



SAMPLE DATA

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25 13:00
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
		% Solid:	75.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.076	J	1	0.053	0.32	mg/Kg	07/16/25 08:10	07/16/25 10:31	9012B
Hexavalent Chromium	0.092	U	1	0.092	0.53	mg/Kg	07/16/25 12:40	07/16/25 16:04	7196A
pH	7.55	H	1	0	0	pH		07/15/25 09:15	9045D

Comments: pH result reported at temperature 24.6 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25 13:00
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-02	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ignitability	NO		1	0	0	oC		07/15/25 14:15	1030

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25 13:10
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
		% Solid:	82.1

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.051	U	1	0.051	0.30	mg/Kg	07/16/25 08:10	07/16/25 10:31	9012B
Hexavalent Chromium	0.084	U	1	0.084	0.48	mg/Kg	07/16/25 12:40	07/16/25 16:05	7196A
pH	7.68	H	1	0	0	pH		07/15/25 09:25	9045D

Comments: pH result reported at temperature 24.4 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25 13:10
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-06	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ignitability	NO		1	0	0	oC		07/15/25 14:23	1030

Comments: _____

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements
 H = Sample Analysis Out Of Hold Time

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25 13:20
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	SOIL
		% Solid:	85.2

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.047	J	1	0.047	0.28	mg/Kg	07/16/25 08:10	07/16/25 10:31	9012B
Hexavalent Chromium	0.080	U	1	0.080	0.46	mg/Kg	07/16/25 12:40	07/16/25 16:06	7196A
pH	7.24	H	1	0	0	pH		07/15/25 09:30	9045D

Comments: pH result reported at temperature 24.1 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25 13:20
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-10	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ignitability	NO		1	0	0	oC		07/15/25 14:30	1030

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: T&A Construction Inc

SDG No.: Q2600

Project: Kingsland Point Park Water Main

RunNo.: LB136472

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV pH	pH	7.01	7	100	90-110	07/15/2025
Sample ID: CCV1 pH	pH	2.01	2.00	101	90-110	07/15/2025
Sample ID: CCV2 pH	pH	12.02	12.00	100	90-110	07/15/2025

Initial and Continuing Calibration Verification

Client: T&A Construction Inc

SDG No.: Q2600

Project: Kingsland Point Park Water Main

RunNo.: LB136498

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Cyanide	mg/L	0.094	0.099	95	90-110	07/16/2025
Sample ID: CCV1 Cyanide	mg/L	0.24	0.25	96	90-110	07/16/2025
Sample ID: CCV2 Cyanide	mg/L	0.24	0.25	96	90-110	07/16/2025
Sample ID: CCV3 Cyanide	mg/L	0.25	0.25	100	90-110	07/16/2025

Initial and Continuing Calibration Verification

Client: T&A Construction Inc

SDG No.: Q2600

Project: Kingsland Point Park Water Main

RunNo.: LB136507

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.497	0.5	99	90-110	07/16/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.492	0.5	98	90-110	07/16/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.495	0.5	99	90-110	07/16/2025
Sample ID: CCV3 Hexavalent Chromium	mg/L	0.497	0.5	99	90-110	07/16/2025

Initial and Continuing Calibration Blank Summary

Client: T&A Construction Inc

SDG No.: Q2600

Project: Kingsland Point Park Water Main

RunNo.: LB136498

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	07/16/2025
Sample ID: CCB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	07/16/2025
Sample ID: CCB2 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	07/16/2025
Sample ID: CCB3 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	07/16/2025

Initial and Continuing Calibration Blank Summary

Client: T&A Construction Inc

SDG No.: Q2600

Project: Kingsland Point Park Water Main

RunNo.: LB136507

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	07/16/2025
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	07/16/2025
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	07/16/2025
Sample ID: CCB3 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	07/16/2025

Preparation Blank Summary

Client: T&A Construction Inc

SDG No.: Q2600

Project: Kingsland Point Park Water Main

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB168862BL Cyanide	mg/Kg	< 0.1250	0.1250	U	0.042	0.25	07/16/2025
Sample ID: PB168870BL Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	07/16/2025

Matrix Spike Summary

Client:	T&A Construction Inc	SDG No.:	Q2600
Project:	Kingsland Point Park Water Main	Sample ID:	Q2598-01
Client ID:	OK-01-071425MS	Percent Solids for Spike Sample:	96.8

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	1280		0.071	U	1330	40	96		07/16/2025

Matrix Spike Summary

Client:	T&A Construction Inc	SDG No.:	Q2600
Project:	Kingsland Point Park Water Main	Sample ID:	Q2598-01
Client ID:	OK-01-071425MS	Percent Solids for Spike Sample:	96.8

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	85-115	37.1		0.071	U	41.3	2	90		07/16/2025

Matrix Spike Summary

Client:	T&A Construction Inc	SDG No.:	Q2600
Project:	Kingsland Point Park Water Main	Sample ID:	Q2598-01
Client ID:	OK-01-071425MS	Percent Solids for Spike Sample:	96.8

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	31.2		0.071	U	41.3	2	76		07/16/2025

Matrix Spike Summary

Client:	T&A Construction Inc	SDG No.:	Q2600
Project:	Kingsland Point Park Water Main	Sample ID:	Q2600-09
Client ID:	END-OF-TRENCHMS	Percent Solids for Spike Sample:	85.2

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	75-125	2.10		0.047	J	2.3	1	89		07/16/2025

Matrix Spike Summary

Client:	T&A Construction Inc	SDG No.:	Q2600
Project:	Kingsland Point Park Water Main	Sample ID:	Q2600-09
Client ID:	END-OF-TRENCHMSD	Percent Solids for Spike Sample:	85.2

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	75-125	1.90		0.047	J	2.3	1	81		07/16/2025

Duplicate Sample Summary

Client:	T&A Construction Inc	SDG No.:	Q2600
Project:	Kingsland Point Park Water Main	Sample ID:	Q2592-01
Client ID:	WC-SOIL-20250711DUP	Percent Solids for Spike Sample:	100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
pH	pH	+/-20	6.94		6.96		1	0.29		07/15/2025

Duplicate Sample Summary

Client:	T&A Construction Inc	SDG No.:	Q2600
Project:	Kingsland Point Park Water Main	Sample ID:	Q2598-01
Client ID:	OK-01-071425DUP	Percent Solids for Spike Sample:	96.8

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.071	U	0.071	U	1	0		07/16/2025

Duplicate Sample Summary

Client:	T&A Construction Inc	SDG No.:	Q2600
Project:	Kingsland Point Park Water Main	Sample ID:	Q2600-09
Client ID:	END-OF-TRENCHDUP	Percent Solids for Spike Sample:	85.2

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	0.047	J	0.047	U	1	200	*	07/16/2025

Duplicate Sample Summary

Client:	T&A Construction Inc	SDG No.:	Q2600
Project:	Kingsland Point Park Water Main	Sample ID:	Q2600-09
Client ID:	END-OF-TRENCHMSD	Percent Solids for Spike Sample:	85.2

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	2.10		1.90		1	10		07/16/2025

Duplicate Sample Summary

Client:	T&A Construction Inc	SDG No.:	Q2600
Project:	Kingsland Point Park Water Main	Sample ID:	Q2605-04
Client ID:	V897DUP	Percent Solids for Spike Sample:	100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Ignitability	oC	+/-20	NO		NO		1	0		07/15/2025

Laboratory Control Sample Summary

Client:	T&A Construction Inc	SDG No.:	Q2600
Project:	Kingsland Point Park Water Main	Run No.:	LB136498

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB168862BS							
Cyanide	mg/Kg	5	4.80		96	1	85-115	07/16/2025

Laboratory Control Sample Summary

Client:	T&A Construction Inc	SDG No.:	Q2600
Project:	Kingsland Point Park Water Main	Run No.:	LB136507

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB168870BS							
Hexavalent Chromium	mg/Kg	20	19.8		99	1	84-110	07/16/2025

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136472

Review By	jignesh	Review On	7/15/2025 10:37:41 AM
Supervise By	Iwona	Supervise On	7/15/2025 1:20:56 PM
SubDirectory	LB136472	Test	pH
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	W3178,W3093,W3191,W3217,W3161,W3200		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	07/15/25 08:40		Jignesh	OK
2	CAL2	CAL2	CAL	07/15/25 08:41		Jignesh	OK
3	CAL3	CAL3	CAL	07/15/25 08:42		Jignesh	OK
4	ICV	ICV	ICV	07/15/25 08:45		Jignesh	OK
5	CCV1	CCV1	CCV	07/15/25 08:47		Jignesh	OK
6	Q2592-01	WC-SOIL-20250711	SAM	07/15/25 09:00		Jignesh	OK
7	Q2592-01DUP	WC-SOIL-20250711D	DUP	07/15/25 09:02		Jignesh	OK
8	Q2600-01	TRENCH	SAM	07/15/25 09:15		Jignesh	OK
9	Q2600-05	STOCK-PILE	SAM	07/15/25 09:25		Jignesh	OK
10	Q2600-09	END-OF-TRENCH	SAM	07/15/25 09:30		Jignesh	OK
11	CCV2	CCV2	CCV	07/15/25 09:33		Jignesh	OK

Instrument ID: FLAME

Daily Analysis Runlog For Sequence/QC Batch ID # LB136483

Review By	rubina	Review On	7/15/2025 3:32:12 PM
Supervise By	Iwona	Supervise On	7/15/2025 3:33:00 PM
SubDirectory	LB136483	Test	Ignitability
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	N/A		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	Q2571-04	TP-18	SAM	07/15/25 14:00		rubina	OK
2	Q2592-02	WC-SOIL-20250711	SAM	07/15/25 14:07		rubina	OK
3	Q2600-02	TRENCH	SAM	07/15/25 14:15		rubina	OK
4	Q2600-06	STOCK-PILE	SAM	07/15/25 14:23		rubina	OK
5	Q2600-10	END-OF-TRENCH	SAM	07/15/25 14:30		rubina	OK
6	Q2605-01	V908	SAM	07/15/25 14:38		rubina	OK
7	Q2605-02	VB16135	SAM	07/15/25 14:45		rubina	OK
8	Q2605-03	VB15061	SAM	07/15/25 14:52		rubina	OK
9	Q2605-04	V897	SAM	07/15/25 15:00		rubina	OK
10	Q2605-04DUP	V897DUP	DUP	07/15/25 15:08		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB136498

Review By	rubina	Review On	7/16/2025 2:33:31 PM
Supervise By	Iwona	Supervise On	7/16/2025 3:08:59 PM
SubDirectory	LB136498	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP113957,WP113958,WP113959,WP113960,WP113961,WP113962,WP113963		
ICV Standard	W3012		
CCV Standard	WP113958		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP112643,WP112900,WP113965		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	07/16/25 08:53		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	07/16/25 08:53		rubina	OK
3	10PPBCN	10PPBCN	CAL3	07/16/25 08:53		rubina	OK
4	50PPBCN	50PPBCN	CAL4	07/16/25 08:53		rubina	OK
5	100PPBCN	100PPBCN	CAL5	07/16/25 08:53		rubina	OK
6	250PPBCN	250PPBCN	CAL6	07/16/25 08:53		rubina	OK
7	500PPBCN	500PPBCN	CAL7	07/16/25 08:53		rubina	OK
8	ICV1	ICV1	ICV	07/16/25 10:24		rubina	OK
9	ICB1	ICB1	ICB	07/16/25 10:24		rubina	OK
10	CCV1	CCV1	CCV	07/16/25 10:24		rubina	OK
11	CCB1	CCB1	CCB	07/16/25 10:24		rubina	OK
12	PB168862BL	PB168862BL	MB	07/16/25 10:24		rubina	OK
13	PB168862BS	PB168862BS	LCS	07/16/25 10:24		rubina	OK
14	HIGHPB168862	HIGHPB168862	SAM	07/16/25 10:31		rubina	OK
15	Q2600-01	TRENCH	SAM	07/16/25 10:31		rubina	OK
16	Q2600-05	STOCK-PILE	SAM	07/16/25 10:31		rubina	OK
17	Q2600-09	END-OF-TRENCH	SAM	07/16/25 10:31		rubina	OK
18	Q2600-09DUP	END-OF-TRENCHDUP	DUP	07/16/25 10:39		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB136498

Review By	rubina	Review On	7/16/2025 2:33:31 PM
Supervise By	Iwona	Supervise On	7/16/2025 3:08:59 PM
SubDirectory	LB136498	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP113957,WP113958,WP113959,WP113960,WP113961,WP113962,WP113963		
ICV Standard	W3012		
CCV Standard	WP113958		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP112643,WP112900,WP113965		

19	Q2600-09MS	END-OF-TRENCHMS	MS	07/16/25 10:39		rubina	OK
20	Q2600-09MSD	END-OF-TRENCHMS	MSD	07/16/25 10:39		rubina	OK
21	CCV2	CCV2	CCV	07/16/25 10:39		rubina	OK
22	CCB2	CCB2	CCB	07/16/25 10:39		rubina	OK
23	Q2614-01	HR-MCN-COMP-01	SAM	07/16/25 10:39	% Solid is missing	rubina	OK
24	LOWPB168862	LOWPB168862	SAM	07/16/25 11:02		rubina	OK
25	CCV3	CCV3	CCV	07/16/25 11:02		rubina	OK
26	CCB3	CCB3	CCB	07/16/25 11:02		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136507

Review By	rubina	Review On	7/16/2025 4:40:25 PM
Supervise By	Iwona	Supervise On	7/16/2025 4:42:09 PM
SubDirectory	LB136507	Test	Hexavalent Chromium
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP113966,WP112831,WP112830,WP113087		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	07/16/25 15:45		Eman	OK
2	CAL2	CAL2	CAL	07/16/25 15:46		Eman	OK
3	CAL3	CAL3	CAL	07/16/25 15:47		Eman	OK
4	CAL4	CAL4	CAL	07/16/25 15:48		Eman	OK
5	CAL5	CAL5	CAL	07/16/25 15:49		Eman	OK
6	CAL6	CAL6	CAL	07/16/25 15:50		Eman	OK
7	CAL7	CAL7	CAL	07/16/25 15:51		Eman	OK
8	ICV	ICV	ICV	07/16/25 15:52		Eman	OK
9	ICB	ICB	ICB	07/16/25 15:53		Eman	OK
10	CCV1	CCV1	CCV	07/16/25 15:54		Eman	OK
11	CCB1	CCB1	CCB	07/16/25 15:55		Eman	OK
12	RL Check	RL Check	RL	07/16/25 15:56		Eman	OK
13	PB168870BL	PB168870BL	MB	07/16/25 15:57		Eman	OK
14	PB168870BS	PB168870BS	LCS	07/16/25 15:58		Eman	OK
15	Q2598-01	OK-01-071425	SAM	07/16/25 15:59		Eman	OK
16	Q2598-01DUP	OK-01-071425DUP	DUP	07/16/25 16:00		Eman	OK
17	Q2598-01MSPre	OK-01-071425MS	MS	07/16/25 16:01		Eman	OK
18	Q2598-01MS2Ins	OK-01-071425MS	MS	07/16/25 16:02		Eman	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136507

Review By	rubina	Review On	7/16/2025 4:40:25 PM
Supervise By	Iwona	Supervise On	7/16/2025 4:42:09 PM
SubDirectory	LB136507	Test	Hexavalent Chromium
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP113966,WP112831,WP112830,WP113087		

19	Q2598-01MS3Post	OK-01-071425MS	MS	07/16/25 16:03		Eman	OK
20	Q2600-01	TRENCH	SAM	07/16/25 16:04		Eman	OK
21	Q2600-05	STOCK-PILE	SAM	07/16/25 16:05		Eman	OK
22	Q2600-09	END-OF-TRENCH	SAM	07/16/25 16:06		Eman	OK
23	CCV2	CCV2	CCV	07/16/25 16:07		Eman	OK
24	CCB2	CCB2	CCB	07/16/25 16:08		Eman	OK
25	Q2611-01	EO-02-071525	SAM	07/16/25 16:09		Eman	OK
26	Q2614-01	HR-MCN-COMP-01	SAM	07/16/25 16:10		Eman	OK
27	CCV3	CCV3	CCV	07/16/25 16:11		Eman	OK
28	CCB3	CCB3	CCB	07/16/25 16:12		Eman	OK

LAB CHRONICLE

OrderID:	Q2600	OrderDate:	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	Project:	Kingsland Point Park Water Main
Contact:	Garrett Johnson	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	TRENCH	SOIL			07/14/25 13:00			07/14/25
			Cyanide	9012B		07/16/25	07/16/25 10:31	
			Hexavalent Chromium	7196A		07/16/25	07/16/25 16:04	
			pH	9045D			07/15/25 09:15	
Q2600-02	TRENCH	SOIL			07/14/25 13:00			07/14/25
			Ignitability	1030			07/15/25 14:15	
Q2600-05	STOCK-PILE	SOIL			07/14/25 13:10			07/14/25
			Cyanide	9012B		07/16/25	07/16/25 10:31	
			Hexavalent Chromium	7196A		07/16/25	07/16/25 16:05	
			pH	9045D			07/15/25 09:25	
Q2600-06	STOCK-PILE	SOIL			07/14/25 13:10			07/14/25
			Ignitability	1030			07/15/25 14:23	
Q2600-09	END-OF-TRENCH	SOIL			07/14/25 13:20			07/14/25
			Cyanide	9012B		07/16/25	07/16/25 10:31	

LAB CHRONICLE							
Q2600-10	END-OF-TRENCH	SOIL	Hexavalent Chromium	7196A	07/16/25	07/16/25	07/14/25
			pH	9045D		16:06	
						07/15/25	
						09:30	
					07/14/25		
					13:20		
			Ignitability	1030		07/15/25	
						14:30	

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-21

SDG No : N/A

Start Digest Date: 07/16/2025 Time : 08:10 Temp : 123 °C

Matrix : SOIL

End Digest Date: 07/16/2025 Time : 09:40 Temp : 127 °C

Pipette ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : MC-1,MC-2

Filter paper ID : N/A

Prep Technician Signature: JP

Weigh By : JP

pH Meter ID : N/A

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
LCSS	1.0ML	WP113838
MS/MSD SPIKE SOL.	0.40ML	WP113837
PBS003	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
50% v/v H2SO4	5.0ML	WP112826
51% w/v MgCL2	2.0ML	WP112827
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
S0	S0	N/A	N/A
S5.0	S5.0	N/A	N/A
S10.0	S10.0	N/A	N/A
S100.0	S100.0	N/A	N/A
S250.0	S250.0	N/A	N/A
S500.0	S500.0	N/A	N/A
ICV	ICV	0.5ML	W3012
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	N/A	N/A
HIGHSTD	HIGHSTD	5.0ML	WP113837
LOWSTD	LOWSTD	0.1ML	WP113837

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/16/2025 09:50	JP / CDC	RH (WV)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB168862BL	PBS862	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
PB168862BS	LCS862	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2600-01	TRENCH	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2600-05	STOCK-PILE	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2600-09	END-OF-TRENCH	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2600-09DUP	END-OF-TRENCHDUP	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2600-09MS	END-OF-TRENCHMS	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2600-09MSD	END-OF-TRENCHMSD	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2614-01	HR-MCN-COMP-01	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A

SOP ID : M3060A,7196A-Hex.Chromium-27

SDG No : N/A

Matrix : SOIL

Pipette ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#3

Block ID : WC S-2, WC S-1

Weigh By : RM

Start Digest Date: 07/16/2025 Time : 12:40 Temp : 90 °C

End Digest Date: 07/16/2025 Time : 13:40 Temp : 95 °C

libech 07/16/2025 14:00 90i
07/16/2025 15:00 94i

Digestion tube ID : M6054

Block Thermometer ID : WC-Block#1

Filter paper ID : 400213

Prep Technician Signature: *RM*

pH Meter ID : WC pH meter-1

Supervisor Signature: *12*

Standardized Name	MLS USED	STD REF. # FROM LOG
PRE-DIGESTION SPIKE	2.0ML	WP113880
INSOLUBLE SPIKE	0.02GM	W2202
POST-DIGESTION SPIKE	2.0ML	WP113880
LCSS	1.0ML	WP113881
PBS003	50.ML	W3112

Chemical Used	ML/SAMPLE USED	Lot Number
MAGNESIUM CHLORIDE	0.4GM	W3152
PHOSPHATE BUFFER	0.5ML	WP112903
HEX. DIGESTION SOLN.	50.0ML	WP113608
5M HNO3	5-7ML	WP112830
5N H2SO4	1-3ML	WP112831
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Vol(ml)	Comment
CAL1	CAL1	2.5ML	W3112
CAL2	CAL2	0.2ML	WP113955
CAL3	CAL3	0.5ML	WP113955
CAL4	CAL4	1ML	WP113955
CAL5	CAL5	0.2ML	WP113880
CAL6	CAL6	1ML	WP113880
CAL7	CAL7	2.0ML	WP113880
ICV	ICV	1ML	WP113881
ICB	ICB	2.5ML	W3112
CCV	CCV	1ML	WP113880
CCB	CCB	2.5ML	W3112

Extraction Conformance/Non-Conformance Comments:

N/A

07/16/2025 *RM*

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB168870BL	PB168870BL	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
PB168870BS	LCS870	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2598-01DUP	OK-01-071425DUP	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2598-01MSPre	OK-01-071425MSPRE	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2598-01MS2Ins	OK-01-071425MS2INS	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2598-01MS3Post	OK-01-071425MS3POST	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2598-01	OK-01-071425	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2600-01	TRENCH	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2600-05	STOCK-PILE	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2600-09	END-OF-TRENCH	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2611-01	EO-2-071525	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2614-01	HR-MCN-COMP-01	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A