMENTARY SCHOOL

BELTON, MISSOURI

NORTH

Scale: 1" = 40'-0"

BLACKSTONE ENVIRONMENTAL

ATTACHMENT B

Kentucky Trail Elementary
Field Forms

Missouri School Districts DW

Date Purged 5/28
Date Sampled 5/29

School Kentucky Trail Elem

Team QR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
1	1	X			sink w/sprayer by dish door	12:06	8:15
2	1			X	dish sprayer by dish door	12:06	8:15
3	1	X			sink w/sprayer by dishwasher	12:06	8:15
4	1			X	dishwasher	12:06	8:16
5	1	X			(l) dish sink	12:06	8:17
6	1	X			(m) dish sink	12:06	8:17
7	1	X			(r) dish sink	12:07	8:17
8	1	X			hand wash by wash room	12:07	8:17
9	1	X			hand wash on other wall	12:07	8:18
10	1	X			prep sink	12:07	8:18
11	1			X	ice machine	12:07	8:19
12	1			X	300 hall filler by restrooms	12:12	8:21
13	1		X		300 hall fountain by restrooms	12:12	8:21
14	1	X			310 sink	12:15	8:22
15	1	X			309 sink	12:15	8:22
16	1			X	300 hall filler	12:16	8:23
17	1		X		300 hall fountain (l)	12:16	8:23
18	1		X		300 hall fountain (r)	12:16	8:23
19	1	X			308 sink	12:15	8:24
20	1	X			307 sink	12:15	8:24
21	1	X			306 sink	12:15	8:25
22	1	X			305 sink	12:15	8:25
23	1	X			304 sink	12:16	8:26
24	1	X			303 sink	12:16	8:26

Missouri School Districts DW

Date Purged 5/28
Date Sampled 5/29

School Kentucky Trail Elem

Team AR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
25	1	X			302 sink	12:16	8:27
26	1	X			301 sink	12:16	8:27
27	1	X			media center office sink	12:22	8:29
28	1	X			211 sink	12:24	8:30
29	1	X			210 sink	12:24	8:30
30	1		X		hall fountain (l)	12:25	8:31
31	1			X	hall filler (r)	12:25	8:31
32	1	X			209 sink	12:24	8:32
33	1	X			208 sink	12:24	8:32
34	1	X			207 sink	12:24	8:33
35	1	X			206 sink	12:24	8:33
36	1	X			205 sink	12:24	8:34
37	1	X			204 sink	12:24	8:34
38	1	X			203 sink	12:24	8:35
39	1	X			202 sink	12:24	8:35
40	1	X			201 sink	12:24	8:36
41	1	X			108 sink	12:34	8:36
42	1			X	staff lounge dispenser	12:37	8:40
43	1	X			staff lounge sink	12:37	8:40
44	1			X	staff lounge dishwasher	12:37	8:40
45	1			X	(l) filler by 100/200 hallway	12:37	8:41
46	1		X		(l) fountain by 100/200 hallway	12:37	8:41
47	1	X			art room front sink	12:42	8:43
48	1	X			art room back sink	12:42	8:43

Missouri School Districts DW

Date Purged 5/28
Date Sampled 5/29

School Kentucky Trail Elem

Team QRKM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
49	1	X			105 sink	12:42	8:44
50	1	X			104 sink	12:42	8:44
51	1	X			103 sink	12:43	8:45
52	1	X			102 sink	12:43	8:46
53	1	X			101 sink	12:43	8:46
54	1	X			copy room sink	12:48	8:47
55	1	X			nurse sink	12:48	8:47

BLACKSTONE ENVIRONMENTAL

ATTACHMENT C

Kentucky Trail Elementary
Summary Table

Summary Table
Kentucky Trail Elementary

Sample ID	Date	Analyte	Result	Unit	Reporting Limit
KTE1-S1	5/29/2024	Lead	**34.3**	µg/L	1
KTE1-O2	5/29/2024	Lead	ND	µg/L	1
KTE1-S3	5/29/2024	Lead	ND	µg/L	1
KTE1-O4	5/29/2024	Lead	ND	µg/L	1
KTE1-S5	5/29/2024	Lead	**2.2**	µg/L	1
KTE1-S6	5/29/2024	Lead	ND	µg/L	1
KTE1-S7	5/29/2024	Lead	ND	µg/L	1
KTE1-S8	5/29/2024	Lead	ND	µg/L	1
KTE1-S9	5/29/2024	Lead	ND	µg/L	1
KTE1-S10	5/29/2024	Lead	**1.3**	µg/L	1
KTE1-O11	5/29/2024	Lead	ND	µg/L	1
KTE1-DF13	5/29/2024	Lead	ND	µg/L	1
KTE1-S14	5/29/2024	Lead	**2.0**	µg/L	1
KTE1-S15	5/29/2024	Lead	ND	µg/L	1
KTE1-O16	5/29/2024	Lead	ND	µg/L	1
KTE1-DF17	5/29/2024	Lead	ND	µg/L	1
KTE1-DF18	5/29/2024	Lead	ND	µg/L	1
KTE1-S19	5/29/2024	Lead	ND	µg/L	1
KTE1-S20	5/29/2024	Lead	ND	µg/L	1
KTE1-S21	5/29/2024	Lead	**1.0**	µg/L	1
KTE1-S22	5/29/2024	Lead	ND	µg/L	1
KTE1-DF12	5/29/2024	Lead	ND	µg/L	1
KTE1-S23	5/29/2024	Lead	ND	µg/L	1
KTE1-S24	5/29/2024	Lead	ND	µg/L	1
KTE1-S25	5/29/2024	Lead	ND	µg/L	1
KTE1-S26	5/29/2024	Lead	ND	µg/L	1
KTE1-S27	5/29/2024	Lead	ND	µg/L	1
KTE1-S28	5/29/2024	Lead	ND	µg/L	1
KTE1-S29	5/29/2024	Lead	ND	µg/L	1
KTE1-DF30	5/29/2024	Lead	ND	µg/L	1
KTE1-O31	5/29/2024	Lead	ND	µg/L	1
KTE1-S32	5/29/2024	Lead	ND	µg/L	1
KTE1-S33	5/29/2024	Lead	**2.7**	µg/L	1
KTE1-S34	5/29/2024	Lead	**1.5**	µg/L	1
KTE1-S35	5/29/2024	Lead	**1.1**	µg/L	1
KTE1-S36	5/29/2024	Lead	ND	µg/L	1
KTE1-S37	5/29/2024	Lead	ND	µg/L	1
KTE1-S38	5/29/2024	Lead	**1.1**	µg/L	1
KTE1-S39	5/29/2024	Lead	**4.8**	µg/L	1
KTE1-S40	5/29/2024	Lead	**1.1**	µg/L	1
KTE1-S41	5/29/2024	Lead	**3.5**	µg/L	1
KTE1-O42	5/29/2024	Lead	ND	µg/L	1
KTE1-S43	5/29/2024	Lead	ND	µg/L	1

KTE1-O44	5/29/2024	Lead	ND	µg/L	1
KTE1-O45	5/29/2024	Lead	ND	µg/L	1
KTE1-DF46	5/29/2024	Lead	ND	µg/L	1
KTE1-S47	5/29/2024	Lead	ND	µg/L	1
KTE1-S48	5/29/2024	Lead	ND	µg/L	1
KTE1-S49	5/29/2024	Lead	ND	µg/L	1
KTE1-S50	5/29/2024	Lead	**1.8**	µg/L	1
KTE1-S51	5/29/2024	Lead	ND	µg/L	1
KTE1-S52	5/29/2024	Lead	**1.4**	µg/L	1
KTE1-S53	5/29/2024	Lead	ND	µg/L	1
KTE1-S54	5/29/2024	Lead	**10.4**	µg/L	1
KTE1-S55	5/29/2024	Lead	ND	µg/L	1

µg/L: micrograms per liter
Bolded results indicate detection above reporting limits
Results in red indicate Action Level of 5 ppb for lead is exceeded

BLACKSTONE ENVIRONMENTAL

ATTACHMENT D

Kentucky Trail Elementary
Laboratory Analytical Report

June 12, 2024

Kaley Muir
Blackstone Environmental, Inc.
16200 Foster Street
Overland Park, KS 66085
TEL: (913) 495-9990
FAX:

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

RE: 3659 - Belton School District DW **WorkOrder:** 24052470

Dear Kaley Muir:

TEKLAB, INC received 55 samples on 5/31/2024 12:55:00 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

Client: Blackstone Environmental, Inc.
Work Order: 24052470
Client Project: 3659 - Belton School District DW
Report Date: 12-Jun-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	9
Chain of Custody	Appended

Client: Blackstone Environmental, Inc. **Work Order:** 24052470

Client Project: 3659 - Belton School District DW **Report Date:** 12-Jun-24

Abbr	Definition
*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Blackstone Environmental, Inc. **Work Order:** 24052470

Client Project: 3659 - Belton School District DW **Report Date:** 12-Jun-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: Blackstone Environmental, Inc.
Work Order: 24052470
Client Project: 3659 - Belton School District DW
Report Date: 12-Jun-24

Cooler Receipt Temp: NA °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: Blackstone Environmental, Inc. **Work Order:** 24052470

Client Project: 3659 - Belton School District DW **Report Date:** 12-Jun-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Blackstone Environmental, Inc. **Work Order:** 24052470

Client Project: 3659 - Belton School District DW **Report Date:** 12-Jun-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									
24052470-001A	KTE1-S1	NELAP		1.0	**34.3**	µg/L	1	06/04/2024 13:53	05/29/2024 8:15
24052470-002A	KTE1-O2	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 13:57	05/29/2024 8:15
24052470-003A	KTE1-S3	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 14:01	05/29/2024 8:15
24052470-004A	KTE1-O4	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 14:15	05/29/2024 8:16
24052470-005A	KTE1-S5	NELAP		1.0	**2.2**	µg/L	1	06/04/2024 14:26	05/29/2024 8:17
24052470-006A	KTE1-S6	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 14:30	05/29/2024 8:17
24052470-007A	KTE1-S7	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 14:34	05/29/2024 8:17
24052470-008A	KTE1-S8	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 14:37	05/29/2024 8:17
24052470-009A	KTE1-S9	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 14:41	05/29/2024 8:18
24052470-010A	KTE1-S10	NELAP		1.0	**1.3**	µg/L	1	06/04/2024 14:45	05/29/2024 8:18
24052470-011A	KTE1-O11	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 10:49	05/29/2024 8:19
24052470-012A	KTE1-DF13	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 14:48	05/29/2024 8:21
24052470-013A	KTE1-S14	NELAP		1.0	**2.0**	µg/L	5	06/10/2024 11:01	05/29/2024 8:22
24052470-014A	KTE1-S15	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 15:10	05/29/2024 8:22
24052470-015A	KTE1-O16	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 15:14	05/29/2024 8:23
24052470-016A	KTE1-DF17	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 15:18	05/29/2024 8:23
24052470-017A	KTE1-DF18	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 15:21	05/29/2024 8:23
24052470-018A	KTE1-S19	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 15:25	05/29/2024 8:24
24052470-019A	KTE1-S20	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 15:29	05/29/2024 8:24
24052470-020A	KTE1-S21	NELAP		1.0	**1.0**	µg/L	1	06/04/2024 15:32	05/29/2024 8:25
24052470-021A	KTE1-S22	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 13:15	05/29/2024 8:25
24052470-022A	KTE1-DF12	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 13:19	05/29/2024 8:21
24052470-023A	KTE1-S23	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 13:24	05/29/2024 8:26
24052470-024A	KTE1-S24	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 13:44	05/29/2024 8:26
24052470-025A	KTE1-S25	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 13:28	05/29/2024 8:27
24052470-026A	KTE1-S26	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 13:32	05/29/2024 8:27
24052470-027A	KTE1-S27	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 13:36	05/29/2024 8:29
24052470-028A	KTE1-S28	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 13:40	05/29/2024 8:30
24052470-029A	KTE1-S29	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 14:09	05/29/2024 8:30
24052470-030A	KTE1-DF30	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 14:13	05/29/2024 8:31
24052470-031A	KTE1-O31	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 14:37	05/29/2024 8:31
24052470-032A	KTE1-S32	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 14:17	05/29/2024 8:32
24052470-033A	KTE1-S33	NELAP		1.0	**2.7**	µg/L	1	06/06/2024 14:21	05/29/2024 8:32
24052470-034A	KTE1-S34	NELAP		1.0	**1.5**	µg/L	1	06/06/2024 14:25	05/29/2024 8:33
24052470-035A	KTE1-S35	NELAP		1.0	**1.1**	µg/L	1	06/06/2024 14:29	05/29/2024 8:33
24052470-036A	KTE1-S36	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 14:33	05/29/2024 8:34
24052470-037A	KTE1-S37	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 15:02	05/29/2024 8:34
24052470-038A	KTE1-S38	NELAP		1.0	**1.1**	µg/L	1	06/06/2024 15:06	05/29/2024 8:35
24052470-039A	KTE1-S39	NELAP		1.0	**4.8**	µg/L	1	06/06/2024 15:10	05/29/2024 8:35
24052470-040A	KTE1-S40	NELAP		1.0	**1.1**	µg/L	1	06/06/2024 15:14	05/29/2024 8:36
24052470-041A	KTE1-S41	NELAP		1.0	**3.5**	µg/L	1	06/06/2024 16:00	05/29/2024 8:36
24052470-042A	KTE1-O42	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 15:31	05/29/2024 8:40
24052470-043A	KTE1-S43	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 16:04	05/29/2024 8:40
24052470-044A	KTE1-O44	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 16:08	05/29/2024 8:40
24052470-045A	KTE1-O45	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 16:12	05/29/2024 8:41
24052470-046A	KTE1-DF46	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 16:16	05/29/2024 8:41
24052470-047A	KTE1-S47	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 16:20	05/29/2024 8:43
24052470-048A	KTE1-S48	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 16:49	05/29/2024 8:43

Client: Blackstone Environmental, Inc.
Work Order: 24052470
Client Project: 3659 - Belton School District DW
Report Date: 12-Jun-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									
24052470-049A	KTE1-S49	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 16:24	05/29/2024 8:44
24052470-050A	KTE1-S50	NELAP		1.0	**1.8**	µg/L	1	06/06/2024 16:53	05/29/2024 8:44
24052470-051A	KTE1-S51	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 16:57	05/29/2024 8:45
24052470-052A	KTE1-S52	NELAP		1.0	**1.4**	µg/L	5	06/10/2024 10:53	05/29/2024 8:46
24052470-053A	KTE1-S53	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 17:01	05/29/2024 8:46
24052470-054A	KTE1-S54	NELAP		1.0	**10.4**	µg/L	1	06/06/2024 17:05	05/29/2024 8:47
24052470-055A	KTE1-S55	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 17:09	05/29/2024 8:47

Receiving Check List

http://www.teklabinc.com/

Client: Blackstone Environmental, Inc.
Client Project: 3659 - Belton School District DW

Work Order: 24052470
Report Date: 12-Jun-24

Carrier: Crossroads

Received By: LM

Completed by: Lindsey Maddox
On: 31-May-24

Reviewed by: Patrick Riley
On: 31-May-24

Pages to follow: Chain of custody 5 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C	NA	
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. - lhenson - 5/31/2024 1:55:40 PM

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CHAIN OF CUSTODY

Pg 1 of 5 Workorder # 24052470

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Kentucky Trail Elementary

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24052470-001	KTE1 - S1	5/29/24 @ 815	Drinking Water	1									✓
-002	KTE1 - 02	5/29/24 @ 815	Drinking Water	1									✓
-003	KTE1 - S3	5/29/24 @ 815	Drinking Water	1									✓
-004	KTE1 - 04	5/29/24 @ 816	Drinking Water	1									✓
-005	KTE1 - S5	5/29/24 @ 817	Drinking Water	1									✓
-006	KTE1 - S6	5/29/24 @ 817	Drinking Water	1									✓
-007	KTE1 - S7	5/29/24 @ 817	Drinking Water	1									✓
-008	KTE1 - S8	5/29/24 @ 817	Drinking Water	1									✓
-009	KTE1 - S9	5/29/24 @ 818	Drinking Water	1									✓
-010	KTE1 - S10	5/29/24 @ 818	Drinking Water	1									✓
-011	KTE1 - 011	5/29/24 @ 819	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
	5/30/24 @800		5/30/24 1216
	5/30/24 1610		5/31/24 1255

*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 1 of 5 Workorder # 2405247O

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Kentucky Trail Elementary

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
2405247O-012	KTE1 - DF13	5/29/24 @ 821	Drinking Water	1									✓
-013	KTE1 - S14	5/29/24 @ 822	Drinking Water	1									✓
-014	KTE1 - S15	5/29/24 @ 822	Drinking Water	1									✓
-015	KTE1 - 016	5/29/24 @ 823	Drinking Water	1									✓
-016	KTE1 - DF17	5/29/24 @ 823	Drinking Water	1									✓
-017	KTE1 - DF18	5/29/24 @ 823	Drinking Water	1									✓
-018	KTE1 - S19	5/29/24 @ 824	Drinking Water	1									✓
-019	KTE1 - S20	5/29/24 @ 824	Drinking Water	1									✓
-020	KTE1 - S21	5/29/24 @ 825	Drinking Water	1									✓
-021	KTE1 - S22	5/29/24 @ 825	Drinking Water	1									✓
-022	KTE1 - DF12	5/29/24 @ 821	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
	5/30/24 @ 500		5/30/24 1216
	5/30/24 1600	(XX)	5/31/24 1255

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CHAIN OF CUSTODY

Pg 1 of 5 Workorder # 24052470

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Kentucky Trail Elementary

PROJECT NAME/NUMBER
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24052470-023	KTE1 - S23	5/29/24 @ 826	Drinking Water	1									✓
-024	KTE1 - S24	5/29/24 @ 826	Drinking Water	1									✓
-025	KTE1 - S25	5/29/24 @ 827	Drinking Water	1									✓
-026	KTE1 - S26	5/29/24 @ 827	Drinking Water	1									✓
-027	KTE1 - S27	5/29/24 @ 829	Drinking Water	1									✓
-028	KTE1 - S28	5/29/24 @ 830	Drinking Water	1									✓
-029	KTE1 - S29	5/29/24 @ 830	Drinking Water	1									✓
-030	KTE1 - DF30	5/29/24 @ 831	Drinking Water	1									✓
-031	KTE1 - DS1	5/29/24 @ 831	Drinking Water	1									✓
-032	KTE1 - S32	5/29/24 @ 832	Drinking Water	1									✓
-033	KTE1 - S33	5/29/24 @ 832	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @ 800	[illegible]	5/30/24 1216
[illegible]	5/30/24 1600	[illegible] (XX)	5/31/24 1255

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CHAIN OF CUSTODY

Pg 1 of 5 Workorder # 24052470

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Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Kentucky Trail Elementary

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24052470-034	KTE1 - S34	5/29/24 @ 833	Drinking Water	1									✓
-035	KTE1 - S35	5/29/24 @ 833	Drinking Water	1									✓
-036	KTE1 - S36	5/29/24 @ 834	Drinking Water	1									✓
-037	KTE1 - S37	5/29/24 @ 834	Drinking Water	1									✓
-038	KTE1 - S38	5/29/24 @ 835	Drinking Water	1									✓
-039	KTE1 - S39	5/29/24 @ 835	Drinking Water	1									✓
-040	KTE1 - S40	5/29/24 @ 836	Drinking Water	1									✓
-041	KTE1 - S41	5/29/24 @ 836	Drinking Water	1									✓
-042	KTE1 - 042	5/29/24 @ 840	Drinking Water	1									✓
-043	KTE1 - S43	5/29/24 @ 840	Drinking Water	1									✓
-044	KTE1 - 044	5/29/24 @ 840	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	5/30/24 @800	[signature]	5/30/24 1216
[signature]	5/30/24 1600	[signature] (XX)	5/31/24 1255

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CHAIN OF CUSTODY

Pg 1 of 5 Workorder # 24052470

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Client: Blackstone Environmental, Inc.
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Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Kentucky Trail Elementary

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24052470-045	KTE1 - 045	5/29/24 @ 841	Drinking Water	1									✔
-046	KTE1 - DF46	5/29/24 @ 841	Drinking Water	1									✔
-047	KTE1 - 547	5/29/24 @ 843	Drinking Water	1									✔
-048	KTE1 - 548	5/29/24 @ 843	Drinking Water	1									✔
-049	KTE1 - 549	5/29/24 @ 844	Drinking Water	1									✔
-050	KTE1 - 550	5/29/24 @ 844	Drinking Water	1									✔
-051	KTE1 - 551	5/29/24 @ 845	Drinking Water	1									✔
-052	KTE1 - 552	5/29/24 @ 846	Drinking Water	1									✔
-053	KTE1 - 553	5/29/24 @ 846	Drinking Water	1									✔
-054	KTE1 - 554	5/29/24 @ 847	Drinking Water	1									✔
-055	KTE1 - 555	5/29/24 @ 847	Drinking Water	1									✔

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @ 800	[signature]	5/30/24 1216
[signature]	5/30/24 1600	[signature] (XX)	5/31/24 1255

*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

June 28, 2024

Mr. Steven Troutwine
Belton School District #124
Director of Facilities

RE: Belton School District #124 – Drinking Water Testing Services
Mill Creek Upper Elementary
308 South Cleveland

Dear Mr. Troutwine:

Blackstone Environmental Inc., (Blackstone) has been contracted by the Belton School District #24 to provide lead in drinking water sampling for the high-priority potable water sources throughout the school district. The objective of the sampling was to determine the lead concentrations in these potable water sources throughout the school district and to identify sources exceeding the Missouri SB681 Action Level of 5 µg/L (parts per billion (ppb)).

Background

Testing and reporting has been conducted in accordance with Missouri State Statute 160-077, Get the Lead Out of School Drinking Water Act, and included sampling of potable water fixtures used for drinking or food preparation including water fountains, faucets, taps, ice making machines, hot drink machines, and outlets used for dispensing water for cooking or for cleaning cooking and eating utensils.

Field Sampling

Field sampling procedures included preparing an inventory of drinking water outlets and outlets that are used for dispensing water for cooking or for cleaning cooking and eating utensils. Each of these locations are marked on the facility maps included in Attachment A.

Each water source was flushed for a minimum of five minutes. Signage was then attached to the source to prevent it from being used prior to sample collection. Between 8 and 18 hours after the source was flushed, Blackstone personnel returned to collect a water sample into laboratory supplied 250-mL sample containers for analysis of total lead concentration by EPA Method 200.8. New nitrile gloves were worn for each sample collection. Labels were prepared and affixed to each sampling container stating the sample location, technicians name, and date and time of sample collection. Field forms were prepared for each school to document pertinent information including sample identification, type of source, time flushed, and time sampled. Field information forms are included in Attachment B.

Once sampling was complete, the samples were transferred under proper chain-of-custody procedures to TekLab, Inc. of Collinsville, Illinois for analysis.

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Analytical Summary

A total of 100 water samples were collected from Mill Creek Upper Elementary located at 308 South Cleveland. A summary table is included in Attachment C. Of the 100 samples collected, 1 exceeded the Missouri SB681 Action Level for lead of 5 ppb as shown in the table below. Sample locations that exceeded the Action Level for lead are also identified on the facility maps in Attachment A.

Summary of Lead Results Exceeding Action Levels

Sample ID	Location Description	Lead Concentration
MCUE1-S8	Kitchen – Right Dish Sink	8.2

*Concentrations in µg/L

A copy of the laboratory analytical report is included as Attachment D.

Recommendations

Recommendations for those water sources that exceed the action levels include removal of the location from services, or filtering, depending on the individual results.

Limitations

This report was prepared in accordance with that level of skill and care ordinarily exercised by other members of Blackstone's profession practicing in the same locality and under similar conditions when the services were provided. No warranties, express or implied, are intended or made.

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Closing

If you have any questions, or need further assistance, please contact Lindsay James at 913-522-0370.

Respectfully,
BLACKSTONE ENVIRONMENTAL, INC.

Kaley S. Muir
Environmental Chemist

John Paul Knightly, CHMM
Senior Project Manager

Enclosures Attachment A – Facility Maps
Attachment B – Field Forms
Attachment C – Summary Table
Attachment D – Laboratory Analytical Report

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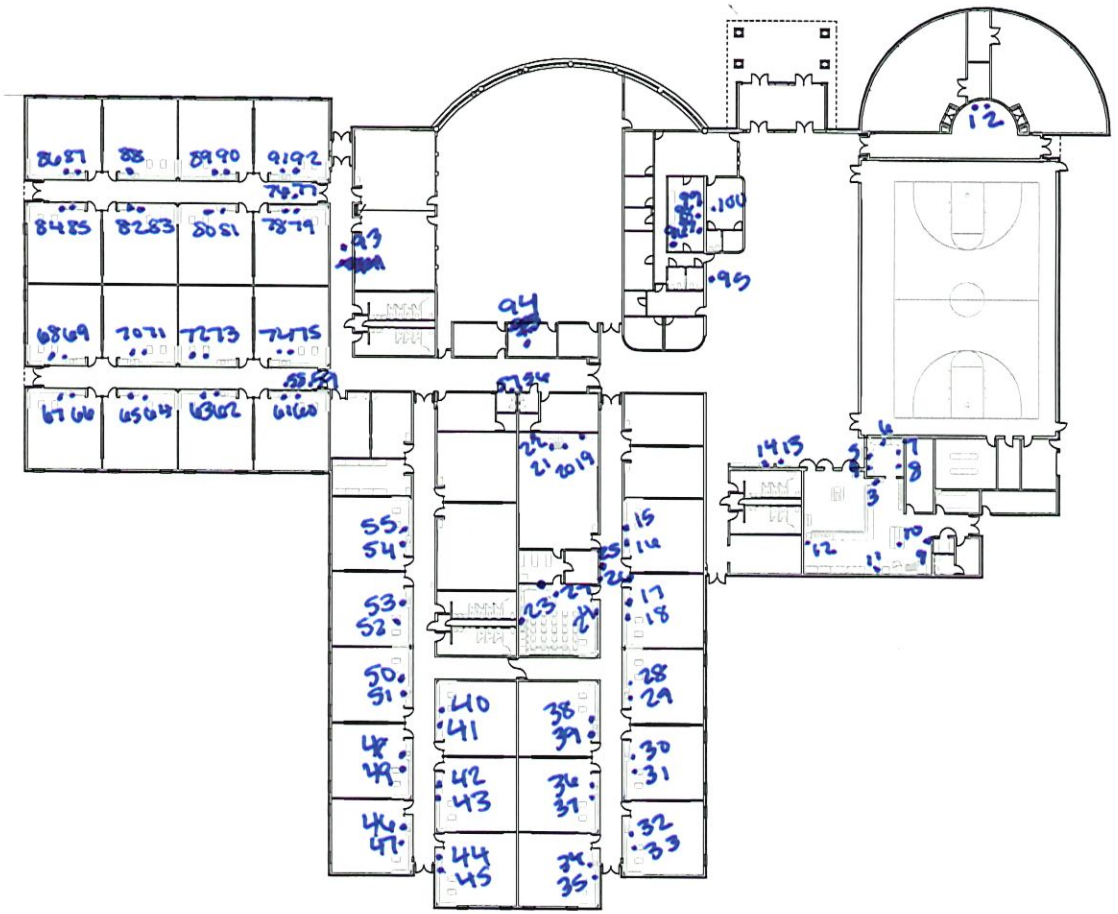
BLACKSTONE ENVIRONMENTAL

ATTACHMENT A

Mill Creek Upper Elementary
Facility Maps

MCHE

100 samples



MILL CREEK UPPER ELEMENTARY SCHOOL

BELTON, MISSOURI

NORTH Scale: 1" = 40'-0"

BLACKSTONE ENVIRONMENTAL

ATTACHMENT B

Mill Creek Upper Elementary
Field Forms

Missouri School Districts DW

Date Purged 5/28
Date Sampled 5/29

School Mill Creek

Team AR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
1	1			X	filler by band/music	15:46	10:20
2	1		X		fountain by band/music	15:46	10:20
3	1	X			hand sink by dish room	15:51	10:22
4	1	X			dish sink by window	15:51	10:23
5	1	X			sink w/ sprayer	15:51	10:23
6	1			X	dishwasher	15:51	10:25
7	1	X			(l) dish sink	15:51	10:25
8	1	X			(r) dish sink	15:51	10:25
9	1	X			hand wash by ovens	15:52	10:26
10	1	X			prep sink	15:52	10:26
11	1			X	ice maker	15:52	10:27
12	1	X			hand wash by fridges	15:52	10:27
13	1			X	filler by kitchen	15:57	10:30
14	1		X		fountain by kitchen	15:57	10:30
15	1	X			A LAB sink	16:02	10:32
16	1			X	A LAB bubbler	16:02	10:32
17	1	X			B121 sink	16:02	10:33
18	1			X	B121 bubbler	16:02	10:33
19	1	X			art far right sink	16:02	10:34
20	1	X			art right sink	16:02	10:34
21	1	X			art left sink	16:03	10:34
22	1	X			art far left sink	16:03	10:34
23	1	X			Sci lab sink by door	16:03	10:35
24	1	X			Sci lab sink far wall	16:03	10:35

Missouri School Districts DW

Date Purged 5/28
Date Sampled 5/29

School Mill Creek

Team AR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
25	1			X	filler by art room	16:05	10:36
26	1		X		fountain by art room	16:05	10:36
27	1	X			sci lab sink middle	16:06	10:35
28	1	X			B122 sink	16:11	10:38
29	1			X	B122 bubbler	16:11	10:38
30	1	X			B123 sink	16:11	10:39
31	1			X	B123 bubbler	16:11	10:39
32	1	X			B126 sink	16:12	10:40
33	1			X	B126 bubbler	16:12	10:40
34	1	X			B127 sink	16:11	10:41
35	1			X	B127 bubbler	16:11	10:41
36	1	X			B125 sink	16:11	10:42
37	1			X	B125 bubbler	16:12	10:42
38	1	X			B124 sink	16:12	10:43
39	1			X	B124 bubbler	16:12	10:43
40	1	X			B108 sink	16:18	10:46
41	1			X	B108 bubbler	16:18	10:46
42	1	X			B107 sink	16:18	10:46
43	1			X	B107 bubbler	16:18	10:46
44	1	X			B106 sink	16:19	10:47
45	1			X	B106 bubbler	16:19	10:47
46	1	X			B105 sink	16:19	10:47
47	1			X	B105 bubbler	16:19	10:47
48	1	X			B104 sink	16:18	10:48

Missouri School Districts DW

Date Purged 5/28
Date Sampled 5/29

School Mill Creek

Team AR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
49	1			X	B104 bubbler	16:18	10:48
50	1	X			B103 sink	16:18	10:49
51	1			X	B103 bubbler	16:18	10:49
52	1	X			B102 sink	16:24	10:50
53	1			X	B102 bubbler	16:24	10:50
54	1	X			B101 sink	16:24	10:51
55	1			X	B101 bubbler	16:24	10:51
56	1			X	filler by C110	16:29	10:53
57	1		X		fountain by C110	16:29	10:53
58	1			X	filler by a112	16:34	10:54
59	1		X		fountain by a112	16:34	10:54
60	1	X			a112 sink	16:40	10:55
61	1			X	a112 bubbler	16:40	10:55
62	1	X			a114 sink	16:40	10:55
63	1			X	a114 bubbler	16:40	10:55
64	1	X			a116 sink	16:40	10:56
65	1			X	a116 bubbler	16:40	10:56
66	1	X			a118 sink	16:40	10:56
67	1			X	a118 bubbler	16:40	10:56
68	1	X			a119 sink	16:40	10:57
69	1			X	a119 bubbler	16:40	10:57
70	1	X			a117 sink	16:40	10:57
71	1			X	a117 bubbler	16:40	10:57
72	1	X			a115 sink	16:40	10:58

Missouri School Districts DW

Date Purged 5/28
Date Sampled 5/29

School Mill Creek

Team ARKM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
73	1			X	a115 bubbler	16:40	10:58
74	1	X			a113 sink	16:40	10:58
75	1			X	a113 bubbler	16:40	10:58
76	1			X	filler by a122	16:45	11:02
77	1		X		fountain by a122	16:45	11:02
78	1	X			a122 sink	16:50	11:02
79	1			X	a122 bubbler	16:50	11:02
80	1	X			a124 sink	16:50	11:03
81	1			X	a124 bubbler	16:50	11:03
82	1	X			a126 sink	16:50	11:04
83	1			X	a126 bubbler	16:51	11:04
84	1	X			a128 sink	16:51	11:04
85	1			X	a128 bubbler	16:51	11:04
86	1	X			a129 sink	16:50	11:05
87	1			X	a129 bubbler	16:50	11:05
88	1	X			a127 sink	16:50	11:05
89	1	X			a125 sink	16:50	11:06
90	1			X	a125 bubbler	16:51	11:06
91	1	X			a123 sink	16:51	11:06
92	1			X	a123 bubbler	16:51	11:06
93	1		X	[illegible]	fountain[illegible] by a103	16:56	11:07
94	1	X	[illegible]		[illegible] media center sink	16:56	11:08
95	1			X	filler by counselor	17:02	11:08
96	1			X	lounge fridge ice maker	17:02	11:10

Missouri School Districts DW

Date Purged 5/28
Date Sampled

School Mill Creek

Team QR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
97	1			X	lounge water dispenser	17:02	11:10
98	1			X	lounge dishwasher	17:02	11:12
99	1	X			lounge sink	17:02	11:11
100	1	X			nurse sink	17:02	11:15

BLACKSTONE ENVIRONMENTAL

ATTACHMENT C

Mill Creek Upper Elementary
Summary Table

Summary Table
Mill Creek Upper Elementary

Sample ID	Date	Analyte	Result	Unit	Reporting Limit
MCUE1-01	5/29/2024	Lead	ND	µg/L	1
MCUE1-DF2	5/29/2024	Lead	ND	µg/L	1
MCUE1-S3	5/29/2024	Lead	ND	µg/L	1
MCUE1-S4	5/29/2024	Lead	ND	µg/L	1
MCUE1-S5	5/29/2024	Lead	ND	µg/L	1
MCUE1-06	5/29/2024	Lead	ND	µg/L	1
MCUE1-S7	5/29/2024	Lead	ND	µg/L	1
MCUE1-S8	5/29/2024	Lead	**8.2**	µg/L	1
MCUE1-S9	5/29/2024	Lead	ND	µg/L	1
MCUE1-S10	5/29/2024	Lead	ND	µg/L	1
MCUE1-O11	5/29/2024	Lead	ND	µg/L	1
MCUE1-S12	5/29/2024	Lead	ND	µg/L	1
MCUE1-013	5/29/2024	Lead	ND	µg/L	1
MCUE1-DF14	5/29/2024	Lead	ND	µg/L	1
MCUE1-S15	5/29/2024	Lead	ND	µg/L	1
MCUE1-O16	5/29/2024	Lead	ND	µg/L	1
MCUE1-S17	5/29/2024	Lead	**1.1**	µg/L	1
MCUE1-O18	5/29/2024	Lead	ND	µg/L	1
MCUE1-S19	5/29/2024	Lead	ND	µg/L	1
MCUE1-S20	5/29/2024	Lead	ND	µg/L	1
MCUE1-S21	5/29/2024	Lead	ND	µg/L	1
MCUE1-S22	5/29/2024	Lead	ND	µg/L	1
MCUE1-S23	5/29/2024	Lead	**1.3**	µg/L	1
MCUE1-S24	5/29/2024	Lead	ND	µg/L	1
MCUE1-S25	5/29/2024	Lead	ND	µg/L	1
MCUE1-DF26	5/29/2024	Lead	ND	µg/L	1
MCUE1-S27	5/29/2024	Lead	ND	µg/L	1
MCUE1-S28	5/29/2024	Lead	ND	µg/L	1
MCUE1-029	5/29/2024	Lead	ND	µg/L	1
MCUE1-S30	5/29/2024	Lead	ND	µg/L	1
MCUE1-O31	5/29/2024	Lead	ND	µg/L	1
MCUE1-S32	5/29/2024	Lead	ND	µg/L	1
MCUE1-O33	5/29/2024	Lead	ND	µg/L	1
MCUE1-S34	5/29/2024	Lead	ND	µg/L	1
MCUE1-O35	5/29/2024	Lead	ND	µg/L	1
MCUE1-S36	5/29/2024	Lead	ND	µg/L	1
MCUE1-O37	5/29/2024	Lead	ND	µg/L	1
MCUE1-S38	5/29/2024	Lead	ND	µg/L	1
MCUE1-O39	5/29/2024	Lead	ND	µg/L	1
MCUE1-S40	5/29/2024	Lead	ND	µg/L	1
MCUE1-O41	5/29/2024	Lead	ND	µg/L	1
MCUE1-S42	5/29/2024	Lead	ND	µg/L	1
MCUE1-O43	5/29/2024	Lead	ND	µg/L	1

MCUE1-S44	5/29/2024	Lead	ND	µg/L	1
MCUE1-O45	5/29/2024	Lead	ND	µg/L	1
MCUE1-S46	5/29/2024	Lead	ND	µg/L	1
MCUE1-O47	5/29/2024	Lead	ND	µg/L	1
MCUE1-S48	5/29/2024	Lead	ND	µg/L	1
MCUE1-O49	5/29/2024	Lead	ND	µg/L	1
MCUE1-S50	5/29/2024	Lead	ND	µg/L	1
MCUE1-O51	5/29/2024	Lead	ND	µg/L	1
MCUE1-S52	5/29/2024	Lead	ND	µg/L	1
MCUE1-O53	5/29/2024	Lead	ND	µg/L	1
MCUE1-S54	5/29/2024	Lead	ND	µg/L	1
MCUE1-O55	5/29/2024	Lead	ND	µg/L	1
MCUE1-056	5/29/2024	Lead	ND	µg/L	1
MCUE1-DF57	5/29/2024	Lead	ND	µg/L	1
MCUE1-058	5/29/2024	Lead	ND	µg/L	1
MCUE1-DF59	5/29/2024	Lead	ND	µg/L	1
MCUE1-S60	5/29/2024	Lead	ND	µg/L	1
MCUE1-061	5/29/2024	Lead	ND	µg/L	1
MCUE1-S62	5/29/2024	Lead	ND	µg/L	1
MCUE1-063	5/29/2024	Lead	ND	µg/L	1
MCUE1-S64	5/29/2024	Lead	ND	µg/L	1
MCUE1-065	5/29/2024	Lead	ND	µg/L	1
MCUE1-S66	5/29/2024	Lead	ND	µg/L	1
MCUE1-067	5/29/2024	Lead	ND	µg/L	1
MCUE1-S68	5/29/2024	Lead	ND	µg/L	1
MCUE1-069	5/29/2024	Lead	ND	µg/L	1
MCUE1-S70	5/29/2024	Lead	ND	µg/L	1
MCUE1-071	5/29/2024	Lead	ND	µg/L	1
MCUE1-S72	5/29/2024	Lead	ND	µg/L	1
MCUE1-073	5/29/2024	Lead	ND	µg/L	1
MCUE1-S74	5/29/2024	Lead	ND	µg/L	1
MCUE1-075	5/29/2024	Lead	ND	µg/L	1
MCUE1-076	5/29/2024	Lead	ND	µg/L	1
MCUE1-DF77	5/29/2024	Lead	ND	µg/L	1
MCUE1-S78	5/29/2024	Lead	ND	µg/L	1
MCUE1-079	5/29/2024	Lead	ND	µg/L	1
MCUE1-S80	5/29/2024	Lead	ND	µg/L	1
MCUE1-081	5/29/2024	Lead	ND	µg/L	1
MCUE1-S82	5/29/2024	Lead	ND	µg/L	1
MCUE1-083	5/29/2024	Lead	ND	µg/L	1
MCUE1-S84	5/29/2024	Lead	ND	µg/L	1
MCUE1-085	5/29/2024	Lead	ND	µg/L	1
MCUE1-S86	5/29/2024	Lead	ND	µg/L	1
MCUE1-087	5/29/2024	Lead	ND	µg/L	1
MCUE1-S88	5/29/2024	Lead	ND	µg/L	1
MCUE1-S89	5/29/2024	Lead	ND	µg/L	1
MCUE1-090	5/29/2024	Lead	ND	µg/L	1
MCUE1-S91	5/29/2024	Lead	ND	µg/L	1

MCUE1-092	5/29/2024	Lead	ND	µg/L	1
MCUE1-DF93	5/29/2024	Lead	ND	µg/L	1
MCUE1-S94	5/29/2024	Lead	ND	µg/L	1
MCUE1-095	5/29/2024	Lead	ND	µg/L	1
MCUE1-096	5/29/2024	Lead	ND	µg/L	1
MCUE1-097	5/29/2024	Lead	ND	µg/L	1
MCUE1-098	5/29/2024	Lead	ND	µg/L	1
MCUE1-S99	5/29/2024	Lead	ND	µg/L	1
MCUE1-S100	5/29/2024	Lead	ND	µg/L	1

µg/L: micrograms per liter
Bolded results indicate detection above reporting limits
Results in red indicate Action Level of 5 ppb for lead is exceeded

BLACKSTONE ENVIRONMENTAL

ATTACHMENT D

Mill Creek Upper Elementary
Laboratory Analytical Report

June 12, 2024

Lindsay E. James
Blackstone Environmental, Inc.
16200 Foster Street
Overland Park, KS 66085
TEL: (913) 956-4160
FAX:

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

RE: 3659-Belton School District DW-Mill Creek Up Elem **WorkOrder:** 24052472

Dear Lindsay E. James:

TEKLAB, INC received 55 samples on 5/31/2024 12:55:00 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

Client: Blackstone Environmental, Inc. **Work Order:** 24052472

Client Project: 3659-Belton School District DW-Mill Creek Up Elem **Report Date:** 12-Jun-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	9
Chain of Custody	Appended

Client: Blackstone Environmental, Inc. **Work Order:** 24052472

Client Project: 3659-Belton School District DW-Mill Creek Up Elem **Report Date:** 12-Jun-24

Abbr Definition

*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Blackstone Environmental, Inc. **Work Order:** 24052472

Client Project: 3659-Belton School District DW-Mill Creek Up Elem **Report Date:** 12-Jun-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: Blackstone Environmental, Inc.
Work Order: 24052472
Client Project: 3659-Belton School District DW-Mill Creek Up Elem
Report Date: 12-Jun-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: Blackstone Environmental, Inc. **Work Order:** 24052472

Client Project: 3659-Belton School District DW-Mill Creek Up Elem **Report Date:** 12-Jun-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Blackstone Environmental, Inc. **Work Order:** 24052472

Client Project: 3659-Belton School District DW-Mill Creek Up Elem **Report Date:** 12-Jun-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									
24052472-001A	MCUE1-01	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 17:27	05/29/2024 10:20
24052472-002A	MCUE1-DF2	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 17:31	05/29/2024 10:20
24052472-003A	MCUE1-S3	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 17:35	05/29/2024 10:22
24052472-004A	MCUE1-S4	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 18:04	05/29/2024 10:23
24052472-005A	MCUE1-S5	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 18:08	05/29/2024 10:23
24052472-006A	MCUE1-06	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 18:12	05/29/2024 10:25
24052472-007A	MCUE1-S7	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 18:32	05/29/2024 10:25
24052472-008A	MCUE1-S8	NELAP		1.0	**8.2**	µg/L	1	06/07/2024 18:16	05/29/2024 10:25
24052472-009A	MCUE1-S9	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 14:33	05/29/2024 10:26
24052472-010A	MCUE1-S10	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 14:37	05/29/2024 10:26
24052472-011A	MCUE1-O11	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 14:41	05/29/2024 10:27
24052472-012A	MCUE1-S12	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 14:46	05/29/2024 10:27
24052472-013A	MCUE1-013	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 18:20	05/29/2024 10:30
24052472-014A	MCUE1-DF14	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 18:24	05/29/2024 10:30
24052472-015A	MCUE1-S15	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 18:28	05/29/2024 10:32
24052472-016A	MCUE1-O16	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 14:50	05/29/2024 10:32
24052472-017A	MCUE1-S17	NELAP		1.0	**1.1**	µg/L	5	06/10/2024 14:54	05/29/2024 10:33
24052472-018A	MCUE1-O18	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 18:57	05/29/2024 10:33
24052472-019A	MCUE1-S19	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 19:01	05/29/2024 10:34
24052472-020A	MCUE1-S20	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 14:59	05/29/2024 10:34
24052472-021A	MCUE1-S21	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 19:05	05/29/2024 10:34
24052472-022A	MCUE1-S22	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 19:26	05/29/2024 10:34
24052472-023A	MCUE1-S23	NELAP		1.0	**1.3**	µg/L	1	06/07/2024 19:10	05/29/2024 10:35
24052472-024A	MCUE1-S24	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 19:14	05/29/2024 10:35
24052472-025A	MCUE1-S25	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 19:18	05/29/2024 10:36
24052472-026A	MCUE1-DF26	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 19:22	05/29/2024 10:36
24052472-027A	MCUE1-S27	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 20:07	05/29/2024 10:35
24052472-028A	MCUE1-S28	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 19:51	05/29/2024 10:38
24052472-029A	MCUE1-029	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 19:55	05/29/2024 10:38
24052472-030A	MCUE1-S30	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 20:24	05/29/2024 10:39
24052472-031A	MCUE1-O31	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 19:59	05/29/2024 10:39
24052472-032A	MCUE1-S32	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 20:03	05/29/2024 10:40
24052472-033A	MCUE1-O33	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 20:49	05/29/2024 10:40
24052472-034A	MCUE1-S34	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 20:53	05/29/2024 10:41
24052472-035A	MCUE1-O35	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 20:57	05/29/2024 10:41
24052472-036A	MCUE1-S36	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 21:01	05/29/2024 10:42
24052472-037A	MCUE1-O37	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 21:05	05/29/2024 10:42
24052472-038A	MCUE1-S38	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 21:09	05/29/2024 10:43
24052472-039A	MCUE1-O39	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 21:17	05/29/2024 10:43
24052472-040A	MCUE1-S40	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 15:50	05/29/2024 10:46
24052472-041A	MCUE1-O41	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 21:13	05/29/2024 10:46
24052472-042A	MCUE1-S42	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 23:36	05/29/2024 10:46
24052472-043A	MCUE1-O43	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 23:40	05/29/2024 10:46
24052472-044A	MCUE1-S44	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 23:44	05/29/2024 10:47
24052472-045A	MCUE1-O45	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 23:48	05/29/2024 10:47
24052472-046A	MCUE1-S46	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 15:29	05/29/2024 10:47
24052472-047A	MCUE1-O47	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 23:52	05/29/2024 10:47
24052472-048A	MCUE1-S48	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 7:07	05/29/2024 10:48

Client: Blackstone Environmental, Inc. **Work Order:** 24052472

Client Project: 3659-Belton School District DW-Mill Creek Up Elem **Report Date:** 12-Jun-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									
24052472-049A	MCUE1-O49	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 7:11	05/29/2024 10:48
24052472-050A	MCUE1-S50	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 7:15	05/29/2024 10:49
24052472-051A	MCUE1-O51	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 7:19	05/29/2024 10:49
24052472-052A	MCUE1-S52	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 15:33	05/29/2024 10:50
24052472-053A	MCUE1-O53	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 7:36	05/29/2024 10:50
24052472-054A	MCUE1-S54	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 15:37	05/29/2024 10:51
24052472-055A	MCUE1-O55	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 7:40	05/29/2024 10:51

Receiving Check List

http://www.teklabinc.com/

Client: Blackstone Environmental, Inc.
Work Order: 24052472
Client Project: 3659-Belton School District DW-Mill Creek Up Elem
Report Date: 12-Jun-24

Carrier: Crossroads
Received By: LM

Completed by: Amber Dilallo
On: 31-May-24

Reviewed by: Patrick Riley
On: 31-May-24

Pages to follow: Chain of custody 5 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 - 5/31/2024 1:33:31 PM

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CHAIN OF CUSTODY

Pg 1 of 10 Workorder # 24052472

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Mill Creek Upper Elementary

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24052472-001	MCUE1 - 01	5/29/24 @ 1020	Drinking Water	1									✓
002	MCUE1 - DF2	5/29/24 @ 1020	Drinking Water	1									✓
003	MCUE1 - S3	5/29/24 @ 1022	Drinking Water	1									✓
004	MCUE1 - S4	5/29/24 @ 1023	Drinking Water	1									✓
005	MCUE1 - S5	5/29/24 @ 1023	Drinking Water	1									✓
006	MCUE1 - 06	5/29/24 @ 1025	Drinking Water	1									✓
007	MCUE1 - S7	5/29/24 @ 1025	Drinking Water	1									✓
008	MCUE1 - S8	5/29/24 @ 1025	Drinking Water	1									✓
009	MCUE1 - S9	5/29/24 @ 1026	Drinking Water	1									✓
010	MCUE1 - S10	5/29/24 @ 1026	Drinking Water	1									✓
011	MCUE1 - 011	5/29/24 @ 1017	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @ 800		5/30/24 1216
	5/30/24 1600		5/31/24 1255

*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 1 of 10 Workorder # 24052472

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Mill Creek Upper Elementary

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24052472 01	MCUE1 - S12	5/29/24 @ 1027	Drinking Water	1									✔
013	MCUE1 - 013	5/29/24 @ 1030	Drinking Water	1									✔
014	MCUE1 - DF14	5/29/24 @ 1030	Drinking Water	1									✔
015	MCUE1 - S15	5/29/24 @ 1032	Drinking Water	1									✔
016	MCUE1 - 016	5/29/24 @ 1032	Drinking Water	1									✔
017	MCUE1 - S17	5/29/24 @ 1033	Drinking Water	1									✔
018	MCUE1 - 018	5/29/24 @ 1033	Drinking Water	1									✔
019	MCUE1 - S19	5/29/24 @ 1034	Drinking Water	1									✔
020	MCUE1 - S20	5/29/24 @ 1034	Drinking Water	1									✔
021	MCUE1 - S21	5/29/24 @ 1034	Drinking Water	1									✔
022	MCUE1 - S22	5/29/24 @ 1034	Drinking Water	1									✔

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @ 800		5/30/24 1616
	5/30/24 1800		5/31/24 1255

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CHAIN OF CUSTODY

Pg 3 of 10 Workorder # 24052472

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Mill Creek Upper Elementary

PROJECT NAME/NUMBER
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24052472-023	MCUE1 - S23	5/29/24 @ 1035	Drinking Water	1									✓
024	MCUE1 - S24	5/29/24 @ 1035	Drinking Water	1									✓
025	MCUE1 - S25	5/29/24 @ 1036	Drinking Water	1									✓
026	MCUE1 - DF26	5/29/24 @ 1036	Drinking Water	1									✓
027	MCUE1 - S27	5/29/24 @ 1035	Drinking Water	1									✓
028	MCUE1 - S28	5/29/24 @ 1038	Drinking Water	1									✓
029	MCUE1 - 029	5/29/24 @ 1038	Drinking Water	1									✓
030	MCUE1 - S30	5/29/24 @ 1039	Drinking Water	1									✓
031	MCUE1 - 031	5/29/24 @ 1039	Drinking Water	1									✓
032	MCUE1 - S32	5/29/24 @ 1040	Drinking Water	1									✓
033	MCUE1 - 033	5/29/24 @ 1040	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @ 800		5/30/24 1616
	5/30/24 1600	(XX)	5/31/24 1255

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CHAIN OF CUSTODY

Pg 1 of 10 Workorder # 24052472

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Mill Creek Upper Elementary

PROJECT NAME/NUMBER
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24052472 034	MCUE1 - 534	5/29/24 @ 1041	Drinking Water	1									✔
035	MCUE1 - 035	5/29/24 @ 1041	Drinking Water	1									✔
036	MCUE1 - 536	5/29/24 @ 1042	Drinking Water	1									✔
037	MCUE1 - 037	5/29/24 @ 1042	Drinking Water	1									✔
038	MCUE1 - 538	5/29/24 @ 1043	Drinking Water	1									✔
039	MCUE1 - 039	5/29/24 @ 1043	Drinking Water	1									✔
040	MCUE1 - 540	5/29/24 @ 1046	Drinking Water	1									✔
041	MCUE1 - 041	5/29/24 @ 1046	Drinking Water	1									✔
042	MCUE1 - 542	5/29/24 @ 1046	Drinking Water	1									✔
043	MCUE1 - 043	5/29/24 @ 1046	Drinking Water	1									✔
044	MCUE1 - 544	5/29/24 @ 1047	Drinking Water	1									✔

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @ 800		5/30/24 1210
	5/30/24 1600	(XX)	5/31/24 1255

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CHAIN OF CUSTODY

Pg 5 of 10 Workorder # 24052472

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Mill Creek Upper Elementary

PROJECT NAME/NUMBER
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24052472-045	MCUE1 - 045	5/29/24 @ 1047	Drinking Water	1									✓
046	MCUE1 - 546	5/29/24 @ 1047	Drinking Water	1									✓
047	MCUE1 - 047	5/29/24 @ 1047	Drinking Water	1									✓
048	MCUE1 - 548	5/29/24 @ 1048	Drinking Water	1									✓
049	MCUE1 - 049	5/29/24 @ 1048	Drinking Water	1									✓
050	MCUE1 - 550	5/29/24 @ 1049	Drinking Water	1									✓
051	MCUE1 - 051	5/29/24 @ 1049	Drinking Water	1									✓
052	MCUE1 - 552	5/29/24 @ 1050	Drinking Water	1									✓
053	MCUE1 - 053	5/29/24 @ 1050	Drinking Water	1									✓
054	MCUE1 - 554	5/29/24 @ 1051	Drinking Water	1									✓
055	MCUE1 - 055	5/29/24 @ 1051	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @ 800	[signature]	5/30/24 1216
[signature]	5/30/24 1616	[signature] (KX)	5/31/24 1255

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June 12, 2024

Kaley Muir
Blackstone Environmental, Inc.
16200 Foster Street
Overland Park, KS 66085
TEL: (913) 495-9990
FAX:

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

RE: 3659-Belton School District DW-Mill Creek Up Elem

WorkOrder: 24052473

Dear Kaley Muir:

TEKLAB, INC received 45 samples on 5/31/2024 12:55:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Patrick Riley

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

Report Contents

Client: Blackstone Environmental, Inc. **Work Order:** 24052473

Client Project: 3659-Belton School District DW-Mill Creek Up Elem **Report Date:** 12-Jun-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	8
Chain of Custody	Appended

Client: Blackstone Environmental, Inc. **Work Order:** 24052473

Client Project: 3659-Belton School District DW-Mill Creek Up Elem **Report Date:** 12-Jun-24

Abbr Definition

*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Blackstone Environmental, Inc. **Work Order:** 24052473

Client Project: 3659-Belton School District DW-Mill Creek Up Elem **Report Date:** 12-Jun-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: Blackstone Environmental, Inc.
Work Order: 24052473
Client Project: 3659-Belton School District DW-Mill Creek Up Elem
Report Date: 12-Jun-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: Blackstone Environmental, Inc. **Work Order:** 24052473

Client Project: 3659-Belton School District DW-Mill Creek Up Elem **Report Date:** 12-Jun-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Blackstone Environmental, Inc. **Work Order:** 24052473

Client Project: 3659-Belton School District DW-Mill Creek Up Elem **Report Date:** 12-Jun-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									
24052473-001A	MCUE1-056	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 11:13	05/29/2024 10:53
24052473-002A	MCUE1-DF57	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 11:17	05/29/2024 10:53
24052473-003A	MCUE1-058	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 11:25	05/29/2024 10:54
24052473-004A	MCUE1-DF59	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 11:21	05/29/2024 10:54
24052473-005A	MCUE1-S60	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 11:50	05/29/2024 10:55
24052473-006A	MCUE1-061	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 11:54	05/29/2024 10:55
24052473-007A	MCUE1-S62	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 11:58	05/29/2024 10:55
24052473-008A	MCUE1-063	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 12:02	05/29/2024 10:55
24052473-009A	MCUE1-S64	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 12:06	05/29/2024 10:56
24052473-010A	MCUE1-065	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 12:18	05/29/2024 10:56
24052473-011A	MCUE1-S66	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 12:10	05/29/2024 10:56
24052473-012A	MCUE1-067	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 12:14	05/29/2024 10:56
24052473-013A	MCUE1-S68	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 20:51	05/29/2024 10:57
24052473-014A	MCUE1-069	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 20:55	05/29/2024 10:57
24052473-015A	MCUE1-S70	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 20:59	05/29/2024 10:57
24052473-016A	MCUE1-071	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 21:03	05/29/2024 10:57
24052473-017A	MCUE1-S72	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 21:07	05/29/2024 10:58
24052473-018A	MCUE1-073	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 21:11	05/29/2024 10:58
24052473-019A	MCUE1-S74	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 21:40	05/29/2024 10:58
24052473-020A	MCUE1-075	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 21:44	05/29/2024 10:58
24052473-021A	MCUE1-076	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 16:34	05/29/2024 11:02
24052473-022A	MCUE1-DF77	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 16:38	05/29/2024 11:02
24052473-023A	MCUE1-S78	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 16:41	05/29/2024 11:02
24052473-024A	MCUE1-079	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 16:45	05/29/2024 11:02
24052473-025A	MCUE1-S80	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 16:49	05/29/2024 11:03
24052473-026A	MCUE1-081	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 16:53	05/29/2024 11:03
24052473-027A	MCUE1-S82	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 16:57	05/29/2024 11:04
24052473-028A	MCUE1-083	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 17:23	05/29/2024 11:04
24052473-029A	MCUE1-S84	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 17:27	05/29/2024 11:04
24052473-030A	MCUE1-085	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 17:31	05/29/2024 11:04
24052473-031A	MCUE1-S86	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 17:35	05/29/2024 11:05
24052473-032A	MCUE1-087	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 17:00	05/29/2024 11:05
24052473-033A	MCUE1-S88	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 17:38	05/29/2024 11:05
24052473-034A	MCUE1-S89	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 17:42	05/29/2024 11:06
24052473-035A	MCUE1-090	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 17:46	05/29/2024 11:06
24052473-036A	MCUE1-S91	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 18:12	05/29/2024 11:06
24052473-037A	MCUE1-092	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 18:15	05/29/2024 11:06
24052473-038A	MCUE1-DF93	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 18:19	05/29/2024 11:07
24052473-039A	MCUE1-S94	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 18:23	05/29/2024 11:08
24052473-040A	MCUE1-095	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 17:50	05/29/2024 11:08
24052473-041A	MCUE1-096	NELAP		1.0	**< 1.0**	µg/L	1	06/05/2024 12:12	05/29/2024 11:10
24052473-042A	MCUE1-097	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 14:38	05/29/2024 11:10
24052473-043A	MCUE1-098	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 14:42	05/29/2024 11:12
24052473-044A	MCUE1-S99	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 14:45	05/29/2024 11:11
24052473-045A	MCUE1-S100	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 14:48	05/29/2024 11:15

Receiving Check List

http://www.teklabinc.com/

Client: Blackstone Environmental, Inc.
Work Order: 24052473
Client Project: 3659-Belton School District DW-Mill Creek Up Elem
Report Date: 12-Jun-24

Carrier: Crossroads
Received By: LM

Completed by: Amber Dilallo
On: 31-May-24

Reviewed by: Patrick Riley
On: 31-May-24

Pages to follow: Chain of custody 5 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 - 5/31/2024 2:00:27 PM

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CHAIN OF CUSTODY

Pg 1 of 10 Workorder # 24052473

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Mill Creek Upper Elementary

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24052473-001	MCUE1 - 056	5/29/24 @ 1053	Drinking Water	1									✓
002	MCUE1 - DF57	5/29/24 @ 1053	Drinking Water	1									✓
003	MCUE1 - 058	5/29/24 @ 1054	Drinking Water	1									✓
004	MCUE1 - DF59	5/29/24 @ 1054	Drinking Water	1									✓
005	MCUE1 - 560	5/29/24 @ 1055	Drinking Water	1									✓
006	MCUE1 - 061	5/29/24 @ 1055	Drinking Water	1									✓
007	MCUE1 - 562	5/29/24 @ 1055	Drinking Water	1									✓
008	MCUE1 - 063	5/29/24 @ 1055	Drinking Water	1									✓
009	MCUE1 - 564	5/29/24 @ 1056	Drinking Water	1									✓
010	MCUE1 - 065	5/29/24 @ 1056	Drinking Water	1									✓
011	MCUE1 - 566	5/29/24 @ 1056	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @ 800	(XX)	5/30/24 1216
	5/30/24 1611		5/31/24 1255

*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 10 Workorder # 24052473

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Mill Creek Upper Elementary

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24052473-012	MCUE1 - 067	5/29/24 @ 1056	Drinking Water	1									✓
013	MCUE1 - 568	5/29/24 @ 1057	Drinking Water	1									✓
014	MCUE1 - 869	5/29/24 @ 1057	Drinking Water	1									✓
015	MCUE1 - 570	5/29/24 @ 1057	Drinking Water	1									✓
016	MCUE1 - 071	5/29/24 @ 1057	Drinking Water	1									✓
017	MCUE1 - 572	5/29/24 @ 1058	Drinking Water	1									✓
018	MCUE1 - 073	5/29/24 @ 1058	Drinking Water	1									✓
019	MCUE1 - 574	5/29/24 @ 1058	Drinking Water	1									✓
020	MCUE1 - 075	5/29/24 @ 1058	Drinking Water	1									✓
021	MCUE1 - 076	5/29/24 @ 1102	Drinking Water	1									✓
022	MCUE1 - DE77	5/29/24 @ 1102	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	5/30/24 @ 800	[signature]	5/30/24 1216
[signature]	5/31/24 1100	[signature] (XX)	5/31/24 1255

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CHAIN OF CUSTODY

Pg 3 of 10 Workorder # 24052473

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Mill Creek Upper Elementary

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24052473-023	MCUE1 - 578	5/29/24 @ 1107	Drinking Water	1									✓
024	MCUE1 - 079	5/29/24 @ 1107	Drinking Water	1									✓
025	MCUE1 - 580	5/29/24 @ 1103	Drinking Water	1									✓
026	MCUE1 - 081	5/29/24 @ 1103	Drinking Water	1									✓
027	MCUE1 - 582	5/29/24 @ 1104	Drinking Water	1									✓
028	MCUE1 - 083	5/29/24 @ 1104	Drinking Water	1									✓
029	MCUE1 - 584	5/29/24 @ 1104	Drinking Water	1									✓
030	MCUE1 - 085	5/29/24 @ 1104	Drinking Water	1									✓
031	MCUE1 - 586	5/29/24 @ 1105	Drinking Water	1									✓
032	MCUE1 - 087	5/29/24 @ 1105	Drinking Water	1									✓
033	MCUE1 - 588	5/29/24 @ 1105	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	5/30/24 @	[signature]	5/30/24 1246
[signature]	5/30/24 1600	[signature] (XX)	5/31/24 1255

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CHAIN OF CUSTODY

Pg 1 of 10 Workorder # 24052473

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Mill Creek Upper Elementary

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24052473-034	MCUE1 - 589	5/29/24 @ 1106	Drinking Water	1									✓
035	MCUE1 - 090	5/29/24 @ 1106	Drinking Water	1									✓
036	MCUE1 - 591	5/29/24 @ 1106	Drinking Water	1									✓
037	MCUE1 - 092	5/29/24 @ 1106	Drinking Water	1									✓
038	MCUE1 - DF93	5/29/24 @ 1107	Drinking Water	1									✓
039	MCUE1 - 594	5/29/24 @ 1108	Drinking Water	1									✓
040	MCUE1 - 095	5/29/24 @ 1108	Drinking Water	1									✓
041	MCUE1 - 096	5/29/24 @ 1110	Drinking Water	1									✓
042	MCUE1 - 097	5/29/24 @ 1110	Drinking Water	1									✓
043	MCUE1 - 098	5/29/24 @ 1112	Drinking Water	1									✓
044	MCUE1 - 599	5/29/24 @ 1111	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	5/30/24 @ 800	[signature]	5/30/24 1216
[signature]	5/30/24 1600	[signature] (XX)	5/31/24 1255

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CHAIN OF CUSTODY

Pg 10 of 10 Workorder # 24052473

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Mill Creek Upper Elementary

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
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24052473-05	MCUE1 - S100	5/29/24 @ 1115	Drinking Water	1									✓
	MCUE1 -	5/29/24 @	Drinking Water	1									✓
	MCUE1 -	5/29/24 @	Drinking Water	1									✓
	MCUE1 -	5/29/24 @	Drinking Water	1									✓
	MCUE1 -	5/29/24 @	Drinking Water	1									✓
	MCUE1 -	5/29/24 @	Drinking Water	1									✓
	MCUE1 -	5/29/24 @	Drinking Water	1									✓
	MCUE1 -	5/29/24 @	Drinking Water	1									✓
	MCUE1 -	5/29/24 @	Drinking Water	1									✓
	MCUE1 -	5/29/24 @	Drinking Water	1									✓
	MCUE1 -	5/29/24 @	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @800	(XX)	5/30/24 1711
	5/30/24 1600		5/31/24 1255

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June 28, 2024

Mr. Steven Troutwine
Belton School District #124
Director of Facilities

RE: Belton School District #124 – Drinking Water Testing Services
Scott Education Center
310 South Scott Avenue

Dear Mr. Troutwine:

Blackstone Environmental Inc., (Blackstone) has been contracted by the Belton School District #24 to provide lead in drinking water sampling for the high-priority potable water sources throughout the school district. The objective of the sampling was to determine the lead concentrations in these potable water sources throughout the school district and to identify sources exceeding the Missouri SB681 Action Level of 5 µg/L (parts per billion (ppb)).

Background

Testing and reporting has been conducted in accordance with Missouri State Statute 160-077, Get the Lead Out of School Drinking Water Act, and included sampling of potable water fixtures used for drinking or food preparation including water fountains, faucets, taps, ice making machines, hot drink machines, and outlets used for dispensing water for cooking or for cleaning cooking and eating utensils.

Field Sampling

Field sampling procedures included preparing an inventory of drinking water outlets and outlets that are used for dispensing water for cooking or for cleaning cooking and eating utensils. Each of these locations are marked on the facility maps included in Attachment A.

Each water source was flushed for a minimum of five minutes. Signage was then attached to the source to prevent it from being used prior to sample collection. Between 8 and 18 hours after the source was flushed, Blackstone personnel returned to collect a water sample into laboratory supplied 250-mL sample containers for analysis of total lead concentration by EPA Method 200.8. New nitrile gloves were worn for each sample collection. Labels were prepared and affixed to each sampling container stating the sample location, technicians name, and date and time of sample collection. Field forms were prepared for each school to document pertinent information including sample identification, type of source, time flushed, and time sampled. Field information forms are included in Attachment B.

Once sampling was complete, the samples were transferred under proper chain-of-custody procedures to TekLab, Inc. of Collinsville, Illinois for analysis.

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Analytical Summary

A total of 51 water samples were collected from Scott Education Center located at 310 South Scott Avenue. A summary table is included in Attachment C. Of the 51 samples collected, 10 exceeded the Missouri SB681 Action Level for lead of 5 ppb as shown in the table below. Sample locations that exceeded the Action Level for lead are also identified on the facility maps in Attachment A.

Summary of Lead Results Exceeding Action Levels

Sample ID	Location Description	Lead Concentration
SEC1-S2	Sink in Room 23	7.4
SEC1-S3	Sink in Room 21	8.8
SEC1-S4	Sink in Room 22	13.9
SEC1-S5	Sink in Room 20	13.6
SEC1-S31	Sink in Room 1	6.5
SEC1-O32	Bubbler in Room 1	7.1
SEC1-S34	Sink in Room 2	8.5
SEC1-O44	Bubbler in Room 5	55.4
SEC1-S47	Sink in Room 8	5.3
SEC1-S50	Sink in Room 12	6.3

*Concentrations in µg/L

A copy of the laboratory analytical report is included as Attachment D.

Recommendations

Recommendations for those water sources that exceed the action levels include removal of the location from services, or filtering, depending on the individual results.

Limitations

This report was prepared in accordance with that level of skill and care ordinarily exercised by other members of Blackstone's profession practicing in the same locality and under similar conditions when the services were provided. No warranties, express or implied, are intended or made.

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Closing

If you have any questions, or need further assistance, please contact Lindsay James at 913-522-0370.

Respectfully,
BLACKSTONE ENVIRONMENTAL, INC.

Kaley S. Muir
Environmental Chemist

John Paul Knightly, CHMM
Senior Project Manager

Enclosures Attachment A – Facility Maps
Attachment B – Field Forms
Attachment C – Summary Table
Attachment D – Laboratory Analytical Report

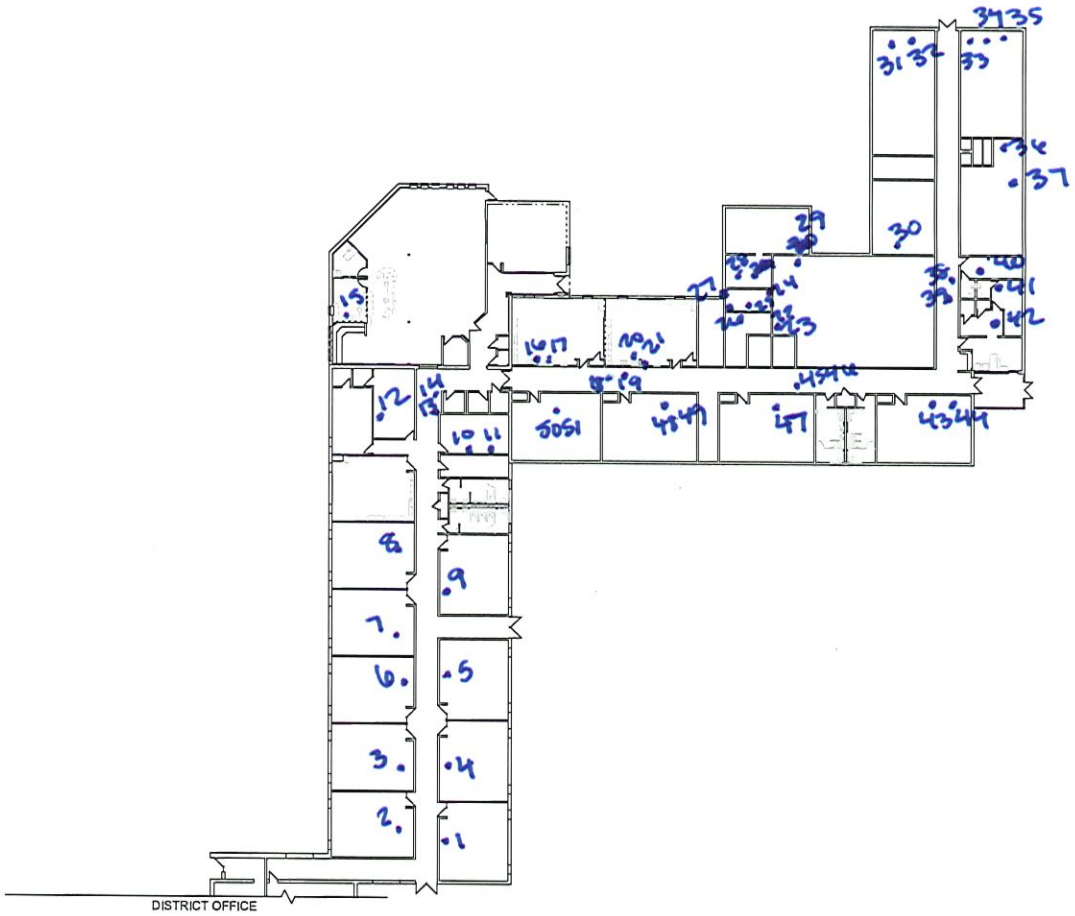
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BLACKSTONE ENVIRONMENTAL

ATTACHMENT A

Scott Education Center
Facility Maps

SEC



SCOTT EDUCATIONAL CENTER

BELTON, MISSOURI

NORTH

Scale: 1" = 40'-0"

BLACKSTONE ENVIRONMENTAL

ATTACHMENT B

Scott Education Center
Field Forms

Missouri School Districts DW

Date Purged 5/30 School Scott Edu Center Team AR+KM

Date Sampled _____

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
1	1	X			24 sink	12:52	8:20
2	1	X			23 sink	12:52	8:20
3	1	X			21 sink	12:52	8:20
4	1	X			22 sink	12:52	8:20
5	1	X			20 sink	12:52	8:20
6	1	X			19 sink	12:52	8:[illegible]21
7	1	X			17 sink	12:53	8:[illegible]21
8	1	X			16 sink	12:53	8:[illegible]21
9	1	X			18 sink	12:53	8:21
10	1	X			lounge sink	12:55	8:24
11	1			X	lounge water dispenser	12:55	8:25
12	1	X			14a sink	12:55	8:25
13	1			X	filler by lounge	12:56	8:27
14	1		X		fountain by lounge	12:56	8:27
15	1	X			media center office sink	13:01	8:29
16	1	X			11 sink	13:06	8:33
17	1			X	11 bubbler	13:06	8:33
18	1			X	filler across from 10	13:06	8:34
19	1		X		fountain across from 10	13:06	8:34
20	1	X			9 sink	13:07	8:35
21	1			X	9 bubbler	13:07	8:35
22	1			X	filler in cafeteria	13:12	8:38
23	1		X		fountain in cafeteria	13:12	8:38
24	1	X			sink w sprayer by dishwasher	13:13	8:42

Missouri School Districts DW

Date Purged 5/30
Date Sampled

School Scott Edu Center

Team AR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
25	1			X	dishwasher	13:13	8:42
26	1			X	ice machine	13:13	8:43
27	1	X			(L) dish sink	13:13	8:43
28	1	X			(r) dish sink	13:13	8:44
29	1	X			hand wash sink	13:13	8:45
30	1	X			3 sink	13:18	8:49
31	1	X			1 sink	13:18	8:51
32	1			X	1 bubbler	13:18	8:51
33	1			X	2 water dispenser	13:19	8:53
34	1	X			2 sink	13:19	8:53
35	1			X	2 bubbler	13:19	8:53
36	1			X	4 fridge ice maker	13:24	8:55
37	1	X			4 sink	13:24	8:55
38	1			X	filler by nurse	13:26	8:59
39	1		X		fountain by nurse	13:26	8:59
40	1	X			nurse sink	13:26	9:00
41	1	X			lounge sink by microwave	13:26	9:00
42	1	X			lounge sink	13:26	9:00
43	1	X			5 sink	13:31	9:06
44	1			X	5 bubbler	13:31	9:06
45	1			X	filler by cafeteria in hall	13:32	9:07
46	1		X		fountain by cafeteria in hall	13:32	9:07
47	1	X			8 sink	13:35	9:10
48	1	X			10 sink	13:35	9:10

Missouri School Districts DW

Date Purged 5/30
Date Sampled

School Scott Edu Center

Team AR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
49	1			X	10 bubbler	13:35	9:10
50	1	X			12 sink	13:37	9:12
51	1			X	12 bubbler	13:37	9:12

BLACKSTONE ENVIRONMENTAL

ATTACHMENT C

Scott Education Center
Summary Table

Summary Table
Scott Education Center

Sample ID	Date	Analyte	Result	Unit	Reporting Limit
SEC1-S1	5/31/2024	Lead	**4.5**	µg/L	1
SEC1-S2	5/31/2024	Lead	**7.4**	µg/L	1
SEC1-S3	5/31/2024	Lead	**8.8**	µg/L	1
SEC1-S4	5/31/2024	Lead	**13.9**	µg/L	1
SEC1-S5	5/31/2024	Lead	**13.6**	µg/L	1
SEC1-S6	5/31/2024	Lead	**2.6**	µg/L	1
SEC1-S7	5/31/2024	Lead	**1.8**	µg/L	1
SEC1-S8	5/31/2024	Lead	**3.7**	µg/L	1
SEC1-S9	5/31/2024	Lead	**1.9**	µg/L	1
SEC1-S10	5/31/2024	Lead	**1.5**	µg/L	1
SEC1-011	5/31/2024	Lead	ND	µg/L	1
SEC1-S12	5/31/2024	Lead	**1.1**	µg/L	1
SEC1-013	5/31/2024	Lead	ND	µg/L	1
SEC1-DF14	5/31/2024	Lead	ND	µg/L	1
SEC1-S15	5/31/2024	Lead	ND	µg/L	1
SEC1-S16	5/31/2024	Lead	ND	µg/L	1
SEC1-017	5/31/2024	Lead	ND	µg/L	1
SEC1-018	5/31/2024	Lead	ND	µg/L	1
SEC1-DF19	5/31/2024	Lead	ND	µg/L	1
SEC1-S20	5/31/2024	Lead	**3.7**	µg/L	1
SEC1-021	5/31/2024	Lead	**2.7**	µg/L	1
SEC1-022	5/31/2024	Lead	ND	µg/L	1
SEC1-DF23	5/31/2024	Lead	ND	µg/L	1
SEC1-S24	5/31/2024	Lead	ND	µg/L	1
SEC1-025	5/31/2024	Lead	ND	µg/L	1
SEC1-026	5/31/2024	Lead	ND	µg/L	1
SEC1-S27	5/31/2024	Lead	ND	µg/L	1
SEC1-S28	5/31/2024	Lead	ND	µg/L	1
SEC1-S29	5/31/2024	Lead	ND	µg/L	1
SEC1-S30	5/31/2024	Lead	**1.3**	µg/L	1
SEC1-S31	5/31/2024	Lead	**6.5**	µg/L	1
SEC1-032	5/31/2024	Lead	**7.1**	µg/L	1
SEC1-033	5/31/2024	Lead	ND	µg/L	1
SEC1-S34	5/31/2024	Lead	**8.5**	µg/L	1
SEC1-035	5/31/2024	Lead	**4.3**	µg/L	1
SEC1-036	5/31/2024	Lead	ND	µg/L	1
SEC1-S37	5/31/2024	Lead	ND	µg/L	1
SEC1-038	5/31/2024	Lead	ND	µg/L	1
SEC1-DF39	5/31/2024	Lead	ND	µg/L	1
SEC1-S40	5/31/2024	Lead	ND	µg/L	1
SEC1-S41	5/31/2024	Lead	ND	µg/L	1
SEC1-S42	5/31/2024	Lead	ND	µg/L	1
SEC1-S43	5/31/2024	Lead	**2.2**	µg/L	1

SEC1-044	5/31/2024	Lead	**55.4**	µg/L	1
SEC1-045	5/31/2024	Lead	ND	µg/L	1
SEC1-DF46	5/31/2024	Lead	**1.1**	µg/L	1
SEC1-S47	5/31/2024	Lead	**5.3**	µg/L	1
SEC1-S48	5/31/2024	Lead	**4.5**	µg/L	1
SEC1-049	5/31/2024	Lead	**2.2**	µg/L	1
SEC1-S50	5/31/2024	Lead	**6.3**	µg/L	1
SEC1-051	5/31/2024	Lead	**4.3**	µg/L	1

µg/L: micrograms per liter
Bolded results indicate detection above reporting limits
Results in red indicate Action Level of 5 ppb for lead is exceeded

BLACKSTONE ENVIRONMENTAL

ATTACHMENT D

Scott Education Center
Laboratory Analytical Report

June 14, 2024

Kaley Muir
Blackstone Environmental, Inc.
16200 Foster Street
Overland Park, KS 66085
TEL: (913) 495-9990
FAX:

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

RE: School DW Lead3659 - Belton School District DW **WorkOrder:** 24060007

Dear Kaley Muir:

TEKLAB, INC received 51 samples on 6/1/2024 2:15:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Patrick Riley

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

Report Contents

http://www.teklabinc.com/

Client: Blackstone Environmental, Inc.
Work Order: 24060007
Client Project: School DW Lead3659 - Belton School District DW
Report Date: 14-Jun-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	9
Chain of Custody	Appended

Client: Blackstone Environmental, Inc. **Work Order:** 24060007

Client Project: School DW Lead3659 - Belton School District DW **Report Date:** 14-Jun-24

Abbr Definition

*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Blackstone Environmental, Inc. **Work Order:** 24060007

Client Project: School DW Lead3659 - Belton School District DW **Report Date:** 14-Jun-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: Blackstone Environmental, Inc.
Work Order: 24060007
Client Project: School DW Lead3659 - Belton School District DW
Report Date: 14-Jun-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: Blackstone Environmental, Inc. **Work Order:** 24060007

Client Project: School DW Lead3659 - Belton School District DW **Report Date:** 14-Jun-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Blackstone Environmental, Inc. **Work Order:** 24060007

Client Project: School DW Lead3659 - Belton School District DW **Report Date:** 14-Jun-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									
24060007-001A	SEC1-S1	NELAP		1.0	**4.5**	µg/L	1	06/11/2024 4:09	05/31/2024 8:20
24060007-002A	SEC1-S2	NELAP		1.0	**7.4**	µg/L	1	06/11/2024 4:13	05/31/2024 8:20
24060007-003A	SEC1-S3	NELAP		1.0	**8.8**	µg/L	1	06/11/2024 4:17	05/31/2024 8:20
24060007-004A	SEC1-S4	NELAP		1.0	**13.9**	µg/L	1	06/11/2024 4:21	05/31/2024 8:20
24060007-005A	SEC1-S5	NELAP		1.0	**13.6**	µg/L	1	06/11/2024 4:50	05/31/2024 8:20
24060007-006A	SEC1-S6	NELAP		1.0	**2.6**	µg/L	1	06/11/2024 4:54	05/31/2024 8:21
24060007-007A	SEC1-S7	NELAP		1.0	**1.8**	µg/L	1	06/11/2024 4:25	05/31/2024 8:21
24060007-008A	SEC1-S8	NELAP		1.0	**3.7**	µg/L	1	06/11/2024 4:58	05/31/2024 8:21
24060007-009A	SEC1-S9	NELAP		1.0	**1.9**	µg/L	1	06/11/2024 5:02	05/31/2024 8:21
24060007-010A	SEC1-S10	NELAP		1.0	**1.5**	µg/L	1	06/11/2024 5:06	05/31/2024 8:24
24060007-011A	SEC1-011	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 5:10	05/31/2024 8:25
24060007-012A	SEC1-S12	NELAP		1.0	**1.1**	µg/L	1	06/11/2024 5:14	05/31/2024 8:25
24060007-013A	SEC1-013	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 5:43	05/31/2024 8:27
24060007-014A	SEC1-DF14	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 5:47	05/31/2024 8:27
24060007-015A	SEC1-S15	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 5:19	05/31/2024 8:29
24060007-016A	SEC1-S16	NELAP		1.0	**< 1.0**	µg/L	5	06/11/2024 12:07	05/31/2024 8:33
24060007-017A	SEC1-017	NELAP		1.0	**< 1.0**	µg/L	5	06/11/2024 12:11	05/31/2024 8:33
24060007-018A	SEC1-018	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 5:52	05/31/2024 8:34
24060007-019A	SEC1-DF19	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 5:56	05/31/2024 8:34
24060007-020A	SEC1-S20	NELAP		1.0	**3.7**	µg/L	5	06/11/2024 12:15	05/31/2024 8:35
24060007-021A	SEC1-021	NELAP		1.0	**2.7**	µg/L	5	06/10/2024 18:09	05/31/2024 8:35
24060007-022A	SEC1-022	NELAP		1.0	**< 1.0**	µg/L	5	06/11/2024 13:16	05/31/2024 8:38
24060007-023A	SEC1-DF23	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 18:04	05/31/2024 8:38
24060007-024A	SEC1-S24	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 6:00	05/31/2024 8:42
24060007-025A	SEC1-025	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 6:04	05/31/2024 8:42
24060007-026A	SEC1-026	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 6:08	05/31/2024 8:43
24060007-027A	SEC1-S27	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 6:12	05/31/2024 8:43
24060007-028A	SEC1-S28	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 6:16	05/31/2024 8:44
24060007-029A	SEC1-S29	NELAP		1.0	**< 1.0**	µg/L	5	06/11/2024 3:15	05/31/2024 8:45
24060007-030A	SEC1-S30	NELAP		1.0	**1.3**	µg/L	1	06/11/2024 6:20	05/31/2024 8:49
24060007-031A	SEC1-S31	NELAP		1.0	**6.5**	µg/L	5	06/11/2024 3:19	05/31/2024 8:51
24060007-032A	SEC1-032	NELAP		1.0	**7.1**	µg/L	5	06/11/2024 3:22	05/31/2024 8:51
24060007-033A	SEC1-033	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 23:56	05/31/2024 8:53
24060007-034A	SEC1-S34	NELAP		1.0	**8.5**	µg/L	5	06/11/2024 3:25	05/31/2024 8:53
24060007-035A	SEC1-035	NELAP		1.0	**4.3**	µg/L	5	06/11/2024 3:29	05/31/2024 8:53
24060007-036A	SEC1-036	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 0:25	05/31/2024 8:55
24060007-037A	SEC1-S37	NELAP		1.0	**< 1.0**	µg/L	5	06/11/2024 3:53	05/31/2024 8:55
24060007-038A	SEC1-038	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 0:29	05/31/2024 8:59
24060007-039A	SEC1-DF39	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 0:34	05/31/2024 8:59
24060007-040A	SEC1-S40	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 0:38	05/31/2024 9:00
24060007-041A	SEC1-S41	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 0:42	05/31/2024 9:00
24060007-042A	SEC1-S42	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 9:55	05/31/2024 9:00
24060007-043A	SEC1-S43	NELAP		1.0	**2.2**	µg/L	5	06/11/2024 3:32	05/31/2024 9:06
24060007-044A	SEC1-044	NELAP		1.0	**55.4**	µg/L	5	06/11/2024 3:56	05/31/2024 9:06
24060007-045A	SEC1-045	NELAP		1.0	**< 1.0**	µg/L	5	06/11/2024 3:59	05/31/2024 9:07
24060007-046A	SEC1-DF46	NELAP		1.0	**1.1**	µg/L	5	06/11/2024 4:03	05/31/2024 9:07
24060007-047A	SEC1-S47	NELAP		1.0	**5.3**	µg/L	5	06/11/2024 4:06	05/31/2024 9:10
24060007-048A	SEC1-S48	NELAP		1.0	**4.5**	µg/L	5	06/11/2024 4:10	05/31/2024 9:10

Client: Blackstone Environmental, Inc. **Work Order:** 24060007

Client Project: School DW Lead3659 - Belton School District DW **Report Date:** 14-Jun-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									
24060007-049A	SEC1-049	NELAP		1.0	**2.2**	µg/L	5	06/11/2024 4:13	05/31/2024 9:10
24060007-050A	SEC1-S50	NELAP		1.0	**6.3**	µg/L	5	06/12/2024 15:04	05/31/2024 9:12
24060007-051A	SEC1-051	NELAP		1.0	**4.3**	µg/L	5	06/12/2024 15:07	05/31/2024 9:12

Receiving Check List

http://www.teklabinc.com/

Client: Blackstone Environmental, Inc. **Work Order:** 24060007

Client Project: School DW Lead3659 - Belton School District DW **Report Date:** 14-Jun-24

Carrier: Crossroads **Received By:** LEH

Completed by: Amber Dilallo **On:** 03-Jun-24

Reviewed by: Ellie Hopkins **On:** 03-Jun-24

Pages to follow: Chain of custody 5 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 - 6/3/2024 9:56:05 AM

Print PDF

CHAIN OF CUSTODY

Pg 1 of 5 Workorder # 240600007

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

Client: Blackstone Environmentaal, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 459-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Scott Education Center

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
3659 - Belton School District DW	KM + AR

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: DW Lead
240600007-001	SEC1 - S1	5/31/24 @ 8:20	Drinking Water	1									✓
002	SEC1 - S2	5/31/24 @ 8:20	Drinking Water	1									✓
003	SEC1 - S3	5/31/24 @ 8:20	Drinking Water	1									✓
004	SEC1 - S4	5/31/24 @ 8:20	Drinking Water	1									✓
005	SEC1 - S5	5/31/24 @ 8:20	Drinking Water	1									✓
006	SEC1 - S6	5/31/24 @ 8:21	Drinking Water	1									✓
007	SEC1 - S7	5/31/24 @ 8:21	Drinking Water	1									✓
008	SEC1 - S8	5/31/24 @ 8:21	Drinking Water	1									✓
009	SEC1 - S9	5/31/24 @ 8:21	Drinking Water	1									✓
010	SEC1 - S10	5/31/24 @ 8:24	Drinking Water	1									✓
011	SEC1 - 011	5/31/24 @ 8:25	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	5/31/24 @ 1045	[signature]	5/31/24 1047
[signature]	5/31/24 1600		
[signature]	6/1/24 1445	[signature] XY	6/1/24 1415

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CHAIN OF CUSTODY

Pg 2 of 5 Workorder # 24060007

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

Client: Blackstone Environmentaal, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 459-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Scott Education Center

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24060007 DVL	SEC1 - S12	5/31/24 @ 8:25	Drinking Water	1									✓
013	SEC1 - 013	5/31/24 @ 8:27	Drinking Water	1									✓
014	SEC1 - DF14	5/31/24 @ 8:29	Drinking Water	1									✓
015	SEC1 - S15	5/31/24 @ 8:29	Drinking Water	1									✓
016	SEC1 - S16	5/31/24 @ 8:33	Drinking Water	1									✓
017	SEC1 - 017	5/31/24 @ 8:33	Drinking Water	1									✓
018	SEC1 - 018	5/31/24 @ 8:34	Drinking Water	1									✓
019	SEC1 - DB19	5/31/24 @ 8:34	Drinking Water	1									✓
020	SEC1 - S20	5/31/24 @ 8:35	Drinking Water	1									✓
021	SEC1 - 021	5/31/24 @ 8:35	Drinking Water	1									✓
022	SEC1 - 022	5/31/24 @ 8:38	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
	5/31/24 @ 1045		5/31/24 1047
	5/31/24 1690		
	Cont 2nd		6/1/24 1415

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CHAIN OF CUSTODY

Pg 3 of 5 Workorder # 24060007

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

Client: Blackstone Environmentaal, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 459-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Scott Education Center

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24060007-023	SEC1 - DF23	5/31/24 @ 8:38	Drinking Water	1									✔
024	SEC1 - S24	5/31/24 @ 8:42	Drinking Water	1									✔
025	SEC1 - 025	5/31/24 @ 8:42	Drinking Water	1									✔
026	SEC1 - 026	5/31/24 @ 8:43	Drinking Water	1									✔
027	SEC1 - S27	5/31/24 @ 8:43	Drinking Water	1									✔
028	SEC1 - S28	5/31/24 @ 8:44	Drinking Water	1									✔
029	SEC1 - S29	5/31/24 @ 8:45	Drinking Water	1									✔
030	SEC1 - S30	5/31/24 @ 8:49	Drinking Water	1									✔
031	SEC1 - S31	5/31/24 @ 8:51	Drinking Water	1									✔
032	SEC1 - 032	5/31/24 @ 8:51	Drinking Water	1									✔
033	SEC1 - 033	5/31/24 @ 8:53	Drinking Water	1									✔

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/31/24 @ 1045		5/31/24 1047
	5/31/24 1600		
	6/1/24 1418		6/1/24 1415

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CHAIN OF CUSTODY

Pg 4 of 5 Workorder # 24060007

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

Client: Blackstone Environmentaal, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 459-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Scott Education Center

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24060007034	SEC1 - 534	5/31/24 @ 8:53	Drinking Water	1									✔
035	SEC1 - 035	5/31/24 @ 8:53	Drinking Water	1									✔
036	SEC1 - 036	5/31/24 @ 8:55	Drinking Water	1									✔
037	SEC1 - 537	5/31/24 @ 8:55	Drinking Water	1									✔
038	SEC1 - 038	5/31/24 @ 8:59	Drinking Water	1									✔
039	SEC1 - DF39	5/31/24 @ 8:59	Drinking Water	1									✔
040	SEC1 - 540	5/31/24 @ 9:00	Drinking Water	1									✔
041	SEC1 - 541	5/31/24 @ 9:00	Drinking Water	1									✔
042	SEC1 - 542	5/31/24 @ 9:00	Drinking Water	1									✔
043	SEC1 - 543	5/31/24 @ 9:04	Drinking Water	1									✔
044	SEC1 - 044	5/31/24 @ 9:04	Drinking Water	1									✔

Relinquished By	Date/Time	Received By	Date/Time
[signature]	5/31/24 @ 1045	[signature]	5/31/24 1047
[signature]	5/31/24 1600		
[signature]	6/1 1415	[signature]	6/1/24 1415

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CHAIN OF CUSTODY

Pg __ of 5 Workorder # 24060007

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

Client: Blackstone Environmentaal, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 459-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Scott Education Center

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24060007-045	SEC1 - 045	5/31/24 @ 9:07	Drinking Water	1									✔
046	SEC1 - DF46	5/31/24 @ 9:07	Drinking Water	1									✔
047	SEC1 - 547	5/31/24 @ 9:10	Drinking Water	1									✔
048	SEC1 - 548	5/31/24 @ 9:10	Drinking Water	1									✔
049	SEC1 - 049	5/31/24 @ 9:10	Drinking Water	1									✔
050	SEC1 - 550	5/31/24 @ 9:12	Drinking Water	1									✔
051	SEC1 - 051	5/31/24 @ 9:12	Drinking Water	1									✔
	SEC1 -	5/31/24 @	Drinking Water	1									✔
	SEC1 -	5/31/24 @	Drinking Water	1									✔
	SEC1 -	5/31/24 @	Drinking Water	1									✔
	SEC1 -	5/31/24 @	Drinking Water	1									✔

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/31/24 @ 1045		5/31/24 1047
	5/31/24 1600		
	6/1 1418		6/1/24 1415

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June 28, 2024

Mr. Steven Troutwine
Belton School District #124
Director of Facilities

RE: Belton School District #124 – Drinking Water Testing Services
Southwick Stadium and Curriculum Center
813 West North Avenue

Dear Mr. Troutwine:

Blackstone Environmental Inc., (Blackstone) has been contracted by the Belton School District #24 to provide lead in drinking water sampling for the high-priority potable water sources throughout the school district. The objective of the sampling was to determine the lead concentrations in these potable water sources throughout the school district and to identify sources exceeding the Missouri SB681 Action Level of 5 µg/L (parts per billion (ppb)).

Background

Testing and reporting has been conducted in accordance with Missouri State Statute 160-077, Get the Lead Out of School Drinking Water Act, and included sampling of potable water fixtures used for drinking or food preparation including water fountains, faucets, taps, ice making machines, hot drink machines, and outlets used for dispensing water for cooking or for cleaning cooking and eating utensils.

Field Sampling

Field sampling procedures included preparing an inventory of drinking water outlets and outlets that are used for dispensing water for cooking or for cleaning cooking and eating utensils. Each of these locations are marked on the facility maps included in Attachment A.

Each water source was flushed for a minimum of five minutes. Signage was then attached to the source to prevent it from being used prior to sample collection. Between 8 and 18 hours after the source was flushed, Blackstone personnel returned to collect a water sample into laboratory supplied 250-mL sample containers for analysis of total lead concentration by EPA Method 200.8. New nitrile gloves were worn for each sample collection. Labels were prepared and affixed to each sampling container stating the sample location, technicians name, and date and time of sample collection. Field forms were prepared for each school to document pertinent information including sample identification, type of source, time flushed, and time sampled. Field information forms are included in Attachment B.

Once sampling was complete, the samples were transferred under proper chain-of-custody procedures to TekLab, Inc. of Collinsville, Illinois for analysis.

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Analytical Summary

A total of 12 water samples were collected from Southwick Stadium and Curriculum Center located at 813 West North Avenue. A summary table is included in Attachment C. Of the 12 samples collected, 2 exceeded the Missouri SB681 Action Level for lead of 5 ppb as shown in the table below. Sample locations that exceeded the Action Level for lead are also identified on the facility maps in Attachment A.

Summary of Lead Results Exceeding Action Levels

Sample ID	Location Description	Lead Concentration
SSCC1-O4	Concessions Ice Machine	45.5
SSCC1-S6	Concession Hand Wash Sink	11.5

*Concentrations in µg/L

A copy of the laboratory analytical report is included as Attachment D.

Recommendations

Recommendations for those water sources that exceed the action levels include removal of the location from services, or filtering, depending on the individual results.

Limitations

This report was prepared in accordance with that level of skill and care ordinarily exercised by other members of Blackstone's profession practicing in the same locality and under similar conditions when the services were provided. No warranties, express or implied, are intended or made.

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Closing

If you have any questions, or need further assistance, please contact Lindsay James at 913-522-0370.

Respectfully,
BLACKSTONE ENVIRONMENTAL, INC.

Kaley S. Muir
Environmental Chemist

John Paul Knightly, CHMM
Senior Project Manager

Enclosures Attachment A – Facility Maps
Attachment B – Field Forms
Attachment C – Summary Table
Attachment D – Laboratory Analytical Report

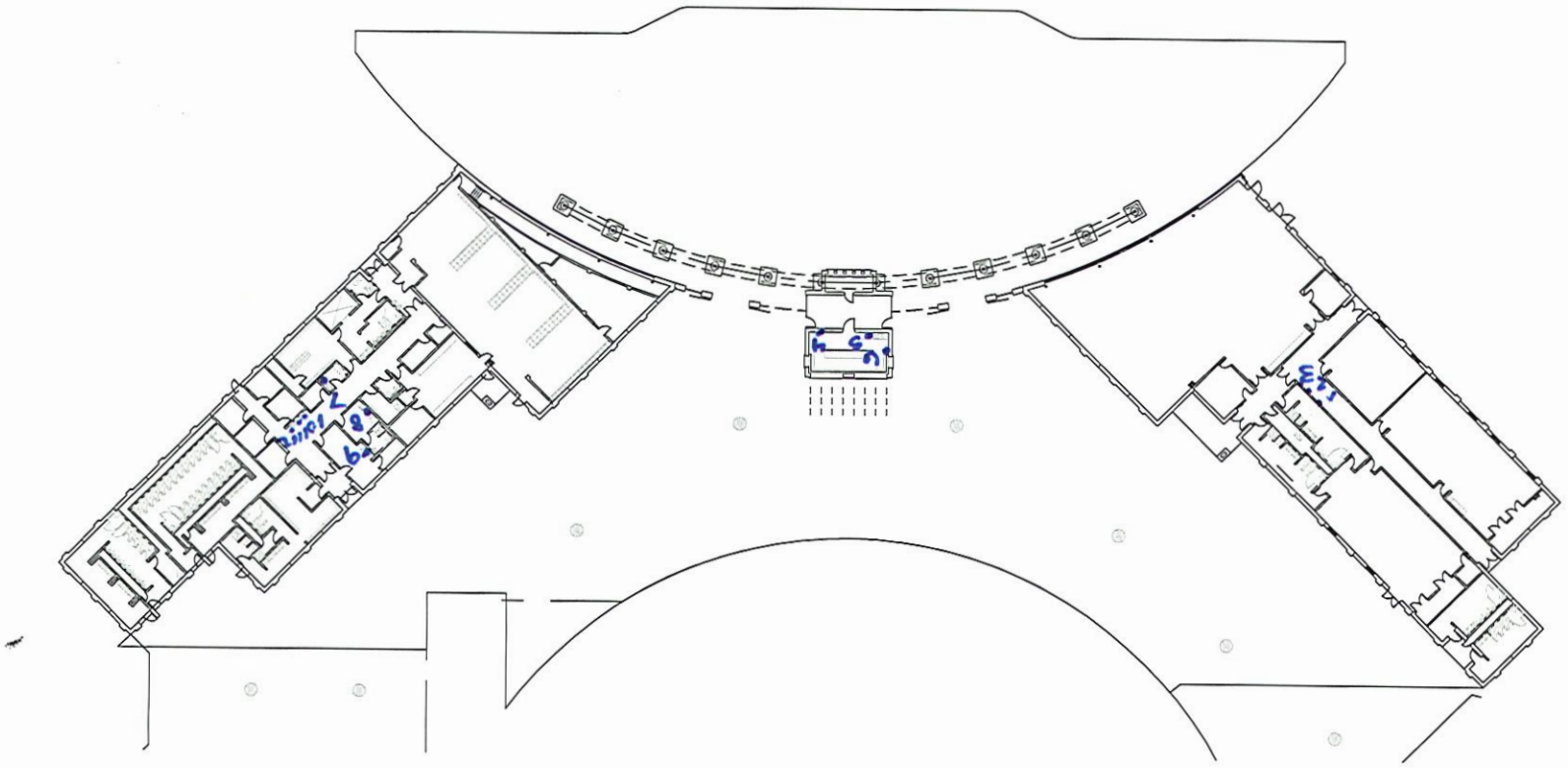
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BLACKSTONE ENVIRONMENTAL

ATTACHMENT A

Southwick Stadium and Curriculum Center
Facility Maps

SSCC



SOUTHWICK STADIUM AND CURRICULUM CENTER

BELTON, MISSOURI

NORTH Scale: 1" = 40'-0"

BLACKSTONE ENVIRONMENTAL

ATTACHMENT B

Southwick Stadium and Curriculum Center
Field Forms

Missouri School Districts DW

Date Purged 5/29
Date Sampled 5/30

School Southwick Stad

Team CR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
1	1		X		(l) fountain by 205 } curriculum	12:10	8:18
2	1			X	(r) filler by 205 } curriculum	12:10	8:18
3	1		X		(r) fountain by 205 } curriculum	12:10	8:18
4	1			X	concessions ice machine	12:16	8:20
5	1	X			concessions dish sink	12:16	8:20
6	1	X			concessions hand sink	12:16	8:20
7	1			X	athletics 114 ice machine	12:22	8:22
8	1	X			Athletics 113 sink	12:22	8:22
9	1	X			athletics training sink	12:22	8:22
10	1		X		athletics (r) fountain by training	12:23	8:23
11	1		X		athletics (m) fountain by training	12:23	8:23
12	1		X		athletics (l) fountain by training	12:23	8:23

BLACKSTONE ENVIRONMENTAL

ATTACHMENT C

Southwick Stadium and Curriculum Center
Summary Table

Summary Table
Southwick Stadium and Curriculum Center

Sample ID	Date	Analyte	Result	Unit	Reporting Limit
SSCC1-DF1	5/30/2024	Lead	ND	µg/L	1
SSCC1-02	5/30/2024	Lead	ND	µg/L	1
SSCC1-DF3	5/30/2024	Lead	ND	µg/L	1
SSCC1-04	5/30/2024	Lead	**45.5**	µg/L	1
SSCC1-S5	5/30/2024	Lead	**1.7**	µg/L	1
SSCC1-S6	5/30/2024	Lead	**11.5**	µg/L	1
SSCC1-07	5/30/2024	Lead	ND	µg/L	1
SSCC1-S8	5/30/2024	Lead	ND	µg/L	1
SSCC1-S9	5/30/2024	Lead	**1.1**	µg/L	1
SSCC1-DF10	5/30/2024	Lead	ND	µg/L	1
SSCC1-DF11	5/30/2024	Lead	ND	µg/L	1
SSCC1-DF12	5/30/2024	Lead	ND	µg/L	1

µg/L: micrograms per liter
Bolded results indicate detection above reporting limits
Results in red indicate Action Level of 5 ppb for lead is exceeded

BLACKSTONE ENVIRONMENTAL

ATTACHMENT D

Southwick Stadium and Curriculum Center
Laboratory Analytical Report

June 12, 2024

Kaley Muir
Blackstone Environmental, Inc.
16200 Foster Street
Overland Park, KS 66085
TEL: (913) 495-9990
FAX:

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

RE: 3659 - Belton School District DW-S. Stadium and CC

WorkOrder: 24060028

Dear Kaley Muir:

TEKLAB, INC received 12 samples on 6/1/2024 2:15:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Patrick Riley

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

Report Contents

Client: Blackstone Environmental, Inc. **Work Order:** 24060028

Client Project: 3659 - Belton School District DW-S. Stadium and CC **Report Date:** 12-Jun-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	8
Chain of Custody	Appended

Client: Blackstone Environmental, Inc. **Work Order:** 24060028

Client Project: 3659 - Belton School District DW-S. Stadium and CC **Report Date:** 12-Jun-24

Abbr	Definition
*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Blackstone Environmental, Inc. **Work Order:** 24060028

Client Project: 3659 - Belton School District DW-S. Stadium and CC **Report Date:** 12-Jun-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: Blackstone Environmental, Inc.
Work Order: 24060028
Client Project: 3659 - Belton School District DW-S. Stadium and CC
Report Date: 12-Jun-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: Blackstone Environmental, Inc. **Work Order:** 24060028

Client Project: 3659 - Belton School District DW-S. Stadium and CC **Report Date:** 12-Jun-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Blackstone Environmental, Inc. **Work Order:** 24060028

Client Project: 3659 - Belton School District DW-S. Stadium and CC **Report Date:** 12-Jun-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									
24060028-001A	SSCC1-DF1	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 15:02	05/30/2024 8:18
24060028-002A	SSCC1-02	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 15:26	05/30/2024 8:18
24060028-003A	SSCC1-DF3	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 15:29	05/30/2024 8:18
24060028-004A	SSCC1-04	NELAP		1.0	**45.5**	µg/L	5	06/11/2024 4:16	05/30/2024 8:20
24060028-005A	SSCC1-S5	NELAP		1.0	**1.7**	µg/L	5	06/11/2024 4:44	05/30/2024 8:20
24060028-006A	SSCC1-S6	NELAP		1.0	**11.5**	µg/L	5	06/11/2024 4:47	05/30/2024 8:20
24060028-007A	SSCC1-07	NELAP		1.0	**< 1.0**	µg/L	5	06/11/2024 4:50	05/30/2024 8:22
24060028-008A	SSCC1-S8	NELAP		1.0	**< 1.0**	µg/L	5	06/11/2024 4:54	05/30/2024 8:22
24060028-009A	SSCC1-S9	NELAP		1.0	**1.1**	µg/L	1	06/06/2024 15:33	05/30/2024 8:22
24060028-010A	SSCC1-DF10	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 15:50	05/30/2024 8:23
24060028-011A	SSCC1-DF11	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 15:36	05/30/2024 8:23
24060028-012A	SSCC1-DF12	NELAP		1.0	**< 1.0**	µg/L	1	06/06/2024 15:39	05/30/2024 8:23

Receiving Check List

http://www.teklabinc.com/

Client: Blackstone Environmental, Inc.
Work Order: 24060028
Client Project: 3659 - Belton School District DW-S. Stadium and CC
Report Date: 12-Jun-24

Carrier: Crossroads
Received By: NR

Completed by: Amber Dilallo
On: 03-Jun-24

Reviewed by: Ellie Hopkins
On: 03-Jun-24

Pages to follow: Chain of custody 2 Extra pages included 0

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

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

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

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

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory. - amberdilallo - 6/3/2024 3:01:21 PM

Print PDF

CHAIN OF CUSTODY

Pg 1 of 2 Workorder # 24066028

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Southwick Stadium and Curriculum Center

PROJECT NAME/NUMBER
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
2406028-001	SSCC1 - DF1	5/30/24 @ 8:18	Drinking Water	1									✓
002	SSCC1 - 02	5/30/24 @ 8:18	Drinking Water	1									✓
003	SSCC1 - DF3	5/30/24 @ 8:18	Drinking Water	1									✓
004	SSCC1 - 04	5/30/24 @ 8:20	Drinking Water	1									✓
005	SSCC1 - S5	5/30/24 @ 8:20	Drinking Water	1									✓
006	SSCC1 - S6	5/30/24 @ 8:20	Drinking Water	1									✓
007	SSCC1 - 07	5/30/24 @ 8:22	Drinking Water	1									✓
008	SSCC1 - S8	5/30/24 @ 8:22	Drinking Water	1									✓
009	SSCC1 - S9	5/30/24 @ 8:22	Drinking Water	1									✓
010	SSCC1 - DF10	5/30/24 @ 8:23	Drinking Water	1									✓
011	SSCC1 - DF11	5/30/24 @ 8:23	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	5/30/24 - 15:00	[signature]	5/31/24 1047
[signature]	5/31/24 1600	Nick Reed (XX)	6/1/24 745

*The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions

Print PDF

CHAIN OF CUSTODY

Pg 1 of 2 Workorder # 24060028

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Southwick Stadium and Curriculum Center

PROJECT NAME/NUMBER
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
24060028 01L	SSCC1 - DF12	5/30/24 @ 8:23	Drinking Water	1									✓
	~~SSCC1 -~~	~~5/30/24 @~~	~~Drinking Water~~	1									✓
	~~SSCC1 -~~	~~5/30/24 @~~	~~Drinking Water~~	1									✓
	~~SSCC1~~	~~5/30/24 @~~	~~Drinking Water~~	1									✓
	~~SSCC1~~	~~5/30/24 @~~	~~Drinking Water~~	1									✓
	~~SSCC1 -~~	~~5/30/24 @~~	~~Drinking Water~~	1									✓
	~~SSCC1 -~~	~~5/30/24 @~~	~~Drinking Water~~	1									✓
	~~SSCC1 -~~	~~5/30/24 @~~	~~Drinking Water~~	1									✓
	~~SSCC1~~	~~5/30/24 @~~	~~Drinking Water~~	1									✓
	SSCC1 -	5/30/24 @	~~Drinking Water~~	1									✓
	SSCC1 -	5/30/24 @	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	5/31/24 @ 1045	[signature]	5/31/24 1047
[signature]	5/31/24 1600	Nick Reed (XX)	6/1/24 1415

*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

June 28, 2024

Mr. Steven Troutwine
Belton School District #124
Director of Facilities

RE: Belton School District #124 – Drinking Water Testing Services
Wilkens STEAM Academy at Hillcrest
106 South Hilcrest Road

Dear Mr. Troutwine:

Blackstone Environmental Inc., (Blackstone) has been contracted by the Belton School District #24 to provide lead in drinking water sampling for the high-priority potable water sources throughout the school district. The objective of the sampling was to determine the lead concentrations in these potable water sources throughout the school district and to identify sources exceeding the Missouri SB681 Action Level of 5 µg/L (parts per billion (ppb)).

Background

Testing and reporting has been conducted in accordance with Missouri State Statute 160-077, Get the Lead Out of School Drinking Water Act, and included sampling of potable water fixtures used for drinking or food preparation including water fountains, faucets, taps, ice making machines, hot drink machines, and outlets used for dispensing water for cooking or for cleaning cooking and eating utensils.

Field Sampling

Field sampling procedures included preparing an inventory of drinking water outlets and outlets that are used for dispensing water for cooking or for cleaning cooking and eating utensils. Each of these locations are marked on the facility maps included in Attachment A.

Each water source was flushed for a minimum of five minutes. Signage was then attached to the source to prevent it from being used prior to sample collection. Between 8 and 18 hours after the source was flushed, Blackstone personnel returned to collect a water sample into laboratory supplied 250-mL sample containers for analysis of total lead concentration by EPA Method 200.8. New nitrile gloves were worn for each sample collection. Labels were prepared and affixed to each sampling container stating the sample location, technicians name, and date and time of sample collection. Field forms were prepared for each school to document pertinent information including sample identification, type of source, time flushed, and time sampled. Field information forms are included in Attachment B.

Once sampling was complete, the samples were transferred under proper chain-of-custody procedures to TekLab, Inc. of Collinsville, Illinois for analysis.

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Analytical Summary

A total of 63 water samples were collected from Wilkens STEAM Academy at Hilcrest located at 106 South Hilcrest Road. A summary table is included in Attachment C. Of the 63 samples collected, 2 exceeded the Missouri SB681 Action Level for lead of 5 ppb as shown in the table below. Sample locations that exceeded the Action Level for lead are also identified on the facility maps in Attachment A.

Summary of Lead Results Exceeding Action Levels

Sample ID	Location Description	Lead Concentration
WSAU-S17	Sink in Room 207	6.8
WSAL-O42	Kitchen - Dishwasher	11.0

*Concentrations in µg/L

A copy of the laboratory analytical report is included as Attachment D.

Recommendations

Recommendations for those water sources that exceed the action levels include removal of the location from services, or filtering, depending on the individual results.

Limitations

This report was prepared in accordance with that level of skill and care ordinarily exercised by other members of Blackstone's profession practicing in the same locality and under similar conditions when the services were provided. No warranties, express or implied, are intended or made.

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Closing

If you have any questions, or need further assistance, please contact Lindsay James at 913-522-0370.

Respectfully,
BLACKSTONE ENVIRONMENTAL, INC.

Kaley S. Muir
Environmental Chemist

John Paul Knightly, CHMM
Senior Project Manager

Enclosures Attachment A – Facility Maps
Attachment B – Field Forms
Attachment C – Summary Table
Attachment D – Laboratory Analytical Report

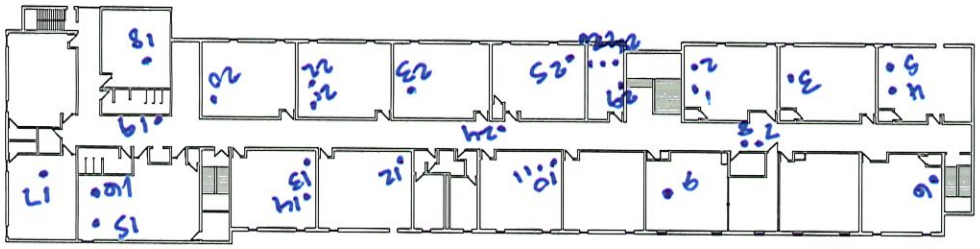
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BLACKSTONE ENVIRONMENTAL

ATTACHMENT A

Wilkens STEAM Academy and Hilcrest Facility Maps

WSA



UPPER LEVEL



LOWER LEVEL

WILCKENS STEAM ACADEMY AT HILLCREST

BELTON, MISSOURI

NORTH Scale: 1" = 40'-0"

ATTACHMENT B

Wilkens STEAM Academy and Hilcrest
Field Forms

Missouri School Districts DW

Date Purged 5/31
Date Sampled 6/1

School Wilkens Steam

Team AR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
1	U	X			218 sink	17:56	7:44
2	U			X	218 bubbler	17:56	7:44
3	U	X			217 sink	17:56	7:47
4	U	X			216 sink	17:56	7:47
5	U			X	216 bubbler	17:56	7:47
6	U	X			215 sink	17:56	7:48
7	U			X	filler by 214	18:00	7:48
8	U		X		fountain by 214	18:00	7:48
9	U	X			nurse sink	18:00	7:53
10	U	X			211 sink	18:05	7:53
11	U			X	211 bubbler	18:05	7:53
12	U	X			210 sink	18:05	7:53
13	U	X			209 sink	18:07	7:54
14	U			X	209 bubbler	18:07	7:54
15	U	X			208 sink (l)	18:07	7:54
16	U	X			208 sink (r)	18:07	7:54
17	U	X			207 sink	18:08	7:55
18	U	X			204 sink	18:10	7:55
19	U			X	filler by 204	18:10	7:55
20	U	X			203 sink	18:15	7:56
21	U	X			202 sink	18:15	7:56
22	U			X	202 bubbler	18:15	7:56
23	U	X			201 sink	18:16	7:57
24	U			X	filler by 213	18:17	7:57

Missouri School Districts DW

Date Purged 5/31
Date Sampled 6/1

School Wilkens Steam

Team OK+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
25	U	X			213 sink	18:17	7:57
26	U	X			faculty room sink	18:22	7:59
27	U			X	faculty dishwasher	18:22	7:59
28	U			X	faculty fridge ice make	18:22	7:59
29	U			X	faculty water dispenser	18:22	7:59
30	L	X			office work room sink	18:27	8:02
31	L	X			117 sink	18:32	8:03
32	L	X			116 sink	18:32	8:04
33	L			X	116 bubbler	18:32	8:04
34	L	X			library office sink	18:34	8:08
35	L			X	(1) filler by gym	18:40	8:08
36	L		X		(1) fountain by gym	18:40	8:08
37	L	X			114 sink	18:45	8:09
38	L	X			113 sink	18:45	8:09
39	L			X	113 bubbler	18:45	8:09
40	L			X	filler by 113	18:45	8:09
41	L	X			sink w/ sprayer	18:51	8:12
42	L			X	dishwasher	18:51	8:12
43	L	X			sink by dishwasher	18:51	8:12
44	L	X			island prep sink	18:51	8:12
45	L			X	ice machine	18:51	8:13
46	L	X			wall prep sink	18:51	8:13
47	L	X			hand wash sink	18:51	8:13
48	L	X			112 sink	18:51	8:15

Missouri School Districts DW

Date Purged 5/31
Date Sampled 6/1

School Wilkens Steam

Team GR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
49	L	X			111 sink	19:01	8:17
50	L			X	111 bubbler	19:01	8:17
51	L	X			110 sink	19:01	8:18
52	L	X			109 sink	19:01	8:18
53	L	X			109b sink	19:01	8:18
54	L			X	filler by 109b	19:01	8:18
55	L	X			105 sink	19:06	8:20
56	L	X			104 sink	19:06	8:20
57	L			X	104 bubbler	19:06	8:20
58	L	X			103 sink	19:06	8:22
59	L			X	103 bubbler	19:06	8:22
60	L	X			102 sink	19:09	8:22
61	L			X	102 bubbler	19:09	8:22
62	L			X	filler by 102	19:09	8:23
63	L		X		fountain by 102	19:09	8:23

ATTACHMENT C

Wilkens STEAM Academy and Hilcrest
Summary Table

Summary Table
Wilkens STEAM Academy at Hilcrest

Sample ID	Date	Analyte	Result	Unit	Reporting Limit
WSAU-S1	6/1/2024	Lead	ND	µg/L	1
WSAU-O2	6/1/2024	Lead	ND	µg/L	1
WSAU-S3	6/1/2024	Lead	ND	µg/L	1
WSAU-S4	6/1/2024	Lead	ND	µg/L	1
WSAU-O5	6/1/2024	Lead	ND	µg/L	1
WSAU-S6	6/1/2024	Lead	ND	µg/L	1
WSAU-O7	6/1/2024	Lead	ND	µg/L	1
WSAU-DF8	6/1/2024	Lead	ND	µg/L	1
WSAU-S9	6/1/2024	Lead	ND	µg/L	1
WSAU-S10	6/1/2024	Lead	ND	µg/L	1
WSAU-O11	6/1/2024	Lead	ND	µg/L	1
WSAU-S12	6/1/2024	Lead	ND	µg/L	1
WSAU-S13	6/1/2024	Lead	ND	µg/L	1
WSAU-O14	6/1/2024	Lead	ND	µg/L	1
WSAU-S15	6/1/2024	Lead	**1.7**	µg/L	1
WSAU-S16	6/1/2024	Lead	ND	µg/L	1
WSAU-S17	6/1/2024	Lead	**6.8**	µg/L	1
WSAU-S18	6/1/2024	Lead	**2.0**	µg/L	1
WSAU-O19	6/1/2024	Lead	ND	µg/L	1
WSAU-S20	6/1/2024	Lead	**2.8**	µg/L	1
WSAU-S21	6/1/2024	Lead	ND	µg/L	1
WSAU-O22	6/1/2024	Lead	ND	µg/L	1
WSAU-S23	6/1/2024	Lead	ND	µg/L	1
WSAU-O24	6/1/2024	Lead	ND	µg/L	1
WSAU-S25	6/1/2024	Lead	**1.0**	µg/L	1
WSAU-S26	6/1/2024	Lead	ND	µg/L	1
WSAU-O27	6/1/2024	Lead	ND	µg/L	1
WSAU-O28	6/1/2024	Lead	ND	µg/L	1
WSAU-O29	6/1/2024	Lead	ND	µg/L	1
WSAL-S30	6/1/2024	Lead	ND	µg/L	1
WSAL-S31	6/1/2024	Lead	ND	µg/L	1
WSAL-S32	6/1/2024	Lead	ND	µg/L	1
WSAL-O33	6/1/2024	Lead	**3.0**	µg/L	1
WSAL-S34	6/1/2024	Lead	ND	µg/L	1
WSAL-O35	6/1/2024	Lead	ND	µg/L	1
WSAL-DF36	6/1/2024	Lead	ND	µg/L	1
WSAL-S37	6/1/2024	Lead	ND	µg/L	1
WSAL-S38	6/1/2024	Lead	ND	µg/L	1
WSAL-O39	6/1/2024	Lead	**2.6**	µg/L	1
WSAL-O40	6/1/2024	Lead	ND	µg/L	1
WSAL-S41	6/1/2024	Lead	ND	µg/L	1
WSAL-O42	6/1/2024	Lead	**11.0**	µg/L	1
WSAL-S43	6/1/2024	Lead	ND	µg/L	1

WSAL-S44	6/1/2024	Lead	ND	µg/L	1
WSAL-O45	6/1/2024	Lead	ND	µg/L	1
WSAL-S46	6/1/2024	Lead	ND	µg/L	1
WSAL-S47	6/1/2024	Lead	ND	µg/L	1
WSAL-S48	6/1/2024	Lead	**1.0**	µg/L	1
WSAL-S49	6/1/2024	Lead	**1.2**	µg/L	1
WSAL-O50	6/1/2024	Lead	**1.6**	µg/L	1
WSAL-S51	6/1/2024	Lead	**2.1**	µg/L	1
WSAL-S52	6/1/2024	Lead	**1.4**	µg/L	1
WSAL-S53	6/1/2024	Lead	**1.5**	µg/L	1
WSAL-O54	6/1/2024	Lead	ND	µg/L	1
WSAL-S55	6/1/2024	Lead	**2.2**	µg/L	1
WSAL-S56	6/1/2024	Lead	ND	µg/L	1
WSAL-O57	6/1/2024	Lead	ND	µg/L	1
WSAL-S58	6/1/2024	Lead	ND	µg/L	1
WSAL-O59	6/1/2024	Lead	**1.1**	µg/L	1
WSAL-S60	6/1/2024	Lead	ND	µg/L	1
WSAL-O61	6/1/2024	Lead	ND	µg/L	1
WSAL-O62	6/1/2024	Lead	ND	µg/L	1
WSAL-DF63	6/1/2024	Lead	ND	µg/L	1

µg/L: micrograms per liter
Bolded results indicate detection above reporting limits
Results in red indicate Action Level of 5 ppb for lead is exceeded

BLACKSTONE ENVIRONMENTAL

ATTACHMENT D

Wilkens STEAM Academy and Hilcrest
Laboratory Analytical Report

June 14, 2024

Kaley Muir
Blackstone Environmental, Inc.
16200 Foster Street
Overland Park, KS 66085
TEL: (913) 495-9990
FAX:

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

RE: 3659 - Belton School District DW - Wilkens STEAM **WorkOrder:** 24060268

Dear Kaley Muir:

TEKLAB, INC received 63 samples on 6/4/2024 11:52:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Patrick Riley

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

Report Contents

Client: Blackstone Environmental, Inc. **Work Order:** 24060268

Client Project: 3659 - Belton School District DW - Wilkens STEAM **Report Date:** 14-Jun-24

This reporting package includes the following:

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Laboratory Results	7
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Chain of Custody	Appended

Client: Blackstone Environmental, Inc. **Work Order:** 24060268

Client Project: 3659 - Belton School District DW - Wilkens STEAM **Report Date:** 14-Jun-24

Abbr	Definition
*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Blackstone Environmental, Inc. **Work Order:** 24060268

Client Project: 3659 - Belton School District DW - Wilkens STEAM **Report Date:** 14-Jun-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: Blackstone Environmental, Inc.
Work Order: 24060268
Client Project: 3659 - Belton School District DW - Wilkens STEAM
Report Date: 14-Jun-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: Blackstone Environmental, Inc. **Work Order:** 24060268

Client Project: 3659 - Belton School District DW - Wilkens STEAM **Report Date:** 14-Jun-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Blackstone Environmental, Inc. **Work Order:** 24060268

Client Project: 3659 - Belton School District DW - Wilkens STEAM **Report Date:** 14-Jun-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									
24060268-001A	WSAU-S1	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 16:27	06/01/2024 7:44
24060268-002A	WSAU-O2	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 16:51	06/01/2024 7:44
24060268-003A	WSAU-S3	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 16:54	06/01/2024 7:47
24060268-004A	WSAU-S4	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 13:52	06/01/2024 7:47
24060268-005A	WSAU-O5	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 16:58	06/01/2024 7:47
24060268-006A	WSAU-S6	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 17:01	06/01/2024 7:48
24060268-007A	WSAU-O7	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 19:03	06/01/2024 7:48
24060268-008A	WSAU-DF8	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 19:07	06/01/2024 7:48
24060268-009A	WSAU-S9	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 19:10	06/01/2024 7:53
24060268-010A	WSAU-S10	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 19:13	06/01/2024 7:53
24060268-011A	WSAU-O11	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 19:17	06/01/2024 7:53
24060268-012A	WSAU-S12	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 19:20	06/01/2024 7:53
24060268-013A	WSAU-S13	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 19:24	06/01/2024 7:54
24060268-014A	WSAU-O14	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 20:11	06/01/2024 7:54
24060268-015A	WSAU-S15	NELAP		1.0	**1.7**	µg/L	1	06/10/2024 19:47	06/01/2024 7:54
24060268-016A	WSAU-S16	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 19:51	06/01/2024 7:54
24060268-017A	WSAU-S17	NELAP		1.0	**6.8**	µg/L	1	06/10/2024 19:54	06/01/2024 7:55
24060268-018A	WSAU-S18	NELAP		1.0	**2.0**	µg/L	1	06/10/2024 19:58	06/01/2024 7:55
24060268-019A	WSAU-O19	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 20:01	06/01/2024 7:55
24060268-020A	WSAU-S20	NELAP		1.0	**2.8**	µg/L	1	06/10/2024 20:55	06/01/2024 7:56
24060268-021A	WSAU-S21	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 20:04	06/01/2024 7:56
24060268-022A	WSAU-O22	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 20:08	06/01/2024 7:56
24060268-023A	WSAU-S23	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 20:32	06/01/2024 7:57
24060268-024A	WSAU-O24	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 20:35	06/01/2024 7:57
24060268-025A	WSAU-S25	NELAP		1.0	**1.0**	µg/L	1	06/10/2024 20:38	06/01/2024 7:57
24060268-026A	WSAU-S26	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 20:42	06/01/2024 7:59
24060268-027A	WSAU-O27	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 22:03	06/01/2024 7:59
24060268-028A	WSAU-O28	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 22:07	06/01/2024 7:59
24060268-029A	WSAU-O29	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 22:10	06/01/2024 7:59
24060268-030A	WSAL-S30	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 22:13	06/01/2024 8:02
24060268-031A	WSAL-S31	NELAP		1.0	**< 1.0**	µg/L	1	06/10/2024 22:17	06/01/2024 8:03
24060268-032A	WSAL-S32	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 12:41	06/01/2024 8:04
24060268-033A	WSAL-O33	NELAP		1.0	**3.0**	µg/L	1	06/10/2024 22:20	06/01/2024 8:04
24060268-034A	WSAL-S34	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 12:17	06/01/2024 8:08
24060268-035A	WSAL-O35	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 12:20	06/01/2024 8:08
24060268-036A	WSAL-DF36	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 12:24	06/01/2024 8:08
24060268-037A	WSAL-S37	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 12:27	06/01/2024 8:09
24060268-038A	WSAL-S38	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 12:30	06/01/2024 8:09
24060268-039A	WSAL-O39	NELAP		1.0	**2.6**	µg/L	1	06/11/2024 19:48	06/01/2024 8:09
24060268-040A	WSAL-O40	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 12:34	06/01/2024 8:09
24060268-041A	WSAL-S41	NELAP		1.0	**< 1.0**	µg/L	5	06/14/2024 9:11	06/01/2024 8:12
24060268-042A	WSAL-O42	NELAP		1.0	**11.0**	µg/L	5	06/14/2024 8:10	06/01/2024 8:12
24060268-043A	WSAL-S43	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 12:37	06/01/2024 8:12
24060268-044A	WSAL-S44	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 13:01	06/01/2024 8:12
24060268-045A	WSAL-O45	NELAP		1.0	**< 1.0**	µg/L	5	06/14/2024 9:15	06/01/2024 8:13
24060268-046A	WSAL-S46	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 13:04	06/01/2024 8:13
24060268-047A	WSAL-S47	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 13:08	06/01/2024 8:13
24060268-048A	WSAL-S48	NELAP		1.0	**1.0**	µg/L	1	06/11/2024 13:11	06/01/2024 8:15

Client: Blackstone Environmental, Inc. **Work Order:** 24060268

Client Project: 3659 - Belton School District DW - Wilkens STEAM **Report Date:** 14-Jun-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									
24060268-049A	WSAL-S49	NELAP		1.0	**1.2**	µg/L	1	06/11/2024 13:15	06/01/2024 8:17
24060268-050A	WSAL-O50	NELAP		1.0	**1.6**	µg/L	1	06/11/2024 13:18	06/01/2024 8:17
24060268-051A	WSAL-S51	NELAP		1.0	**2.1**	µg/L	1	06/11/2024 13:21	06/01/2024 8:18
24060268-052A	WSAL-S52	NELAP		1.0	**1.4**	µg/L	1	06/11/2024 17:50	06/01/2024 8:18
24060268-053A	WSAL-S53	NELAP		1.0	**1.5**	µg/L	1	06/11/2024 17:54	06/01/2024 8:18
24060268-054A	WSAL-O54	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 17:57	06/01/2024 8:18
24060268-055A	WSAL-S55	NELAP		1.0	**2.2**	µg/L	1	06/11/2024 18:14	06/01/2024 8:20
24060268-056A	WSAL-S56	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 18:01	06/01/2024 8:20
24060268-057A	WSAL-O57	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 18:04	06/01/2024 8:20
24060268-058A	WSAL-S58	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 18:07	06/01/2024 8:22
24060268-059A	WSAL-O59	NELAP		1.0	**1.1**	µg/L	1	06/11/2024 19:01	06/01/2024 8:22
24060268-060A	WSAL-S60	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 18:11	06/01/2024 8:22
24060268-061A	WSAL-O61	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 18:35	06/01/2024 8:22
24060268-062A	WSAL-O62	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 18:38	06/01/2024 8:23
24060268-063A	WSAL-DF63	NELAP		1.0	**< 1.0**	µg/L	1	06/11/2024 18:41	06/01/2024 8:23

Receiving Check List

http://www.teklabinc.com/

Client: Blackstone Environmental, Inc.
Work Order: 24060268
Client Project: 3659 - Belton School District DW - Wilkens STEAM
Report Date: 14-Jun-24

Carrier: Crossroads
Received By: AMD

Completed by: Amber Dilallo
On: 04-Jun-24

Reviewed by: Elizabeth A. Hurley
On: 04-Jun-24

Pages to follow: Chain of custody 6 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.

Print PDF

CHAIN OF CUSTODY

Pg 1 of 6 Workorder # 2406021 8

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Wilkens STEAM Academy

PROJECT NAME/NUMBER
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
2406021 8	WSAU - S1	6/1/24 @ 744	Drinking Water	1									✓
002	WSAU - 02	6/1/24 @ 744	Drinking Water	1									✓
003	WSAU - S3	6/1/24 @ 747	Drinking Water	1									✓
004	WSAU - S4	6/1/24 @ 747	Drinking Water	1									✓
005	WSAU - 05	6/1/24 @ 747	Drinking Water	1									✓
006	WSAU - S6	6/1/24 @ 748	Drinking Water	1									✓
007	WSAU - 07	6/1/24 @ 748	Drinking Water	1									✓
008	WSAU - DF8	6/1/24 @ 748	Drinking Water	1									✓
009	WSAU - S9	6/1/24 @ 753	Drinking Water	1									✓
010	WSAU - S10	6/1/24 @ 753	Groundwater	1									✓
011	WSAU - 011	6/1/24 @ 753	Groundwater	1									✓

Relinquished By	Date/Time	Received By	Date/Time
	6/3/24 @ 1130		6/3/24 1210
	6/3/24 1600	XX	6/4/24 1152

*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 6 Workorder # 24060268

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Wilkens STEAM Academy

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24060268 012	WSAU - S12	6/1/24 @ 753	Drinking Water	1									✓
013	WSAU - S13	6/1/24 @ 754	Drinking Water	1									✓
014	WSAU - 014	6/1/24 @ 754	Drinking Water	1									✓
015	WSAU - S15	6/1/24 @ 754	Drinking Water	1									✓
016	WSAU - S16	6/1/24 @ 754	Drinking Water	1									✓
017	WSAU - S17	6/1/24 @ 755	Drinking Water	1									✓
018	WSAU - S18	6/1/24 @ 755	Drinking Water	1									✓
019	WSAU - 019	6/1/24 @ 755	Drinking Water	1									✓
020	WSAU - S20	6/1/24 @ 756	Drinking Water	1									✓
021	WSAU - S21	6/1/24 @ 756	Groundwater	1									✓
022	WSAU - 022	6/1/24 @ 756	Groundwater	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	6/3/24 @ 1130	[signature]	6/3/24 1160
[signature]	6/3/24 1600	Simon Dilallo XX	6/4/24 1152

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CHAIN OF CUSTODY

Pg 3 of 6 Workorder # 240602G8

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Wilkens STEAM Academy

PROJECT NAME/NUMBER
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
240602G8-023	WSAU - S23	6/1/24 @ 757	Drinking Water	1									✔
024	WSAU - 024	6/1/24 @ 757	Drinking Water	1									✔
025	WSAU - S25	6/1/24 @ 757	Drinking Water	1									✔
026	WSAU - S26	6/1/24 @ 759	Drinking Water	1									✔
027	WSAU - 027	6/1/24 @ 759	Drinking Water	1									✔
028	WSAU - 028	6/1/24 @ 759	Drinking Water	1									✔
029	WSAU - 029	6/1/24 @ [illegible]759	Drinking Water	1									✔
030	WSAL - S30	6/1/24 @ 802	Drinking Water	1									✔
031	WSAL - S31	6/1/24 @ 803	Drinking Water	1									✔
032	WSAL - S32	6/1/24 @ 804	Groundwater	1									✔
033	WSAL - 033	6/1/24 @ 804	Groundwater	1									✔

Relinquished By	Date/Time	Received By	Date/Time
[signature]	6/3/24 @1130	[signature]	6/7/24 1210
[signature]	6/3/24 1611	[signature] XV	6/4/24 1152

*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 4 of 6 Workorder # 240602608

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Wilkens STEAM Academy

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
240602608-034	WSAL - 534	6/1/24 @ 808	Drinking Water	1									✓
035	WSAL - 035	6/1/24 @ 808	Drinking Water	1									✓
036	WSAL - DF36	6/1/24 @ 808	Drinking Water	1									✓
037	WSAL - 537	6/1/24 @ 809	Drinking Water	1									✓
038	WSAL - 538	6/1/24 @ 809	Drinking Water	1									✓
039	WSAL - 039	6/1/24 @ 809	Drinking Water	1									✓
040	WSAL - 040	6/1/24 @ 809	Drinking Water	1									✓
041	WSAL - 541	6/1/24 @ 812	Drinking Water	1									✓
042	WSAL - 042	6/1/24 @ 812	Drinking Water	1									✓
043	WSAL - 543	6/1/24 @ 812	Groundwater	1									✓
044	WSAL - 544	6/1/24 @ 812	Groundwater	1									✓

Relinquished By	Date/Time	Received By	Date/Time
[signature]	6/3/24 1130	[signature]	6/3/24 1210
[signature]	6/3/24 1600	[signature] XX	6/4/24 1152

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CHAIN OF CUSTODY

Pg 5 of 6 Workorder # 240c0268

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

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

Client Comments:
Wilkens STEAM Academy

PROJECT NAME/NUMBER
3659 - Belton School District DW

SAMPLE COLLECTOR'S NAME
KM + AR

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: DW Lead
240c0268-045	WSAL - 045	6/1/24 @ 813	Drinking Water	1									✔
046	WSAL - 546	6/1/24 @ 813	Drinking Water	1									✔
047	WSAL - 547	6/1/24 @ 813	Drinking Water	1									✔
048	WSAL - 548	6/1/24 @ 815	Drinking Water	1									✔
049	WSAL - 549	6/1/24 @ 817	Drinking Water	1									✔
050	WSAL - 050	6/1/24 @ 817	Drinking Water	1									✔
051	WSAL - 551	6/1/24 @ 818	Drinking Water	1									✔
052	WSAL - 552	6/1/24 @ 818	Drinking Water	1									✔
053	WSAL - 553	6/1/24 @ 818	Drinking Water	1									✔
054	WSAL - 054	6/1/24 @ 818	Groundwater	1									✔
055	WSAL - 555	6/1/24 @ 820	Groundwater	1									✔

Relinquished By	Date/Time	Received By	Date/Time
	6/3/24 @1730		6/3/24 1210
	6/3/24 1610	XX	6/4/24 1152

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CHAIN OF CUSTODY

Pg 1 of 6 Workorder # 24060268

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Wilkens STEAM Academy

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24060268 056	WSAL - 056	6/1/24 @ 820	Drinking Water	1									✓
057	WSAL - 057	6/1/24 @ 820	Drinking Water	1									✓
058	WSAL - 058	6/1/24 @ 822	Drinking Water	1									✓
059	WSAL - 059	6/1/24 @ 822	Drinking Water	1									✓
060	WSAL - 060	6/1/24 @ 822	Drinking Water	1									✓
061	WSAL - 061	6/1/24 @ 822	Drinking Water	1									✓
062	WSAL - 062	6/1/24 @ 823	Drinking Water	1									✓
063	WSAL - DF63	6/1/24 @ 813	Drinking Water	1									✓
			Drinking Water	1									✓
			Groundwater	1									✓
			Groundwater	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	6/3/24 @ 1130	[illegible]	6/3/24 1210
[illegible]	6/3/24 1641	[illegible] XX	6/4/24 1152

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June 28, 2024

Mr. Steven Troutwine
Belton School District #124
Director of Facilities

RE: Belton School District #124 – Drinking Water Testing Services
Yeokum Center of Innovation
613 Mill Street

Dear Mr. Troutwine:

Blackstone Environmental Inc., (Blackstone) has been contracted by the Belton School District #24 to provide lead in drinking water sampling for the high-priority potable water sources throughout the school district. The objective of the sampling was to determine the lead concentrations in these potable water sources throughout the school district and to identify sources exceeding the Missouri SB681 Action Level of 5 µg/L (parts per billion (ppb)).

Background

Testing and reporting has been conducted in accordance with Missouri State Statute 160-077, Get the Lead Out of School Drinking Water Act, and included sampling of potable water fixtures used for drinking or food preparation including water fountains, faucets, taps, ice making machines, hot drink machines, and outlets used for dispensing water for cooking or for cleaning cooking and eating utensils.

Field Sampling

Field sampling procedures included preparing an inventory of drinking water outlets and outlets that are used for dispensing water for cooking or for cleaning cooking and eating utensils. Each of these locations are marked on the facility maps included in Attachment A.

Each water source was flushed for a minimum of five minutes. Signage was then attached to the source to prevent it from being used prior to sample collection. Between 8 and 18 hours after the source was flushed, Blackstone personnel returned to collect a water sample into laboratory supplied 250-mL sample containers for analysis of total lead concentration by EPA Method 200.8. New nitrile gloves were worn for each sample collection. Labels were prepared and affixed to each sampling container stating the sample location, technicians name, and date and time of sample collection. Field forms were prepared for each school to document pertinent information including sample identification, type of source, time flushed, and time sampled. Field information forms are included in Attachment B.

Once sampling was complete, the samples were transferred under proper chain-of-custody procedures to TekLab, Inc. of Collinsville, Illinois for analysis.

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Analytical Summary

A total of 21 water samples were collected from Yeokum Center of Innovation located at 613 Mill Street. A summary table is included in Attachment C. Of the 21 samples collected, 11 exceeded the Missouri SB681 Action Level for lead of 5 ppb as shown in the table below. Sample locations that exceeded the Action Level for lead are also identified on the facility maps in Attachment A.

Summary of Lead Results Exceeding Action Levels

Sample ID	Location Description	Lead Concentration
YCI1-S1	FCS – far left sink	1490
YCI1-S2	FCS – 2nd left sink	30.5
YCI1-S3	FCS – 3rd left sink	1800
YCI1-S4	FCS – 4th sink	61.3
YCI1-S5	FCS – 5th sink	459
YCI1-S6	FCS – 6th sink	268
YCI1-S7	Sink in Room 1005	16.9
YCI1-S12	Kitchen – Hand wash sink	23.3
YCI1-S13	Kitchen – Dish sink with sprayer	59.4
YCI1-S18	Nurse Sink	42.9
YCI1-S21	Media Center Sink	49.1

*Concentrations in µg/L

A copy of the laboratory analytical report is included as Attachment D.

Recommendations

Recommendations for those water sources that exceed the action levels include removal of the location from services, or filtering, depending on the individual results.

Limitations

This report was prepared in accordance with that level of skill and care ordinarily exercised by other members of Blackstone's profession practicing in the same locality and under similar conditions when the services were provided. No warranties, express or implied, are intended or made.

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Closing

If you have any questions, or need further assistance, please contact Lindsay James at 913-522-0370.

Respectfully,
BLACKSTONE ENVIRONMENTAL, INC.

Kaley S. Muir
Environmental Chemist

John Paul Knightly, CHMM
Senior Project Manager

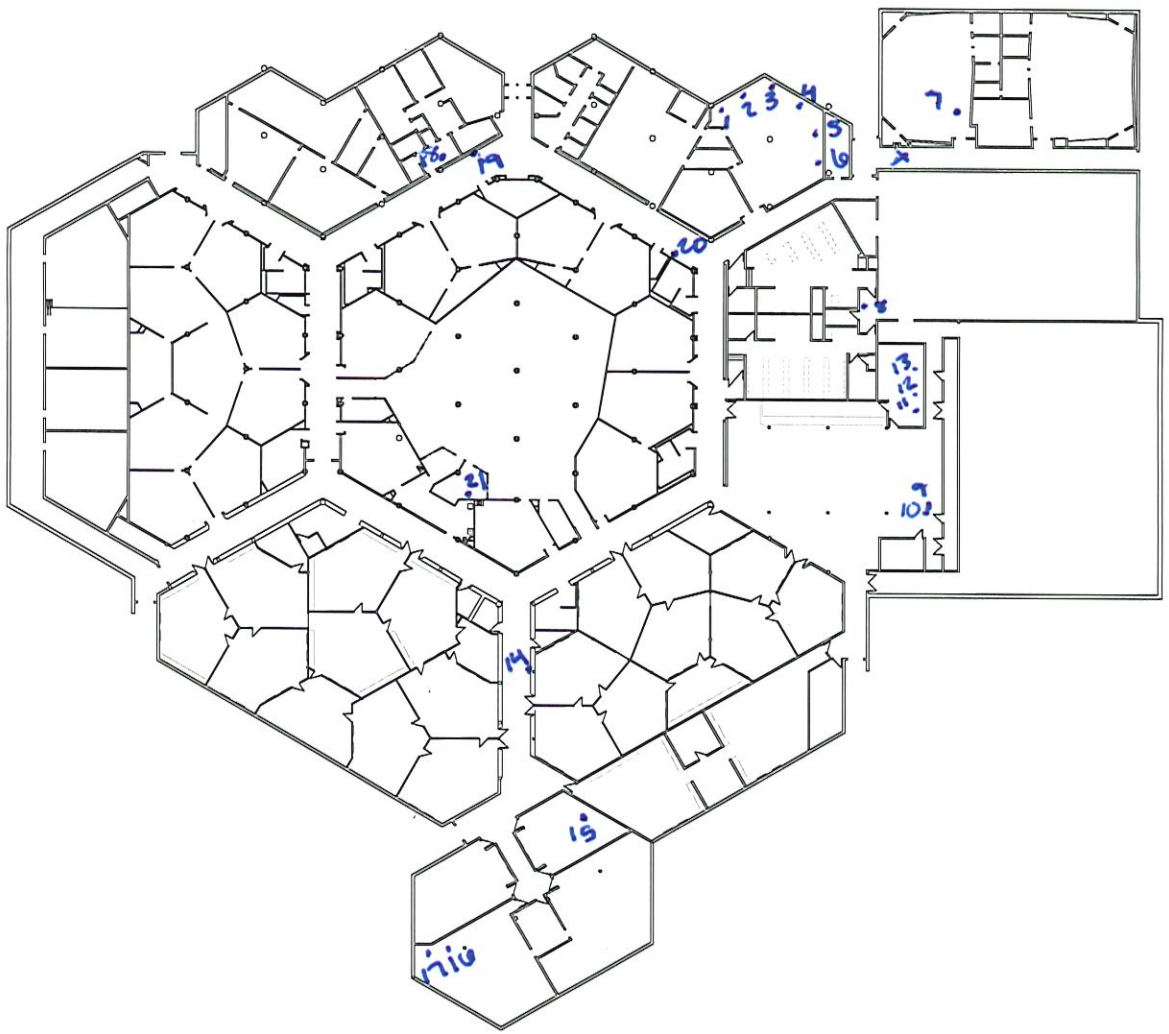
Enclosures Attachment A – Facility Maps
Attachment B – Field Forms
Attachment C – Summary Table
Attachment D – Laboratory Analytical Report

© 2024 Blackstone Environmental, Inc.

ATTACHMENT A

Yeokum Center of Innovation
Facility Maps

YCI



YEOKUM CENTER OF INNOVATION

BELTON, MISSOURI

NORTH Scale: 1" = 40'-0"

BLACKSTONE ENVIRONMENTAL

ATTACHMENT B

Yeokum Center of Innovation
Field Forms

Missouri School Districts DW

Date Purged 5/28
Date Sampled 5/29

School Yokum Center

Team AR+KM

Sample ID = School abbrev + Floor + Type + Test number (Ex: ME1DF1)

Test #	Floor #	Sink (S)	Fountain (DF)	Other (O)	Location and Description	Time Purged	Time Sampled
1	1	X			FCS- far left sink	14:50	9:56
2	1	X			2nd left sink	14:50	9:56
3	1	X			3rd left sink	14:50	9:56
4	1	X			4th ~~from~~ sink	14:50	9:57
5	1	X			5th sink	14:50	9:57
6	1	X			6th sink	14:50	9:57
7	1	X			1005 sink	14:57	9:58
8	1		X		fountain by locker rooms	15:01	9:59
9	1			X	cafeteria filler	15:06	10:03
10	1		X		cafeteria fountain	15:06	10:03
11	1			X	kitchen ice maker	15:08	10:04
12	1	X			hand wash sink	15:08	10:04
13	1	X			dish sink w/sprayer	15:08	10:04
14	1		X		fountain in hall 6	15:13	10:06
15	1	X			611 sink	15:14	10:07
16	1	X			610 sink	15:15	10:08
17	1			X	610 bubbler	15:15	10:08
18	1	X			nurse sink	15:30	10:09
19	1		X		sink by nurse	15:30	10:09
20	1		X		fountain by 1102	15:35	10:10
21	1	X			media center sink	15:40	10:11

BLACKSTONE ENVIRONMENTAL

ATTACHMENT C

Yeokum Center of Innovation
Summary Table

Summary Table
Yeokum Center of Innovation

Sample ID	Date	Analyte	Result	Unit	Reporting Limit
YCI1-S1	5/29/2024	Lead	**1490**	µg/L	1
YCI1-S2	5/29/2024	Lead	**30.5**	µg/L	1
YCI1-S3	5/29/2024	Lead	**1800**	µg/L	1
YCI1-S4	5/29/2024	Lead	**61.3**	µg/L	1
YCI1-S5	5/29/2024	Lead	**459**	µg/L	1
YCI1-S6	5/29/2024	Lead	**268**	µg/L	1
YCI1-S7	5/29/2024	Lead	**16.9**	µg/L	1
YCI1-DF8	5/29/2024	Lead	ND	µg/L	1
YCI1-O9	5/29/2024	Lead	ND	µg/L	1
YCI1-DF10	5/29/2024	Lead	ND	µg/L	1
YCI1-O11	5/29/2024	Lead	ND	µg/L	1
YCI1-S12	5/29/2024	Lead	**23.3**	µg/L	1
YCI1-S13	5/29/2024	Lead	**59.4**	µg/L	1
YCI1-DF14	5/29/2024	Lead	ND	µg/L	1
YCI1-S15	5/29/2024	Lead	**4.9**	µg/L	1
YCI1-S16	5/29/2024	Lead	ND	µg/L	1
YCI1-O17	5/29/2024	Lead	ND	µg/L	1
YCI1-S18	5/29/2024	Lead	**42.9**	µg/L	1
YCI1-DF19	5/29/2024	Lead	ND	µg/L	1
YCI1-DF20	5/29/2024	Lead	**2.7**	µg/L	1
YCI1-S21	5/29/2024	Lead	**49.1**	µg/L	1

µg/L: micrograms per liter
Bolded results indicate detection above reporting limits
Results in red indicate Action Level of 5 ppb for lead is exceeded

BLACKSTONE ENVIRONMENTAL

ATTACHMENT D

Yeokum Center of Innovation
Laboratory Analytical Report

June 12, 2024

Kaley Muir
Blackstone Environmental, Inc.
16200 Foster Street
Overland Park, KS 66085
TEL: (913) 495-9990
FAX:

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

RE: 3659 - Belton School District DW **WorkOrder:** 24052469

Dear Kaley Muir:

TEKLAB, INC received 21 samples on 5/31/2024 12:55:00 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

Client: Blackstone Environmental, Inc.
Work Order: 24052469
Client Project: 3659 - Belton School District DW
Report Date: 12-Jun-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	8
Chain of Custody	Appended

Client: Blackstone Environmental, Inc. **Work Order:** 24052469

Client Project: 3659 - Belton School District DW **Report Date:** 12-Jun-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: Blackstone Environmental, Inc. **Work Order:** 24052469

Client Project: 3659 - Belton School District DW **Report Date:** 12-Jun-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: Blackstone Environmental, Inc.
Work Order: 24052469
Client Project: 3659 - Belton School District DW
Report Date: 12-Jun-24

Cooler Receipt Temp: NA °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: Blackstone Environmental, Inc. **Work Order:** 24052469

Client Project: 3659 - Belton School District DW **Report Date:** 12-Jun-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Blackstone Environmental, Inc.
Work Order: 24052469
Client Project: 3659 - Belton School District DW
Report Date: 12-Jun-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									
24052469-001A	YCI1-S1	NELAP		4.0	**1490**	µg/L	20	06/11/2024 7:54	05/29/2024 9:56
24052469-002A	YCI1-S2	NELAP		1.0	**30.5**	µg/L	5	06/10/2024 9:38	05/29/2024 9:56
24052469-003A	YCI1-S3	NELAP		5.0	**1800**	µg/L	25	06/11/2024 7:58	05/29/2024 9:56
24052469-004A	YCI1-S4	NELAP		1.0	**61.3**	µg/L	5	06/10/2024 9:46	05/29/2024 9:57
24052469-005A	YCI1-S5	NELAP		2.0	**459**	µg/L	10	06/11/2024 8:02	05/29/2024 9:57
24052469-006A	YCI1-S6	NELAP		1.0	**268**	µg/L	5	06/10/2024 9:55	05/29/2024 9:57
24052469-007A	YCI1-S7	NELAP		1.0	**16.9**	µg/L	5	06/10/2024 9:59	05/29/2024 9:58
24052469-008A	YCI1-DF8	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 13:50	05/29/2024 9:59
24052469-009A	YCI1-O9	NELAP		1.0	**< 1.0**	µg/L	1	06/04/2024 15:36	05/29/2024 10:03
24052469-010A	YCI1-DF10	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 16:33	05/29/2024 10:03
24052469-011A	YCI1-O11	NELAP		1.0	**< 1.0**	µg/L	5	06/10/2024 10:03	05/29/2024 10:04
24052469-012A	YCI1-S12	NELAP		1.0	**23.3**	µg/L	5	06/10/2024 10:08	05/29/2024 10:04
24052469-013A	YCI1-S13	NELAP		1.0	**59.4**	µg/L	1	06/07/2024 16:37	05/29/2024 10:04
24052469-014A	YCI1-DF14	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 16:41	05/29/2024 10:06
24052469-015A	YCI1-S15	NELAP		1.0	**4.9**	µg/L	1	06/07/2024 17:10	05/29/2024 10:07
24052469-016A	YCI1-S16	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 17:14	05/29/2024 10:08
24052469-017A	YCI1-O17	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 17:39	05/29/2024 10:08
24052469-018A	YCI1-S18	NELAP		1.0	**42.9**	µg/L	5	06/10/2024 10:40	05/29/2024 10:09
24052469-019A	YCI1-DF19	NELAP		1.0	**< 1.0**	µg/L	1	06/07/2024 17:18	05/29/2024 10:09
24052469-020A	YCI1-DF20	NELAP		1.0	**2.7**	µg/L	1	06/07/2024 17:23	05/29/2024 10:10
24052469-021A	YCI1-S21	NELAP		1.0	**49.1**	µg/L	5	06/10/2024 10:44	05/29/2024 10:11

Receiving Check List

http://www.teklabinc.com/

Client: Blackstone Environmental, Inc.
Work Order: 24052469
Client Project: 3659 - Belton School District DW
Report Date: 12-Jun-24

Carrier: Crossroads
Received By: LM

Completed by: Lindsey Maddox
On: 31-May-24

Reviewed by: Patrick Riley
On: 31-May-24

Pages to follow: Chain of custody 2 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C	NA	
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. - lhenson - 5/31/2024 1:32:18 PM

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CHAIN OF CUSTODY

Pg 1 of 2 Workorder # 24052469

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Yeokum Center of Innovation

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24052469-001	YCI1 - S1	5/29/24 @ 956	Drinking Water	1									✓
-002	YCI1 - S2	5/29/24 @ 956	Drinking Water	1									✓
-003	YCI1 - S3	5/29/24 @ 956	Drinking Water	1									✓
-004	YCI1 - S4	5/29/24 @ 957	Drinking Water	1									✓
-005	YCI1 - S5	5/29/24 @ 957	Drinking Water	1									✓
-006	YCI1 - S6	5/29/24 @ 957	Drinking Water	1									✓
-007	YCI1 - S7	5/29/24 @ 958	Drinking Water	1									✓
-008	YCI1 - DF8	5/29/24 @ 959	Drinking Water	1									✓
-009	YCI1 - 09	5/29/24 @ 1003	Drinking Water	1									✓
-010	YCI1 - DF10	5/29/24 @ 1003	Drinking Water	1									✓
-011	YCI1 - 011	5/29/24 @ 1004	Drinking Water	1									✓

Relinquished By	Date/Time	Received By	Date/Time
Kaley Muir	5/30/24 @800		5/30/24 1216
	5/30/24 1644	(XX)	5/31/24 1255

*The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions

Print PDF

CHAIN OF CUSTODY

Pg 1 of 2 Workorder # 24052469

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

Client: Blackstone Environmental, Inc.
Address: 16200 Foster St
City/State/Zip: Overland Park, KS 66085
Contact: Kaley Muir Phone: (913) 495-9990
Email: kmuir@blackstone-env.com Fax:

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

Client Comments:
Yeokum Center of Innovation

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: 3659 - Belton School District DW
SAMPLE COLLECTOR'S NAME: KM + AR

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: DW Lead
24052469-012	YCI1 - S12	5/29/24 @ 1004	Drinking Water	1									✔
-013	YCI1 - S13	5/29/24 @ 1004	Drinking Water	1									✔
-014	YCI1 - DF14	5/29/24 @ 1006	Drinking Water	1									✔
-015	YCI1 - S15	5/29/24 @ 1007	Drinking Water	1									✔
-016	YCI1 - S16	5/29/24 @ 1008	Drinking Water	1									✔
-017	YCI1 - 017	5/29/24 @ 1008	Drinking Water	1									✔
-018	YCI1 - S18	5/29/24 @ 1009	Drinking Water	1									✔
-019	YCI1 - DF19	5/29/24 @ 1009	Drinking Water	1									✔
-020	YCI1 - DF20	5/29/24 @ 1010	Drinking Water	1									✔
-021	YCI1 - S21	5/29/24 @ 1011	Drinking Water	1									✔
	YCI1 -	5/29/24 @	Drinking Water	1									✔

Relinquished By	Date/Time	Received By	Date/Time
			5/30/24 1216
	5/30/24 1600	(XX)	5/31/24 1255

*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