



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25 16:55
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-202-SB02	SDG No.:	Q2198
Lab Sample ID:	Q2198-01	Matrix:	SOIL
		% Solid:	71.9

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.095	U	1	0.095	0.55	mg/Kg	06/05/25 09:30	06/05/25 13:25	7196A
pH	6.61	H	1	0	0	pH		06/04/25 11:55	9045D
Trivalent Chromium	7.85		1	0.70	0.70	mg/Kg		06/05/25 20:37	6010D

Comments: pH result reported at temperature 22.1 °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:	Portal Partners Tri-Venture	Date Collected:	05/31/25 16:55
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-202-SB02	SDG No.:	Q2198
Lab Sample ID:	Q2198-02	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	6.61	H	1	0	0	pH		06/04/25 11:55	9045D
Ignitability	NO		1	0	0	oC		06/04/25 10:07	1030
Reactive Cyanide	0.0084	U	1	0.0084	0.050	mg/Kg	06/05/25 08:50	06/05/25 13:44	9012B
Reactive Sulfide	3.19	J	1	0.20	10.0	mg/Kg	06/04/25 15:00	06/04/25 17:20	9034

Comments: pH result reported at temperature 22.1 °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:	Portal Partners Tri-Venture	Date Collected:	06/01/25 11:04
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-207-SB02	SDG No.:	Q2198
Lab Sample ID:	Q2198-03	Matrix:	SOIL
		% Solid:	52.1

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.13	U	1	0.13	0.77	mg/Kg	06/05/25 09:30	06/05/25 13:26	7196A
pH	7.87	H	1	0	0	pH		06/04/25 12:00	9045D
Trivalent Chromium	27.8		1	0.96	0.96	mg/Kg		06/05/25 20:41	6010D

Comments: pH result reported at temperature 22.1 °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:	Portal Partners Tri-Venture	Date Collected:	06/01/25 11:04
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-207-SB02	SDG No.:	Q2198
Lab Sample ID:	Q2198-04	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	7.87	H	1	0	0	pH		06/04/25 12:00	9045D
Ignitability	NO		1	0	0	oC		06/04/25 10:15	1030
Reactive Cyanide	0.0083	U	1	0.0083	0.050	mg/Kg	06/05/25 08:50	06/05/25 13:44	9012B
Reactive Sulfide	4.77	J	1	0.20	10.0	mg/Kg	06/04/25 15:00	06/04/25 17:22	9034

Comments: pH result reported at temperature 22.1 °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:	Portal Partners Tri-Venture	Date Collected:	05/31/25 20:00
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-202-GW01	SDG No.:	Q2198
Lab Sample ID:	Q2198-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		06/04/25 09:52	7196A
pH	6.42	H	1	0	0	pH		06/06/25 12:35	9040C
trivalent Chromium	0.060		1	0.010	0.010	mg/L		06/04/25 21:07	6010D

Comments: pH result reported at temperature 20.6 °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



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture
Project: Amtrak Sawtooth Bridges 2025

SDG No.: Q2198
RunNo.: LB136000

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.508	0.5	102	90-110	06/04/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.504	0.5	101	90-110	06/04/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.503	0.5	101	90-110	06/04/2025

Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture

SDG No.: Q2198

Project: Amtrak Sawtooth Bridges 2025

RunNo.: LB136005

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Corrosivity	ICV	pH	7.02	7	100	90-110	06/04/2025
Sample ID: Corrosivity	CCV1	pH	2.01	2.00	101	90-110	06/04/2025
Sample ID: Corrosivity	CCV2	pH	12.01	12.00	100	90-110	06/04/2025
Sample ID: Corrosivity	CCV3	pH	2.01	2.00	101	90-110	06/04/2025

Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture

SDG No.: Q2198

Project: Amtrak Sawtooth Bridges 2025

RunNo.: LB136006

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
pH		pH	7.02	7	100	90-110	06/04/2025
Sample ID:	CCV1						
pH		pH	2.01	2.00	101	90-110	06/04/2025
Sample ID:	CCV2						
pH		pH	12.02	12.00	100	90-110	06/04/2025

Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture

SDG No.: Q2198

Project: Amtrak Sawtooth Bridges 2025

RunNo.: LB136021

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Reactive Cyanide	mg/L	0.1	0.099	101	85-115	06/05/2025
Sample ID: CCV1 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	06/05/2025
Sample ID: CCV2 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	06/05/2025
Sample ID: CCV3 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	06/05/2025
Sample ID: CCV4 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	06/05/2025

Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture

SDG No.: Q2198

Project: Amtrak Sawtooth Bridges 2025

RunNo.: LB136024

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.493	0.5	99	90-110	06/05/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.497	0.5	99	90-110	06/05/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.495	0.5	99	90-110	06/05/2025
Sample ID: CCV3 Hexavalent Chromium	mg/L	0.493	0.5	99	90-110	06/05/2025
Sample ID: CCV4 Hexavalent Chromium	mg/L	0.495	0.5	99	90-110	06/05/2025

Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture

SDG No.: Q2198

Project: Amtrak Sawtooth Bridges 2025

RunNo.: LB136042

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
pH		pH	7.01	7	100	90-110	06/06/2025
Sample ID:	CCV1						
pH		pH	2.01	2.00	101	90-110	06/06/2025
Sample ID:	CCV2						
pH		pH	12.02	12.00	100	90-110	06/06/2025

Initial and Continuing Calibration Blank Summary

Client: Portal Partners Tri-Venture

SDG No.: Q2198

Project: Amtrak Sawtooth Bridges 2025

RunNo.: LB136000

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	06/04/2025
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	06/04/2025
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	06/04/2025

Initial and Continuing Calibration Blank Summary

Client: Portal Partners Tri-Venture
Project: Amtrak Sawtooth Bridges 2025

SDG No.: Q2198
RunNo.: LB136021

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	06/05/2025
Sample ID: CCB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	06/05/2025
Sample ID: CCB2 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	06/05/2025
Sample ID: CCB3 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	06/05/2025
Sample ID: CCB4 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	06/05/2025

Initial and Continuing Calibration Blank Summary

Client: Portal Partners Tri-Venture
Project: Amtrak Sawtooth Bridges 2025

SDG No.: Q2198
RunNo.: LB136024

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	06/05/2025
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	06/05/2025
Sample ID: CCB3 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	06/05/2025
Sample ID: CCB4 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	06/05/2025
Sample ID: ICB Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	06/05/2025

Preparation Blank Summary

Client: Portal Partners Tri-Venture

SDG No.: Q2198

Project: Amtrak Sawtooth Bridges 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB136000BL							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.003	0.01	06/04/2025
Sample ID: PB168265BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	06/05/2025
Sample ID: PB168266BL							
Reactive Cyanide	mg/Kg	< 0.0250	0.0250	U	0.0084	0.05	06/05/2025
Sample ID: PB168267BL							
Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.201	10	06/04/2025

Matrix Spike Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q2198
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q2185-01
Client ID:	TP02-MHB-WCMS	Percent Solids for Spike Sample:	85.5

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	1460		0.081	U	1500	40	97		06/05/2025

Matrix Spike Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q2198
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q2185-01
Client ID:	TP02-MHB-WCMS	Percent Solids for Spike Sample:	85.5

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	45.5		0.081	U	46.8	2	97		06/05/2025

Matrix Spike Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q2198
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q2185-01
Client ID:	TP02-MHB-WCMS	Percent Solids for Spike Sample:	85.5

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	36.5		0.081	U	46.8	2	78		06/05/2025

Matrix Spike Summary

Client:

Portal Partners Tri-Venture

SDG No.:

Q2198

Project:

Amtrak Sawtooth Bridges 2025

Sample ID:

Q2198-05

Client ID:

B-202-GW01MS

Percent Solids for Spike Sample:

0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/L	90-111	0.92		0.0030	U	1.0	2	92		06/04/2025

Matrix Spike Summary

Client:

Portal Partners Tri-Venture

SDG No.:

Q2198

Project:

Amtrak Sawtooth Bridges 2025

Sample ID:

Q2198-05

Client ID:

B-202-GW01MSD

Percent Solids for Spike Sample:

0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/L	90-111	0.93		0.0030	U	1.0	2	93		06/04/2025

Duplicate Sample Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q2198
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q2175-01
Client ID:	32525DUP	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		06/04/2025

Duplicate Sample Summary

Client: Portal Partners Tri-Venture Project: Amtrak Sawtooth Bridges 2025 Client ID: TP02-MHB-WCDUP	SDG No.: Q2198 Sample ID: Q2185-01 Percent Solids for Spike Sample: 85.5
--	---

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.081	U	0.081	U	1	0		06/05/2025

Duplicate Sample Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q2198
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q2185-04
Client ID:	TP02-MHB-WCDUP	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
Reactive Cyanide	mg/Kg	+/-20	0.0083	U	0.0083	U	1	0		06/05/2025
Reactive Sulfide	mg/Kg	+/-20	3.16	J	3.16	J	1	0		06/04/2025

Duplicate Sample Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q2198
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q2198-01
Client ID:	B-202-SB02DUP	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	6.61		6.62		1	0.15		06/04/2025

Duplicate Sample Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q2198
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q2198-02
Client ID:	B-202-SB02DUP	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
Corrosivity	pH	+/-20	6.61		6.62		1	0.15		06/04/2025

Duplicate Sample Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q2198
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q2198-05
Client ID:	B-202-GW01DUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Hexavalent Chromium	mg/L	+/-20	0.0030	U	0.0030	U	1	0		06/04/2025
pH	pH	+/-20	6.42		6.43		1	0.16		06/06/2025

Duplicate Sample Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q2198
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q2198-05
Client ID:	B-202-GW01MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/L	+/-20	0.92		0.93		2	0.43		06/04/2025

Laboratory Control Sample Summary

Client: Portal Partners Tri-Venture

SDG No.: Q2198

Project: Amtrak Sawtooth Bridges 2025

Run No.: LB136000

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136000BS							
Hexavalent Chromium	mg/L	0.5	0.51		102	1	90-111	06/04/2025

Laboratory Control Sample Summary

Client: Portal Partners Tri-Venture

SDG No.: Q2198

Project: Amtrak Sawtooth Bridges 2025

Run No.: LB136024

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB168265BS							
Hexavalent Chromium	mg/Kg	20	19.8		99	1	84-110	06/05/2025

Instrument ID: FLAME

Daily Analysis Runlog For Sequence/QC Batch ID # LB135998

Review By	Eman	Review On	6/4/2025 2:02:38 PM
Supervise By	jignesh	Supervise On	6/4/2025 2:06:56 PM
SubDirectory	LB135998	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	Q2175-01	32525	SAM	06/04/25 08:45		Eman	OK
2	Q2175-01DUP	32525DUP	DUP	06/04/25 08:52		Eman	OK
3	Q2185-01	TP02-MHB-WC	SAM	06/04/25 09:00		Eman	OK
4	Q2185-04	TP02-MHB-WC	SAM	06/04/25 09:07		Eman	OK
5	Q2185-05	TP01-MHA-WC	SAM	06/04/25 09:15		Eman	OK
6	Q2185-08	TP01-MHA-WC	SAM	06/04/25 09:22		Eman	OK
7	Q2192-01	SB-1	SAM	06/04/25 09:30		Eman	OK
8	Q2194-01	COMP-12	SAM	06/04/25 09:37		Eman	OK
9	Q2194-02	COMP-12	SAM	06/04/25 09:45		Eman	OK
10	Q2194-03	COMP-13	SAM	06/04/25 09:52		Eman	OK
11	Q2194-04	COMP-13	SAM	06/04/25 10:00		Eman	OK
12	Q2198-02	B-202-SB02	SAM	06/04/25 10:07		Eman	OK
13	Q2198-04	B-207-SB02	SAM	06/04/25 10:15		Eman	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136000

Review By	rubina	Review On	6/4/2025 3:48:05 PM
Supervise By	Iwona	Supervise On	6/5/2025 2:55:27 PM
SubDirectory	LB136000	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	WP113369,WP113368,WP113366,WP113365,WP113373,WP112831,WP113367,WP113372,WP113370,WP113371		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	06/04/25 09:45		rubina	OK
2	CAL2	CAL2	CAL	06/04/25 09:45		rubina	OK
3	CAL3	CAL3	CAL	06/04/25 09:46		rubina	OK
4	CAL4	CAL4	CAL	06/04/25 09:46		rubina	OK
5	CAL5	CAL5	CAL	06/04/25 09:47		rubina	OK
6	CAL6	CAL6	CAL	06/04/25 09:47		rubina	OK
7	CAL7	CAL7	CAL	06/04/25 09:48		rubina	OK
8	ICV	ICV	ICV	06/04/25 09:48		rubina	OK
9	ICB	ICB	ICB	06/04/25 09:49		rubina	OK
10	CCV1	CCV1	CCV	06/04/25 09:49		rubina	OK
11	CCB1	CCB1	CCB	06/04/25 09:50		rubina	OK
12	RL Check	RL Check	SAM	06/04/25 09:51		rubina	OK
13	LB136000BL	LB136000BL	MB	06/04/25 09:51		rubina	OK
14	LB136000BS	LB136000BS	LCS	06/04/25 09:52		rubina	OK
15	Q2198-05	B-202-GW01	SAM	06/04/25 09:52		rubina	OK
16	Q2198-05DUP	B-202-GW01DUP	DUP	06/04/25 09:53		rubina	OK
17	Q2198-05MS	B-202-GW01MS	MS	06/04/25 09:53	2ML WP111315+98.0ML SAMPLE	rubina	OK
18	Q2198-05MSD	B-202-GW01MSD	MSD	06/04/25 09:54	2ML WP111315+98.0ML SAMPLE	rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136000

Review By	rubina	Review On	6/4/2025 3:48:05 PM
Supervise By	Iwona	Supervise On	6/5/2025 2:55:27 PM
SubDirectory	LB136000	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	WP113369,WP113368,WP113366,WP113365,WP113373,WP112831,WP113367,WP113372,WP113370,WP113371

19	CCV2	CCV2	CCV	06/04/25 09:54		rubina	OK
20	CCB2	CCB2	CCB	06/04/25 09:55		rubina	OK

A
B
C
D
E
F

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136005

Review By	jignesh	Review On	6/5/2025 11:53:30 AM
Supervise By	Iwona	Supervise On	6/5/2025 1:03:29 PM
SubDirectory	LB136005	Test	Corrosivity
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,W3071,W3161,W3200		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	06/04/25 11:30		Jignesh	OK
2	CAL2	CAL2	CAL	06/04/25 11:31		Jignesh	OK
3	CAL3	CAL3	CAL	06/04/25 11:33		Jignesh	OK
4	ICV	ICV	ICV	06/04/25 11:35		Jignesh	OK
5	CCV1	CCV1	CCV	06/04/25 11:37		Jignesh	OK
6	Q2194-02	COMP-12	SAM	06/04/25 11:44		Jignesh	OK
7	Q2194-04	COMP-13	SAM	06/04/25 11:47		Jignesh	OK
8	Q2198-02	B-202-SB02	SAM	06/04/25 11:55		Jignesh	OK
9	Q2198-02DUP	B-202-SB02DUP	DUP	06/04/25 11:56		Jignesh	OK
10	Q2198-04	B-207-SB02	SAM	06/04/25 12:00		Jignesh	OK
11	Q2206-04	TP-1	SAM	06/04/25 12:10		Jignesh	OK
12	Q2207-09	BU-703-COMP-01	SAM	06/04/25 12:15		Jignesh	OK
13	Q2207-18	BU-703-COMP-02	SAM	06/04/25 12:20		Jignesh	OK
14	Q2207-27	BU-703-COMP-03	SAM	06/04/25 12:30		Jignesh	OK
15	Q2207-36	BU-703-COMP-04	SAM	06/04/25 12:35		Jignesh	OK
16	CCV2	CCV2	CCV	06/04/25 12:40		Jignesh	OK
17	Q2207-45	BU-703-COMP-05	SAM	06/04/25 12:42		Jignesh	OK
18	Q2208-09	BU-703-COMP-06	SAM	06/04/25 12:45		Jignesh	OK

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136005

Review By	jignesh	Review On	6/5/2025 11:53:30 AM
Supervise By	Iwona	Supervise On	6/5/2025 1:03:29 PM
SubDirectory	LB136005	Test	Corrosivity
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,W3071,W3161,W3200		

19	Q2208-18	BU-703-COMP-07	SAM	06/04/25 12:50		Jignesh	OK
20	Q2208-27	BU-703-COMP-08	SAM	06/04/25 13:00		Jignesh	OK
21	Q2208-36	BU-703-COMP-09	SAM	06/04/25 13:10		Jignesh	OK
22	CCV3	CCV3	CCV	06/04/25 13:15		Jignesh	OK

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136006

Review By	jignesh	Review On	6/5/2025 12:01:14 PM
Supervise By	Iwona	Supervise On	6/5/2025 1:03:19 PM
SubDirectory	LB136006	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,W3071,W3161,W3200		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	06/04/25 11:30		Jignesh	OK
2	CAL2	CAL2	CAL	06/04/25 11:31		Jignesh	OK
3	CAL3	CAL3	CAL	06/04/25 11:33		Jignesh	OK
4	ICV	ICV	ICV	06/04/25 11:35		Jignesh	OK
5	CCV1	CCV1	CCV	06/04/25 11:37		Jignesh	OK
6	Q2198-01	B-202-SB02	SAM	06/04/25 11:55		Jignesh	OK
7	Q2198-01DUP	B-202-SB02DUP	DUP	06/04/25 11:56		Jignesh	OK
8	Q2198-03	B-207-SB02	SAM	06/04/25 12:00		Jignesh	OK
9	CCV2	CCV2	CCV	06/04/25 12:19		Jignesh	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB136021

Review By	rubina	Review On	6/5/2025 5:39:07 PM
Supervise By	Iwona	Supervise On	6/6/2025 9:40:17 AM
SubDirectory	LB136021	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP113382,WP113383,WP113384,WP113385,WP113386,WP113387,WP113388		
ICV Standard	WP113389		
CCV Standard	WP113383		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP112643,WP112900,WP113390		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	06/05/25 10:01		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	06/05/25 10:01		rubina	OK
3	10PPBCN	10PPBCN	CAL3	06/05/25 10:01		rubina	OK
4	50PPBCN	50PPBCN	CAL4	06/05/25 10:01		rubina	OK
5	100PPBCN	100PPBCN	CAL5	06/05/25 10:01		rubina	OK
6	250PPBCN	250PPBCN	CAL6	06/05/25 10:01		rubina	OK
7	500PPBCN	500PPBCN	CAL7	06/05/25 10:01		rubina	OK
8	ICV1	ICV1	ICV	06/05/25 13:36		rubina	OK
9	ICB1	ICB1	ICB	06/05/25 13:36		rubina	OK
10	CCV1	CCV1	CCV	06/05/25 13:37		rubina	OK
11	CCB1	CCB1	CCB	06/05/25 13:37		rubina	OK
12	PB168266BL	PB168266BL	MB	06/05/25 13:37		rubina	OK
13	Q2185-04	TP02-MHB-WC	SAM	06/05/25 13:37		rubina	OK
14	Q2185-04DUP	TP02-MHB-WCDUP	DUP	06/05/25 13:44		rubina	OK
15	Q2185-08	TP01-MHA-WC	SAM	06/05/25 13:44		rubina	OK
16	Q2194-02	COMP-12	SAM	06/05/25 13:44		rubina	OK
17	Q2194-04	COMP-13	SAM	06/05/25 13:44		rubina	OK
18	Q2198-02	B-202-SB02	SAM	06/05/25 13:44		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB136021

Review By	rubina	Review On	6/5/2025 5:39:07 PM
Supervise By	Iwona	Supervise On	6/6/2025 9:40:17 AM
SubDirectory	LB136021	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP113382,WP113383,WP113384,WP113385,WP113386,WP113387,WP113388		
ICV Standard	WP113389		
CCV Standard	WP113383		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP112643,WP112900,WP113390		

19	Q2198-04	B-207-SB02	SAM	06/05/25 13:44		rubina	OK
20	Q2206-04	TP-1	SAM	06/05/25 13:44		rubina	OK
21	Q2207-09	BU-703-COMP-01	SAM	06/05/25 13:44		rubina	OK
22	CCV2	CCV2	CCV	06/05/25 13:52		rubina	OK
23	CCB2	CCB2	CCB	06/05/25 13:52		rubina	OK
24	Q2207-18	BU-703-COMP-02	SAM	06/05/25 13:52		rubina	OK
25	Q2207-27	BU-703-COMP-03	SAM	06/05/25 13:52		rubina	OK
26	Q2207-36	BU-703-COMP-04	SAM	06/05/25 13:52		rubina	OK
27	Q2207-45	BU-703-COMP-05	SAM	06/05/25 13:52		rubina	OK
28	Q2208-09	BU-703-COMP-06	SAM	06/05/25 13:52		rubina	OK
29	Q2208-18	BU-703-COMP-07	SAM	06/05/25 13:59		rubina	OK
30	Q2208-27	BU-703-COMP-08	SAM	06/05/25 13:59		rubina	OK
31	Q2208-36	BU-703-COMP-09	SAM	06/05/25 13:59		rubina	OK
32	PB168294BL	PB168294BL	MB	06/05/25 13:59		rubina	OK
33	Q2226-04	TP06-MHI-WC	SAM	06/05/25 13:59		rubina	OK
34	CCV3	CCV3	CCV	06/05/25 13:59		rubina	OK
35	CCB3	CCB3	CCB	06/05/25 14:07		rubina	OK
36	Q2226-04DUP	TP06-MHI-WCDUP	DUP	06/05/25 14:07		rubina	OK
37	Q2227-04	TP07-MHH-WC	SAM	06/05/25 14:07		rubina	OK
38	Q2228-04	TP08-MHI-WC	SAM	06/05/25 14:07		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB136021

Review By	rubina	Review On	6/5/2025 5:39:07 PM
Supervise By	Iwona	Supervise On	6/6/2025 9:40:17 AM
SubDirectory	LB136021	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP113382,WP113383,WP113384,WP113385,WP113386,WP113387,WP113388		
ICV Standard	WP113389		
CCV Standard	WP113383		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP112643,WP112900,WP113390		

39	Q2235-03	WC-A2-08-C	SAM	06/05/25 14:07		rubina	OK
40	Q2236-03	WC-A4-05A-C	SAM	06/05/25 14:07		rubina	OK
41	Q2236-07	WC-A2-04-C	SAM	06/05/25 14:07		rubina	OK
42	Q2236-11	WC-A2-05-C	SAM	06/05/25 14:07		rubina	OK
43	Q2236-15	WC-A2-06-C	SAM	06/05/25 14:07		rubina	OK
44	Q2236-19	WC-A2-07-C	SAM	06/05/25 14:07		rubina	OK
45	CCV4	CCV4	CCV	06/05/25 14:12		rubina	OK
46	CCB4	CCB4	CCB	06/05/25 14:12		rubina	OK

Instrument ID: TITRAMETRIC

Daily Analysis Runlog For Sequence/QC Batch ID # LB136023

Review By	rubina	Review On	6/5/2025 3:53:13 PM
Supervise By	Iwona	Supervise On	6/5/2025 4:20:18 PM
SubDirectory	LB136023	Test	Reactive Sulfide
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	W3105,W3213,W3149		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	Q2206-04	TP-1	SAM	06/04/25 14:24		rubina	OK
2	PB168267BL	PB168267BL	MB	06/04/25 17:03		rubina	OK
3	Q2185-04	TP02-MHB-WC	SAM	06/04/25 17:06		rubina	OK
4	Q2185-04DUP	TP02-MHB-WCDUP	DUP	06/04/25 17:09		rubina	OK
5	Q2185-08	TP01-MHA-WC	SAM	06/04/25 17:11		rubina	OK
6	Q2194-02	COMP-12	SAM	06/04/25 17:15		rubina	OK
7	Q2194-04	COMP-13	SAM	06/04/25 17:18		rubina	OK
8	Q2198-02	B-202-SB02	SAM	06/04/25 17:20		rubina	OK
9	Q2198-04	B-207-SB02	SAM	06/04/25 17:22		rubina	OK
10	Q2207-09	BU-703-COMP-01	SAM	06/04/25 17:26		rubina	OK
11	Q2207-18	BU-703-COMP-02	SAM	06/04/25 17:29		rubina	OK
12	Q2207-27	BU-703-COMP-03	SAM	06/04/25 17:32		rubina	OK
13	Q2207-36	BU-703-COMP-04	SAM	06/04/25 17:35		rubina	OK
14	Q2207-45	BU-703-COMP-05	SAM	06/04/25 17:37		rubina	OK
15	Q2208-09	BU-703-COMP-06	SAM	06/04/25 17:40		rubina	OK
16	Q2208-18	BU-703-COMP-07	SAM	06/04/25 17:42		rubina	OK
17	Q2208-27	BU-703-COMP-08	SAM	06/04/25 17:45		rubina	OK
18	Q2208-36	BU-703-COMP-09	SAM	06/04/25 17:47		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136024

Review By	rubina	Review On	6/5/2025 4:28:45 PM
Supervise By	Iwona	Supervise On	6/9/2025 1:16:19 PM
SubDirectory	LB136024	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	WP113405,WP112831,WP112830,WP113087		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	06/05/25 13:00		rubina	OK
2	CAL2	CAL2	CAL	06/05/25 13:01		rubina	OK
3	CAL3	CAL3	CAL	06/05/25 13:02		rubina	OK
4	CAL4	CAL4	CAL	06/05/25 13:03		rubina	OK
5	CAL5	CAL5	CAL	06/05/25 13:04		rubina	OK
6	CAL6	CAL6	CAL	06/05/25 13:05		rubina	OK
7	CAL7	CAL7	CAL	06/05/25 13:06		rubina	OK
8	ICV	ICV	ICV	06/05/25 13:07		rubina	OK
9	CCV1	CCV1	CCV	06/05/25 13:09		rubina	OK
10	CCB1	CCB1	CCB	06/05/25 13:10		rubina	OK
11	RL Check	RL Check	SAM	06/05/25 13:11		rubina	OK
12	PB168265BL	PB168265BL	MB	06/05/25 13:12		rubina	OK
13	PB168265BS	PB168265BS	LCS	06/05/25 13:13		rubina	OK
14	Q2185-01	TP02-MHB-WC	SAM	06/05/25 13:14		rubina	OK
15	Q2185-01DUP	TP02-MHB-WCDUP	DUP	06/05/25 13:15		rubina	OK
16	Q2185-01MSPre	TP02-MHB-WCMS	MS	06/05/25 13:16		rubina	OK
17	Q2185-01MS2Ins	TP02-MHB-WCMS	MS	06/05/25 13:17		rubina	OK
18	Q2185-01MS3Post	TP02-MHB-WCMS	MS	06/05/25 13:18		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136024

Review By	rubina	Review On	6/5/2025 4:28:45 PM
Supervise By	Iwona	Supervise On	6/9/2025 1:16:19 PM
SubDirectory	LB136024	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	WP113405,WP112831,WP112830,WP113087		

19	Q2185-05	TP01-MHA-WC	SAM	06/05/25 13:19		rubina	OK
20	Q2194-01	COMP-12	SAM	06/05/25 13:20		rubina	OK
21	Q2194-03	COMP-13	SAM	06/05/25 13:21		rubina	OK
22	CCV2	CCV2	CCV	06/05/25 13:22		rubina	OK
23	CCB2	CCB2	CCB	06/05/25 13:23		rubina	OK
24	Q2195-01	OK-01-060325	SAM	06/05/25 13:24		rubina	OK
25	Q2198-01	B-202-SB02	SAM	06/05/25 13:25		rubina	OK
26	Q2198-03	B-207-SB02	SAM	06/05/25 13:26		rubina	OK
27	Q2206-01	TP-1	SAM	06/05/25 13:27		rubina	OK
28	Q2207-01	BU-703-COMP-01	SAM	06/05/25 13:28		rubina	OK
29	Q2207-10	BU-703-COMP-02	SAM	06/05/25 13:29		rubina	OK
30	Q2207-19	BU-703-COMP-03	SAM	06/05/25 13:30		rubina	OK
31	Q2207-28	BU-703-COMP-04	SAM	06/05/25 13:31		rubina	OK
32	Q2207-37	BU-703-COMP-05	SAM	06/05/25 13:32		rubina	OK
33	Q2208-01	BU-703-COMP-06	SAM	06/05/25 13:33		rubina	OK
34	CCV3	CCV3	CCV	06/05/25 13:34		rubina	OK
35	CCB3	CCB3	CCB	06/05/25 13:35		rubina	OK
36	Q2208-10	BU-703-COMP-07	SAM	06/05/25 13:36		rubina	OK
37	Q2208-19	BU-703-COMP-08	SAM	06/05/25 13:37		rubina	OK
38	Q2208-28	BU-703-COMP-09	SAM	06/05/25 13:38		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136024

Review By	rubina	Review On	6/5/2025 4:28:45 PM
Supervise By	Iwona	Supervise On	6/9/2025 1:16:19 PM
SubDirectory	LB136024	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	WP113405,WP112831,WP112830,WP113087		

39	Q2224-01	EO-01-06042025	SAM	06/05/25 13:39		rubina	OK
40	Q2226-01	TP06-MHI-WC	SAM	06/05/25 13:40		rubina	OK
41	Q2227-01	TP07-MHH-WC	SAM	06/05/25 13:41		rubina	OK
42	CCV4	CCV4	CCV	06/05/25 13:42		rubina	OK
43	CCB4	CCB4	CCB	06/05/25 13:43		rubina	OK
44	ICB	ICB	ICB	06/05/25 17:08		rubina	OK

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136042

Review By	jignesh	Review On	6/6/2025 2:47:29 PM
Supervise By	Iwona	Supervise On	6/9/2025 1:10:10 PM
SubDirectory	LB136042	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,W3071,W3161,W3200		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	06/06/25 12:15		jignesh	OK
2	CAL2	CAL2	CAL	06/06/25 12:16		jignesh	OK
3	CAL3	CAL3	CAL	06/06/25 12:17		jignesh	OK
4	ICV	ICV	ICV	06/06/25 12:20		jignesh	OK
5	CCV1	CCV1	CCV	06/06/25 12:25		jignesh	OK
6	Q2198-05	B-202-GW01	SAM	06/06/25 12:35		jignesh	OK
7	Q2198-05DUP	B-202-GW01DUP	DUP	06/06/25 12:37		jignesh	OK
8	Q2221-02	34900	SAM	06/06/25 12:44		jignesh	OK
9	Q2221-03	34867	SAM	06/06/25 12:55		jignesh	OK
10	Q2245-01	AU-25-0090	SAM	06/06/25 13:10		jignesh	OK
11	Q2245-02	AU-25-0091	SAM	06/06/25 13:15		jignesh	OK
12	CCV2	CCV2	CCV	06/06/25 13:20		jignesh	OK

LAB CHRONICLE

OrderID:	Q2198	OrderDate:	6/3/2025 2:31:00 PM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	N22, VOA Ref. #2 Soil, VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2198-01	B-202-SB02	SOIL			05/31/25 16:55			06/03/25
			Hexavalent Chromium	7196A		06/05/25	06/05/25 13:25	
			pH	9045D			06/04/25 11:55	
			Trivalent Chromium	6010D			06/05/25 20:37	
Q2198-02	B-202-SB02	SOIL			05/31/25 16:55			06/03/25
			Corrosivity	9045D			06/04/25 11:55	
			Ignitability	1030			06/04/25 10:07	
			Reactive Cyanide	9012B		06/05/25	06/05/25 13:44	
			Reactive Sulfide	9034		06/04/25	06/04/25 17:20	
Q2198-03	B-207-SB02	SOIL			06/01/25 11:04			06/03/25
			pH	9045D			06/04/25 12:00	
			Hexavalent Chromium	7196A		06/05/25	06/05/25 13:26	
			Trivalent Chromium	6010D			06/05/25 20:41	
Q2198-04	B-207-SB02	SOIL			06/01/25 11:04			06/03/25
			Corrosivity	9045D			06/04/25 12:00	

LAB CHRONICLE

Q2198-05	B-202-GW01	WATER	Ignitability	1030		06/04/25 10:15	
			Reactive Cyanide	9012B	06/05/25	06/05/25 13:44	
			Reactive Sulfide	9034	06/04/25	06/04/25 17:22	
					05/31/25 20:00		06/03/25
			pH	9040C		06/06/25 12:35	
			trivalent Chromium	6010D		06/04/25 21:07	
			Hexavalent Chromium	7196A		06/04/25 09:52	

SOP ID : M3060A,7196A-Hex.Chromium-26

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: 06/05/2025 Time : 09:30 Temp : 90 °C

End Digest Date: 06/05/2025 Time : 10:30 Temp : 95 °C

11 batch 06/05/2025 11-00 90 i
06/05/2025 12-00 94 c

Digestion tube ID : M6054

Block Thermometer ID : WC-Block#1

Filter paper ID : 400213

Prep Technician Signature: RIM

pH Meter ID : WC pH meter-1

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
PRE-DIGESTION SPIKE	2.0ML	WP111315
INSOLUBLE SPIKE	0.02GM	W2202
POST-DIGESTION SPIKE	2.0ML	WP111315
LCSS	1.0ML	WP111316
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	WP113085
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	WP113404
CAL3	CAL3	0.5ML	WP113404
CAL4	CAL4	1ML	WP113404
CAL5	CAL5	0.2ML	WP111315
CAL6	CAL6	1ML	WP111315
CAL7	CAL7	2.0ML	WP111315
ICV	ICV	1ML	WP111316
ICB	ICB	2.5ML	W3112
CCV	CCV	1ML	WP111315
CCB	CCB	2.5ML	W3112

Extraction Conformance/Non-Conformance Comments:

N/A

06/05/2025 RIM

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
PB168265BL	PBS265	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
PB168265BS	LCS265	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2185-01DUP	TP02-MHB-WCDUP	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2185-01MSPre	TP02-MHB-WCMSPRE	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2185-01MS2Ins	TP02-MHB-WCMS2INS	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2185-01MS3Post	TP02-MHB-WCMS3POST	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2185-01	TP02-MHB-WC	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2185-05	TP01-MHB-WC	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2194-01	COMP-12	2.58	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2194-03	COMP-13	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2195-01	OK-01-060325	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2198-01	B-202-SB02	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2198-03	B-207-SB01	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2206-01	TP-1	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2207-01	BU-703-COMP-01	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2207-10	BU-703-COMP-02	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2207-19	BU-703-COMP-03	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2207-28	BU-703-COMP-04	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2207-37	BU-703-COMP-05	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2208-01	BU-703-COMP-06	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2208-10	BU-703-COMP-07	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2208-19	BU-703-COMP-08	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2208-28	BU-703-COMP-09	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2224-01	EO-01-06042025	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2226-01	TP06-MHI-WC	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
Q2227-01	TP07-MHH-WC	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A

A
B
C
D
E
F

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-20

SDG No : N/A

Start Digest Date: 06/05/2025 Time : 08:50 Temp : N/A

Matrix : SOIL

End Digest Date: 06/05/2025 Time : 10:20 Temp : N/A

Pipette ID : N/A

Balance ID : WC SC-7

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : N/A

Block ID : MC-1,MC-2

Filter paper ID : N/A

Prep Technician Signature: RM

Weigh By : RM

pH Meter ID : N/A

Supervisor Signature: 12

Standardized Name	MLS USED	STD REF. # FROM LOG
PBS003	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP111294
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
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Comment

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/05/2025 10:30	RM	RM
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/Nitrite	Comment	Prep Pos
PB168266BL	PBS266	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2185-04	TP02-MHB-WC	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2185-04DUP	TP02-MHB-WCDUP	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2185-08	TP01-MHB-WC	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2194-02	COMP-12	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2194-04	COMP-13	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2198-02	B-202-SB02	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2198-04	B-207-SB01	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2206-04	TP-1	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2207-09	BU-703-COMP-01	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2207-18	BU-703-COMP-02	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2207-27	BU-703-COMP-03	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2207-36	BU-703-COMP-04	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2207-45	BU-703-COMP-05	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2208-09	BU-703-COMP-06	5.08	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2208-18	BU-703-COMP-07	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2208-27	BU-703-COMP-08	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2208-36	BU-703-COMP-09	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A

SOP ID : M9030B-Sulfide-12

SDG No : N/A

Matrix : SOIL

Pippete ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#1

Block ID : MC-2

Weigh By : RM

Start Digest Date: 06/04/2025 Time : 15:00 Temp : N/A

End Digest Date: 06/04/2025 Time : 16:30 Temp : N/A

Digestion tube ID : M5595

Block Thermometer ID : N/A

Filter paper ID : N/A

Prep Technician Signature: RM

pH Meter ID : N/A

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
PBS003	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.5M ZINC ACETATE	5.0ML	WP113086
FORMALDEHYDE	2.0ML	W2725
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

06/04/2025
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
PB168267BL	PBS267	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2185-04DUP	TP02-MHB-WCDUP	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2185-04	TP02-MHB-WC	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2185-08	TP01-MHB-WC	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2194-02	COMP-12	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2194-04	COMP-13	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2198-02	B-202-SB02	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2198-04	B-207-SB01	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2206-04	TP-1	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2207-09	BU-703-COMP-01	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2207-18	BU-703-COMP-02	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2207-27	BU-703-COMP-03	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2207-36	BU-703-COMP-04	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2207-45	BU-703-COMP-05	5.08	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2208-09	BU-703-COMP-06	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2208-18	BU-703-COMP-07	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2208-27	BU-703-COMP-08	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2208-36	BU-703-COMP-09	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A