



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25 07:45
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-SB01	SDG No.:	Q1514
Lab Sample ID:	Q1514-01	Matrix:	SOIL
		% Solid:	91.6

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.086	U	1	0.086	0.43	mg/Kg	03/07/25 09:00	03/07/25 12:30	7196A
Trivalent Chromium	19.4		1	0.55	0.55	mg/Kg		03/13/25 15:55	6010D

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:	Portal Partners Tri-Venture	Date Collected:	03/05/25 07:45
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-SB01	SDG No.:	Q1514
Lab Sample ID:	Q1514-02	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	7.46	H	1	0	0	pH		03/10/25 09:33	9045D
Ignitability	NO		1	0	0	oC		03/10/25 09:07	1030
Reactive Cyanide	0.079	J	1	0.043	0.25	mg/Kg	03/10/25 11:00	03/10/25 15:36	9012B
Reactive Sulfide	4.76	J	1	0.19	10.0	mg/Kg	03/10/25 13:30	03/11/25 08:44	9034

Comments: pH result reported at temperature 24.3 °C

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B = Analyte Found in Associated Method Blank

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25 08:00
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-SB02	SDG No.:	Q1514
Lab Sample ID:	Q1514-03	Matrix:	SOIL
		% Solid:	81

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.096	U	1	0.096	0.49	mg/Kg	03/07/25 09:00	03/07/25 12:31	7196A
Trivalent Chromium	6.40		1	0.62	0.62	mg/Kg		03/13/25 15:59	6010D

Comments:

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25 08:00
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-SB02	SDG No.:	Q1514
Lab Sample ID:	Q1514-04	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	7.80	H	1	0	0	pH		03/10/25 09:37	9045D
Ignitability	NO		1	0	0	oC		03/10/25 09:15	1030
Reactive Cyanide	0.080	J	1	0.042	0.24	mg/Kg	03/10/25 11:00	03/10/25 15:36	9012B
Reactive Sulfide	1.59	J	1	0.19	10.0	mg/Kg	03/10/25 13:30	03/11/25 08:47	9034

Comments: pH result reported at temperature 24.2 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25 10:25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-103-SB01	SDG No.:	Q1514
Lab Sample ID:	Q1514-05	Matrix:	SOIL
		% Solid:	89.1

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.087	U	1	0.087	0.44	mg/Kg	03/07/25 09:00	03/07/25 12:32	7196A
Trivalent Chromium	28.4		1	0.56	0.56	mg/Kg		03/13/25 16:03	6010D

Comments: _____

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J = Estimated Value
B = Analyte Found in Associated Method Blank
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25 10:25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-103-SB01	SDG No.:	Q1514
Lab Sample ID:	Q1514-06	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	9.11	H	1	0	0	pH		03/10/25 09:44	9045D
Ignitability	NO		1	0	0	oC		03/10/25 09:22	1030
Reactive Cyanide	0.075	J	1	0.044	0.25	mg/Kg	03/10/25 11:00	03/10/25 15:36	9012B
Reactive Sulfide	3.16	J	1	0.19	10.0	mg/Kg	03/10/25 13:30	03/11/25 08:50	9034

Comments: pH result reported at temperature 23.7 °C

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25 08:15
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-GW01	SDG No.:	Q1514
Lab Sample ID:	Q1514-07	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		03/06/25 16:44	7196A
trivalent Chromium	0.76		1	0.010	0.010	mg/L		03/13/25 18:44	6010D

Comments: _____

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Q = indicates LCS control criteria did not meet requirements

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25 10:40
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-103-GW01	SDG No.:	Q1514
Lab Sample ID:	Q1514-08	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		03/06/25 16:48	7196A
trivalent Chromium	0.16		1	0.010	0.010	mg/L		03/13/25 15:46	6010D

Comments:

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J = Estimated Value
 B = Analyte Found in Associated Method Blank
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 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:	03/06/25 00:00
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	FB03062025	SDG No.:	Q1514
Lab Sample ID:	Q1514-09	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		03/06/25 16:49	7196A
trivalent Chromium	0.010	U	1	0.010	0.010	mg/L		03/13/25 15:51	6010D

Comments: _____

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MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

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H = Sample Analysis Out Of Hold Time

J = Estimated Value

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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.: Q1514
RunNo.: LB134933

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.499	0.5	100	90-110	03/06/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.504	0.5	101	90-110	03/06/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.503	0.5	101	90-110	03/06/2025

Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture

SDG No.: Q1514

Project: Amtrak Sawtooth Bridges 2025

RunNo.: LB134940

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.503	0.5	101	90-110	03/07/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.499	0.5	100	90-110	03/07/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.499	0.5	100	90-110	03/07/2025
Sample ID: CCV3 Hexavalent Chromium	mg/L	0.501	0.5	100	90-110	03/07/2025
Sample ID: CCV4 Hexavalent Chromium	mg/L	0.499	0.5	100	90-110	03/07/2025

Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture

SDG No.: Q1514

Project: Amtrak Sawtooth Bridges 2025

RunNo.: LB134956

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Corrosivity	ICV	pH	7.01	7	100	90-110	03/10/2025
Sample ID: Corrosivity	CCV1	pH	2.02	2.00	101	90-110	03/10/2025
Sample ID: Corrosivity	CCV2	pH	12.02	12.00	100	90-110	03/10/2025

Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture

SDG No.: Q1514

Project: Amtrak Sawtooth Bridges 2025

RunNo.: LB134969

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Reactive Cyanide	mg/L	0.097	0.099	98	85-115	03/10/2025
Sample ID: CCV1 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	03/10/2025
Sample ID: CCV2 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	03/10/2025
Sample ID: CCV3 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	03/10/2025
Sample ID: CCV4 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	03/10/2025

Initial and Continuing Calibration Blank Summary

Client: Portal Partners Tri-Venture

SDG No.: Q1514

Project: Amtrak Sawtooth Bridges 2025

RunNo.: LB134933

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	03/06/2025
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	03/06/2025
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	03/06/2025

Initial and Continuing Calibration Blank Summary

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

SDG No.: Q1514
RunNo.: LB134940

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	03/07/2025
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	03/07/2025
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	03/07/2025
Sample ID: CCB3 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	03/07/2025
Sample ID: CCB4 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	03/07/2025

Initial and Continuing Calibration Blank Summary

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

SDG No.: Q1514
RunNo.: LB134969

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Reactive Cyanide	mg/L	0.0014	0.0025	J	0.00099	0.005	03/10/2025
Sample ID: CCB1 Reactive Cyanide	mg/L	0.0014	0.0025	J	0.00099	0.005	03/10/2025
Sample ID: CCB2 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	03/10/2025
Sample ID: CCB3 Reactive Cyanide	mg/L	0.0013	0.0025	J	0.00099	0.005	03/10/2025
Sample ID: CCB4 Reactive Cyanide	mg/L	0.0017	0.0025	J	0.00099	0.005	03/10/2025

Preparation Blank Summary

Client: Portal Partners Tri-Venture

SDG No.: Q1514

Project: Amtrak Sawtooth Bridges 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB134933BL							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.003	0.01	03/06/2025
Sample ID: PB167015BL							
Reactive Cyanide	mg/Kg	0.068	0.1250	J	0.044	0.25	03/10/2025
Sample ID: PB167023BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.079	0.4	03/07/2025
Sample ID: PB167041BL							
Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.186	10	03/11/2025

Matrix Spike Summary

Client:

Portal Partners Tri-Venture

SDG No.:

Q1514

Project:

Amtrak Sawtooth Bridges 2025

Sample ID:

Q1514-05

Client ID:

ENV-103-SB01MS

Percent Solids for Spike Sample:

89.1

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	1380		0.087	U	1440	40	96		03/07/2025

Matrix Spike Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q1514
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q1514-05
Client ID:	ENV-103-SB01MS	Percent Solids for Spike Sample:	89.1

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	42.5		0.087	U	44.9	2	95		03/07/2025

Matrix Spike Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q1514
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q1514-05
Client ID:	ENV-103-SB01MS	Percent Solids for Spike Sample:	89.1

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	38.2		0.087	U	44.9	2	85		03/07/2025

Matrix Spike Summary

Client:

Portal Partners Tri-Venture

SDG No.:

Q1514

Project:

Amtrak Sawtooth Bridges 2025

Sample ID:

Q1514-07

Client ID:

ENV-105-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	0.97		0.0030	U	1.0	2	97		03/06/2025

Matrix Spike Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q1514
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q1514-07
Client ID:	ENV-105-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	0.97		0.0030	U	1.0	2	97		03/06/2025

Duplicate Sample Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q1514
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q1490-02
Client ID:	CLAY-SLUDGE-DRUMSDUP	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	0.076	J	0.059	J	1	25	*	03/10/2025

Duplicate Sample Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q1514
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q1510-01
Client ID:	FMC-25-0001-0005DUP	Percent Solids for Spike Sample:	80.4

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Reactive Sulfide	mg/Kg	+/-20	1.58	J	1.58	J	1	0		03/11/2025

Duplicate Sample Summary

Client: Portal Partners Tri-Venture Project: Amtrak Sawtooth Bridges 2025 Client ID: ENV-103-SB01DUP	SDG No.: Q1514 Sample ID: Q1514-05 Percent Solids for Spike Sample: 89.1
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Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.087	U	0.087	U	1	0		03/07/2025

Duplicate Sample Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q1514
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q1514-07
Client ID:	ENV-105-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		03/06/2025

Duplicate Sample Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q1514
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q1514-07
Client ID:	ENV-105-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	0.97		0.97		2	0.21		03/06/2025

Duplicate Sample Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q1514
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q1523-06
Client ID:	WC-AI-02-CDUP	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	12.3		12.3		1	0.08		03/10/2025

Duplicate Sample Summary

Client: Portal Partners Tri-Venture Project: Amtrak Sawtooth Bridges 2025 Client ID: 60289DUP	SDG No.: Q1514 Sample ID: Q1529-04 Percent Solids for Spike Sample: 100
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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		03/10/2025

Laboratory Control Sample Summary

Client: Portal Partners Tri-Venture

SDG No.: Q1514

Project: Amtrak Sawtooth Bridges 2025

Run No.: LB134933

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB134933BS							
Hexavalent Chromium	mg/L	0.5	0.51		103	1	90-111	03/06/2025

Laboratory Control Sample Summary

Client: Portal Partners Tri-Venture

SDG No.: Q1514

Project: Amtrak Sawtooth Bridges 2025

Run No.: LB134940

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB167023BS							
Hexavalent Chromium	mg/Kg	20	20.1		101	1	84-110	03/07/2025

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134933

Review By	rubina	Review On	3/7/2025 12:23:25 PM
Supervise By	Iwona	Supervise On	3/7/2025 12:42:02 PM
SubDirectory	LB134933	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	WP112223,WP112222,WP112220,WP112219,WP112185,WP110380,WP112221,WP112226,WP112224,WP112225		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	03/06/25 16:30		rubina	OK
2	CAL2	CAL2	CAL	03/06/25 16:31		rubina	OK
3	CAL3	CAL3	CAL	03/06/25 16:32		rubina	OK
4	CAL4	CAL4	CAL	03/06/25 16:33		rubina	OK
5	CAL5	CAL5	CAL	03/06/25 16:34		rubina	OK
6	CAL6	CAL6	CAL	03/06/25 16:35		rubina	OK
7	CAL7	CAL7	CAL	03/06/25 16:36		rubina	OK
8	ICV	ICV	ICV	03/06/25 16:37		rubina	OK
9	ICB	ICB	ICB	03/06/25 16:38		rubina	OK
10	CCV1	CCV1	CCV	03/06/25 16:39		rubina	OK
11	CCB1	CCB1	CCB	03/06/25 16:40		rubina	OK
12	RL Check	RL Check	SAM	03/06/25 16:41		rubina	OK
13	LB134933BL	LB134933BL	MB	03/06/25 16:42		rubina	OK
14	LB134933BS	LB134933BS	LCS	03/06/25 16:43		rubina	OK
15	Q1514-07	ENV-105-GW01	SAM	03/06/25 16:44		rubina	OK
16	Q1514-07DUP	ENV-105-GW01DUP	DUP	03/06/25 16:45		rubina	OK
17	Q1514-07MS	ENV-105-GW01MS	MS	03/06/25 16:46	1ML WP111315+99.0ML SAMPLE	rubina	OK
18	Q1514-07MSD	ENV-105-GW01MSD	MSD	03/06/25 16:47	1ML WP111315+99.0ML SAMPLE	rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134933

Review By	rubina	Review On	3/7/2025 12:23:25 PM
Supervise By	Iwona	Supervise On	3/7/2025 12:42:02 PM
SubDirectory	LB134933	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	WP112223,WP112222,WP112220,WP112219,WP112185,WP110380,WP112221,WP112226,WP112224,WP112225		

19	Q1514-08	ENV-103-GW01	SAM	03/06/25 16:48		rubina	OK
20	Q1514-09	FB03062025	SAM	03/06/25 16:49		rubina	OK
21	CCV2	CCV2	CCV	03/06/25 16:50		rubina	OK
22	CCB2	CCB2	CCB	03/06/25 16:51		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134940

Review By	rubina	Review On	3/7/2025 12:52:03 PM
Supervise By	Iwona	Supervise On	3/7/2025 1:18:19 PM
SubDirectory	LB134940	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	WP112185,WP110380,WP110381,WP111249		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	03/07/25 12:00		rubina	OK
2	CAL2	CAL2	CAL	03/07/25 12:01		rubina	OK
3	CAL3	CAL3	CAL	03/07/25 12:02		rubina	OK
4	CAL4	CAL4	CAL	03/07/25 12:03		rubina	OK
5	CAL5	CAL5	CAL	03/07/25 12:04		rubina	OK
6	CAL6	CAL6	CAL	03/07/25 12:05		rubina	OK
7	CAL7	CAL7	CAL	03/07/25 12:06		rubina	OK
8	ICV	ICV	ICV	03/07/25 12:07		rubina	OK
9	ICB	ICB	ICB	03/07/25 12:08		rubina	OK
10	CCV1	CCV1	CCV	03/07/25 12:09		rubina	OK
11	CCB1	CCB1	CCB	03/07/25 12:10		rubina	OK
12	RL Check	RL Check	SAM	03/07/25 12:11		rubina	OK
13	PB167023BL	PB167023BL	MB	03/07/25 12:12		rubina	OK
14	PB167023BS	PB167023BS	LCS	03/07/25 12:13		rubina	OK
15	Q1481-01	WC-K1311	SAM	03/07/25 12:14		rubina	OK
16	Q1484-01	TR-OTR-COMP-01	SAM	03/07/25 12:15		rubina	OK
17	Q1488-01	ENV-101-SB01	SAM	03/07/25 12:16		rubina	OK
18	Q1488-03	ENV-101-SB02	SAM	03/07/25 12:17		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134940

Review By	rubina	Review On	3/7/2025 12:52:03 PM
Supervise By	Iwona	Supervise On	3/7/2025 1:18:19 PM
SubDirectory	LB134940	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	WP112185,WP110380,WP110381,WP111249		

19	Q1488-05	ENV-102-SB01	SAM	03/07/25 12:18		rubina	OK
20	Q1488-07	ENV-102-SB02	SAM	03/07/25 12:19		rubina	OK
21	Q1488-09	ENV-104-SB01	SAM	03/07/25 12:20		rubina	OK
22	Q1488-11	ENV-104-SB02	SAM	03/07/25 12:21		rubina	OK
23	CCV2	CCV2	CCV	03/07/25 12:22		rubina	OK
24	CCB2	CCB2	CCB	03/07/25 12:23		rubina	OK
25	Q1490-01	CLAY-SLUDGE-DRUM	SAM	03/07/25 12:24		rubina	OK
26	Q1494-03	ASPHALT-SOIL	SAM	03/07/25 12:25		rubina	OK
27	Q1494-05	SOIL	SAM	03/07/25 12:26		rubina	OK
28	Q1494-07	SOIL-COMP	SAM	03/07/25 12:27		rubina	OK
29	Q1507-01	50-MIDDLESEX-AVE	SAM	03/07/25 12:28		rubina	OK
30	Q1508-01	RBR251372	SAM	03/07/25 12:29		rubina	OK
31	Q1514-01	ENV-105-SB01	SAM	03/07/25 12:30		rubina	OK
32	Q1514-03	ENV-105-SB02	SAM	03/07/25 12:31		rubina	OK
33	Q1514-05	ENV-103-SB01	SAM	03/07/25 12:32		rubina	OK
34	Q1514-05DUP	ENV-103-SB01DUP	DUP	03/07/25 12:33		rubina	OK
35	CCV3	CCV3	CCV	03/07/25 12:34		rubina	OK
36	CCB3	CCB3	CCB	03/07/25 12:35		rubina	OK
37	Q1514-05MSPre	ENV-103-SB01MS	MS	03/07/25 12:36		rubina	OK
38	Q1514-05MS2Ins	ENV-103-SB01MS	MS	03/07/25 12:37		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134940

Review By	rubina	Review On	3/7/2025 12:52:03 PM
Supervise By	Iwona	Supervise On	3/7/2025 1:18:19 PM
SubDirectory	LB134940	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	WP112185,WP110380,WP110381,WP111249

39	Q1514-05MS3Post	ENV-103-SB01MS	MS	03/07/25 12:38		rubina	OK
40	CCV4	CCV4	CCV	03/07/25 12:39		rubina	OK
41	CCB4	CCB4	CCB	03/07/25 12:40		rubina	OK

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134956

Review By	jignesh	Review On	3/10/2025 9:32:25 AM
Supervise By	Iwona	Supervise On	3/10/2025 10:04:54 AM
SubDirectory	LB134956	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	W3107,W3093,W3094,W3071,W3161,W3072		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	03/10/25 08:15		Jignesh	OK
2	CAL2	CAL2	CAL	03/10/25 08:16		Jignesh	OK
3	CAL3	CAL3	CAL	03/10/25 08:20		Jignesh	OK
4	ICV	ICV	ICV	03/10/25 08:25		Jignesh	OK
5	CCV1	CCV1	CCV	03/10/25 09:20		Jignesh	OK
6	Q1510-01	FMC-25-0001-0005	SAM	03/10/25 09:25		Jignesh	OK
7	Q1514-02	ENV-105-SB01	SAM	03/10/25 09:33		Jignesh	OK
8	Q1514-04	ENV-105-SB02	SAM	03/10/25 09:37		Jignesh	OK
9	Q1514-06	ENV-103-SB01	SAM	03/10/25 09:44		Jignesh	OK
10	Q1523-03	WC-A1-01-C	SAM	03/10/25 09:55		Jignesh	OK
11	Q1523-06	WC-A2-02-C	SAM	03/10/25 10:10		Jignesh	OK
12	Q1523-06DUP	WC-A2-02-C	DUP	03/10/25 10:11		Jignesh	OK
13	CCV2	CCV2	CCV	03/10/25 10:15		Jignesh	OK

Instrument ID: FLAME

Daily Analysis Runlog For Sequence/QC Batch ID # LB134966

Review By	rubina	Review On	3/10/2025 3:00:49 PM
Supervise By	Iwona	Supervise On	3/10/2025 3:02:00 PM
SubDirectory	LB134966	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	Q1510-01	FMC-25-0001-0005	SAM	03/10/25 09:00		rubina	OK
2	Q1514-02	ENV-105-SB01	SAM	03/10/25 09:07		rubina	OK
3	Q1514-04	ENV-105-SB02	SAM	03/10/25 09:15		rubina	OK
4	Q1514-06	ENV-103-SB01	SAM	03/10/25 09:22		rubina	OK
5	Q1516-01	GAS-AUD-25-0004	SAM	03/10/25 09:30		rubina	OK
6	Q1516-02	GAS-AUD-25-0025	SAM	03/10/25 09:38		rubina	OK
7	Q1518-01	OILY-DEBRIS-COMP	SAM	03/10/25 09:45		rubina	OK
8	Q1523-03	WC-A1-01-C	SAM	03/10/25 09:52		rubina	OK
9	Q1523-06	WC-A2-02-C	SAM	03/10/25 10:00		rubina	OK
10	Q1529-01	60300	SAM	03/10/25 10:08		rubina	OK
11	Q1529-02	60301	SAM	03/10/25 10:15		rubina	OK
12	Q1529-03	60303	SAM	03/10/25 10:22		rubina	OK
13	Q1529-04	60289	SAM	03/10/25 10:30		rubina	OK
14	Q1529-04DUP	60289DUP	DUP	03/10/25 10:38		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB134969

Review By	Niha	Review On	3/11/2025 10:45:59 AM
Supervise By	Iwona	Supervise On	3/11/2025 4:16:35 PM
SubDirectory	LB134969	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP112236,WP112237,WP112238,WP112239,WP112240,WP112241,WP112242		
ICV Standard	WP112243		
CCV Standard	WP112237		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP111035,WP110103,WP112244		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	03/10/25 10:17		Niha	OK
2	5.0PPBCN	5.0PPBCN	CAL2	03/10/25 10:17		Niha	OK
3	10PPBCN	10PPBCN	CAL3	03/10/25 10:17		Niha	OK
4	50PPBCN	50PPBCN	CAL4	03/10/25 10:17		Niha	OK
5	100PPBCN	100PPBCN	CAL5	03/10/25 10:17		Niha	OK
6	250PPBCN	250PPBCN	CAL6	03/10/25 10:17		Niha	OK
7	500PPBCN	500PPBCN	CAL7	03/10/25 10:17		Niha	OK
8	ICV1	ICV1	ICV	03/10/25 15:29		Niha	OK
9	ICB1	ICB1	ICB	03/10/25 15:29		Niha	OK
10	CCV1	CCV1	CCV	03/10/25 15:29		Niha	OK
11	CCB1	CCB1	CCB	03/10/25 15:29		Niha	OK
12	PB167015BL	PB167015BL	MB	03/10/25 15:29		Niha	OK
13	Q1490-02	CLAY-SLUDGE-DRUM	SAM	03/10/25 15:29		Niha	OK
14	Q1490-02DUP	CLAY-SLUDGE-DRUM	DUP	03/10/25 15:36		Niha	OK
15	Q1494-04	ASPHALT-SOIL	SAM	03/10/25 15:36		Niha	OK
16	Q1494-06	SOIL	SAM	03/10/25 15:36		Niha	OK
17	Q1494-08	SOIL-COMP	SAM	03/10/25 15:36		Niha	OK
18	Q1510-01	FMC-25-0001-0005	SAM	03/10/25 15:36		Niha	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB134969

Review By	Niha	Review On	3/11/2025 10:45:59 AM
Supervise By	Iwona	Supervise On	3/11/2025 4:16:35 PM
SubDirectory	LB134969	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP112236,WP112237,WP112238,WP112239,WP112240,WP112241,WP112242		
ICV Standard	WP112243		
CCV Standard	WP112237		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP111035,WP110103,WP112244		

19	Q1514-02	ENV-105-SB01	SAM	03/10/25 15:36		Niha	OK
20	Q1514-04	ENV-105-SB02	SAM	03/10/25 15:36		Niha	OK
21	Q1514-06	ENV-103-SB01	SAM	03/10/25 15:36		Niha	OK
22	CCV2	CCV2	CCV	03/10/25 15:37		Niha	OK
23	CCB2	CCB2	CCB	03/10/25 15:44		Niha	OK
24	Q1523-03	WC-A1-01-C	SAM	03/10/25 15:44		Niha	OK
25	Q1534-12	OR-636-COMP-17	SAM	03/10/25 15:44		Niha	OK
26	Q1534-18	OR-636-COMP-18	SAM	03/10/25 15:44		Niha	OK
27	Q1534-24	OR-636-COMP-19	SAM	03/10/25 15:44		Niha	OK
28	Q1534-06	OR-636-COMP-16	SAM	03/10/25 15:44		Niha	OK
29	Q1523-06	WC-A2-02-C	SAM	03/10/25 15:44		Niha	OK
30	PB167048BL	PB167048BL	MB	03/10/25 15:44		Niha	OK
31	Q1494-01	PURGE-WATER	SAM	03/10/25 15:44		Niha	OK
32	Q1494-01DUP	PURGE-WATERDUP	DUP	03/10/25 15:51		Niha	OK
33	Q1517-01	MOO-25-0062	SAM	03/10/25 15:51		Niha	OK
34	CCV3	CCV3	CCV	03/10/25 15:52		Niha	OK
35	CCB3	CCB3	CCB	03/10/25 15:52		Niha	OK
36	Q1538-01	BELL-25-0004	SAM	03/10/25 15:52		Niha	OK
37	CCV4	CCV4	CCV	03/10/25 15:52		Niha	OK
38	CCB4	CCB4	CCB	03/10/25 15:52		Niha	OK

Instrument ID: TITRAMETRIC

Daily Analysis Runlog For Sequence/QC Batch ID # LB134977

Review By	rubina	Review On	3/11/2025 11:55:37 AM
Supervise By	Iwona	Supervise On	3/11/2025 11:59:22 AM
SubDirectory	LB134977	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,W3114,W3149		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	PB167041BL	PB167041BL	MB	03/11/25 08:35		rubina	OK
2	Q1510-01	FMC-25-0001-0005	SAM	03/11/25 08:38		rubina	OK
3	Q1510-01DUP	FMC-25-0001-0005DU	DUP	03/11/25 08:41		rubina	OK
4	Q1514-02	ENV-105-SB01	SAM	03/11/25 08:44		rubina	OK
5	Q1514-04	ENV-105-SB02	SAM	03/11/25 08:47		rubina	OK
6	Q1514-06	ENV-103-SB01	SAM	03/11/25 08:50		rubina	OK
7	Q1523-03	WC-A1-01-C	SAM	03/11/25 08:53		rubina	OK
8	Q1523-06	WC-A2-02-C	SAM	03/11/25 08:56		rubina	OK
9	Q1534-06	OR-636-COMP-16	SAM	03/11/25 08:58		rubina	OK
10	Q1534-12	OR-636-COMP-17	SAM	03/11/25 09:00		rubina	OK
11	Q1534-18	OR-636-COMP-18	SAM	03/11/25 09:03		rubina	OK
12	Q1534-24	OR-636-COMP-19	SAM	03/11/25 09:05		rubina	OK

LAB CHRONICLE

OrderID:	Q1514	OrderDate:	3/6/2025 2:08:00 PM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	I31,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1514-01	ENV-105-SB01	SOIL			03/05/25 07:45	03/07/25	03/07/25 12:30	03/06/25
			Hexavalent Chromium	7196A				
			Trivalent Chromium	6010D			03/13/25 15:55	
Q1514-02	ENV-105-SB01	SOIL			03/05/25 07:45	03/10/25	03/10/25 09:33	03/06/25
			Corrosivity	9045D				
			Ignitability	1030			03/10/25 09:07	
			Reactive Cyanide	9012B		03/10/25	03/10/25 15:36	
			Reactive Sulfide	9034		03/10/25	03/11/25 08:44	
Q1514-03	ENV-105-SB02	SOIL			03/05/25 08:00	03/07/25	03/07/25 12:31	03/06/25
			Hexavalent Chromium	7196A				
			Trivalent Chromium	6010D			03/13/25 15:59	
Q1514-04	ENV-105-SB02	SOIL			03/05/25 08:00	03/10/25	03/10/25 09:15	03/06/25
			Corrosivity	9045D				
			Ignitability	1030				
			Reactive Cyanide	9012B			03/10/25 15:36	

LAB CHRONICLE

Q1514-05	ENV-103-SB01	SOIL	Reactive Sulfide	9034		03/10/25	03/11/25 08:47	03/06/25
			Hexavalent Chromium	7196A	03/05/25 10:25	03/07/25	03/07/25 12:32	
			Trivalent Chromium	6010D			03/13/25 16:03	
Q1514-06	ENV-103-SB01	SOIL			03/05/25 10:25			03/06/25
			Corrosivity	9045D			03/10/25 09:44	
			Ignitability	1030			03/10/25 09:22	
			Reactive Cyanide	9012B		03/10/25	03/10/25 15:36	
			Reactive Sulfide	9034		03/10/25	03/11/25 08:50	
Q1514-07	ENV-105-GW01	WATER			03/05/25 08:15			03/06/25
			Hexavalent Chromium	7196A			03/06/25 16:44	
			trivalent Chromium	6010D			03/13/25 18:08	
Q1514-08	ENV-103-GW01	WATER			03/05/25 10:40			03/06/25
			Hexavalent Chromium	7196A			03/06/25 16:48	
			trivalent Chromium	6010D			03/13/25 15:46	
Q1514-09	FB03062025	Water			03/06/25 12:00			03/06/25
			trivalent Chromium	6010D			03/13/25 15:51	
			Hexavalent Chromium	7196A			03/06/25 16:49	

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

SDG No : N/A

Start Digest Date: 03/10/2025 Time : 11:00 Temp : N/A

Matrix : SOIL

End Digest Date: 03/10/2025 Time : 12:30 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: NF

Weigh By : NF

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
0.25N 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
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
03/10/2025, 12:45	NF / WC	NF / WC
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/Nitrite	Comment	Prep Pos
PB167015BL	PBS015	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1490-02DUP	CLAY-SLUDGE-DRUMSDUP	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1490-02	CLAY-SLUDGE-DRUMS	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1494-04	ASPHALT-SOIL	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1494-06	SOIL	1.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1494-08	SOIL-COMP	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1510-01	FMC-25-0001-0005	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1514-02	ENV-105-SB01	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1514-04	ENV-105-SB02	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1514-06	ENV-103-SB01	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1523-03	WC-AI-01-C	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1523-06	WC-AI-02-C	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1534-06	OR-363-COMP-16	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1534-12	OR-363-COMP-17	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1534-18	OR-363-COMP-18	1.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1534-24	OR-363OR-363-COMP-19-	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A

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

SDG No : N/A

Matrix : SOIL

Pippete 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: 03/07/2025 Time : 09:00 Temp : 90 °C

End Digest Date: 03/07/2025 Time : 10:00 Temp : 94 °C

 E. batch 03/07/2025 10-15 902 JRM
 03/07/2025 11-15 952 JRM

Digestion tube ID : M6054

Block Thermometer ID : WC-Block#1

Filter paper ID : 400213

Prep Technician Signature: RPT

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	50ML	W3112

Chemical Used	ML/SAMPLE USED	Lot Number
MAGNESIUM CHLORIDE	0.4GM	W3152
PHOSPHATE BUFFER	0.5ML	WP110498
HEX. DIGESTION SOLN.	50.0ML	WP111908
5M HNO3	5-7ML	WP110381
5N H2SO4	1-3ML	WP110380
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	WP112230
CAL3	CAL3	0.5ML	WP112230
CAL4	CAL4	1ML	WP112230
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

03/07/2025 RPT

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
PB167023BL	PBS023	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
PB167023BS	LCS023	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1481-01	WC-K1311	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1484-01	TR-OTR-COMP-01	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1488-01	ENV-101-SB01	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1488-03	ENV-101-SB02	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1488-05	ENV-102-SB01	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1488-07	ENV-102-SB02	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1488-09	ENV-104-SB01	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1488-11	ENV-104-SB02	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1490-01	CLAY-SLUDGE-DRUMS	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1494-03	ASPHALT-SOIL	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1494-05	SOIL	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1494-07	SOIL-COMP	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1507-01	50-MIDDLESEX-AVE	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1508-01	RBR251372	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1514-01	ENV-105-SB01	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1514-03	ENV-105-SB02	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1514-05	ENV-103-SB01	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1514-05DUP	ENV-103-SB01DUP	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1514-05MSPre	ENV-103-SB01MSPRE	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1514-05MS2Ins	ENV-103-SB01MS2INS	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1514-05MS3Post	ENV-103-SB01MS3POST	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A

SOP ID : M9030B-Sulfide-12

SDG No : N/A

Start Digest Date: 03/10/2025 Time : 13:30 Temp : N/A

Matrix : SOIL

End Digest Date: 03/10/2025 Time : 15:00 Temp : N/A

Pipette ID : WC

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: NF

Weigh By : NF

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	WP111004
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

Extraction Conformance/Non-Conformance Comments:

N/A

NF
03.10.2025

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
PB167041BL	PBS041	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1510-01DUP	FMC-25-0001-0005DUP	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1510-01	FMC-25-0001-0005	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1514-02	ENV-105-SB01	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1514-04	ENV-105-SB02	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1514-06	ENV-103-SB01	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1523-03	WC-AI-01-C	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1523-06	WC-AI-02-C	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1534-06	OR-363-COMP-16	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1534-12	OR-363-COMP-17	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1534-18	OR-363-COMP-18	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1534-24	OR-363OR-363-COMP-19-	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A