SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25 10:00
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	B-167-SB01	SDG No.:	Q1901
Lab Sample ID:	Q1901-02	Matrix:	SOIL
		% Solid:	82.6

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.083	U	1	0.083	0.48	mg/Kg	04/29/25 09:00	04/29/25 13:50	7196A
pH	8.45	H	1	0	0	pH		04/29/25 08:35	9045D
Trivalent Chromium	13.3		1	0.61	0.61	mg/Kg		04/30/25 21:21	6010D

Comments: pH result reported at temperature 21.3 °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

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25 10:15
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	B-170-SB01	SDG No.:	Q1901
Lab Sample ID:	Q1901-03	Matrix:	SOIL
		% Solid:	83

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.084	U	1	0.084	0.48	mg/Kg	04/29/25 09:00	04/29/25 13:57	7196A
pH	8.99	H	1	0	0	pH		04/29/25 08:40	9045D
Trivalent Chromium	12.2		1	0.60	0.60	mg/Kg		04/30/25 21:25	6010D

Comments: pH result reported at temperature 20.9 °C

U = Not Detected
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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

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25 10:30
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	B-167-SB02	SDG No.:	Q1901
Lab Sample ID:	Q1901-04	Matrix:	SOIL
		% Solid:	53.2

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.13	U	1	0.13	0.74	mg/Kg	04/29/25 09:00	04/29/25 13:58	7196A
pH	7.07	H	1	0	0	pH		04/29/25 08:44	9045D
Trivalent Chromium	28.8		1	0.94	0.94	mg/Kg		04/30/25 21:29	6010D

Comments: pH result reported at temperature 21.0 °C

U = Not Detected
LOQ = Limit of Quantitation
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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

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25 11:45
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	B-170-SB02	SDG No.:	Q1901
Lab Sample ID:	Q1901-05	Matrix:	SOIL
		% Solid:	75.1

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.091	U	1	0.091	0.52	mg/Kg	04/29/25 09:00	04/29/25 13:59	7196A
pH	8.16	H	1	0	0	pH		04/29/25 08:47	9045D
Trivalent Chromium	8.86		1	0.67	0.67	mg/Kg		04/30/25 21:33	6010D

Comments: pH result reported at temperature 20.7 °C

U = Not Detected
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LOD = Limit of Detection
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H = Sample Analysis Out Of Hold Time

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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

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25 12:15
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	FB04262025	SDG No.:	Q1901
Lab Sample ID:	Q1901-06	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		04/28/25 09:37	7196A
trivalent Chromium	0.010	U	1	0.010	0.010	mg/L		05/01/25 17:57	6010D

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
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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.
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N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25 10:00
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	B-167-SB01	SDG No.:	Q1901
Lab Sample ID:	Q1901-08	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	8.45	H	1	0	0	pH		04/29/25 08:35	9045D
Ignitability	NO		1	0	0	oC		04/30/25 12:00	1030
Reactive Cyanide	0.0084	U	1	0.0084	0.050	mg/Kg	04/28/25 11:45	04/28/25 15:00	9012B
Reactive Sulfide	1.59	J	1	0.20	10.0	mg/Kg	04/28/25 15:30	04/29/25 11:48	9034

Comments: pH result reported at temperature 21.3 °C

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MDL = Method Detection Limit
LOD = Limit of Detection
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H = Sample Analysis Out Of Hold Time
J = Estimated Value
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OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25 10:15
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	B-170-SB01	SDG No.:	Q1901
Lab Sample ID:	Q1901-09	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	8.99	H	1	0	0	pH		04/29/25 08:40	9045D
Ignitability	NO		1	0	0	oC		04/30/25 12:15	1030
Reactive Cyanide	0.0083	U	1	0.0083	0.049	mg/Kg	04/28/25 11:45	04/28/25 15:00	9012B
Reactive Sulfide	4.78	J	1	0.20	10.0	mg/Kg	04/28/25 15:30	04/29/25 11:50	9034

Comments: pH result reported at temperature 20.9 °C

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LOD = Limit of Detection
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25 10:30
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	B-167-SB02	SDG No.:	Q1901
Lab Sample ID:	Q1901-10	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	7.07	H	1	0	0	pH		04/29/25 08:44	9045D
Ignitability	NO		1	0	0	oC		04/30/25 12:23	1030
Reactive Cyanide	0.0083	J	1	0.0083	0.049	mg/Kg	04/28/25 11:45	04/28/25 15:00	9012B
Reactive Sulfide	6.31	J	1	0.20	10.0	mg/Kg	04/28/25 15:30	04/29/25 11:53	9034

Comments: pH result reported at temperature 21.0 °C

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LOD = Limit of Detection
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25 11:45
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	B-170-SB02	SDG No.:	Q1901
Lab Sample ID:	Q1901-11	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	8.16	H	1	0	0	pH		04/29/25 08:47	9045D
Ignitability	NO		1	0	0	oC		04/30/25 12:30	1030
Reactive Cyanide	0.0083	U	1	0.0083	0.050	mg/Kg	04/28/25 11:45	04/28/25 15:07	9012B
Reactive Sulfide	6.32	J	1	0.20	10.0	mg/Kg	04/28/25 15:30	04/29/25 11:56	9034

Comments: pH result reported at temperature 20.7 °C

U = Not Detected
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H = Sample Analysis Out Of Hold Time
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QC RESULT SUMMARY

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Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Project: Amtrak Sawtooth Bridges 2025 **RunNo.:** LB135579

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Hexavalent Chromium	mg/L	0.500	0.5	100	90-110	04/28/2025
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.504	0.5	101	90-110	04/28/2025
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.504	0.5	101	90-110	04/28/2025

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Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Project: Amtrak Sawtooth Bridges 2025 **RunNo.:** LB135581

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Reactive Cyanide	mg/L	0.096	0.099	97	85-115	04/28/2025
Sample ID: CCV1						
Reactive Cyanide	mg/L	0.24	0.25	96	90-110	04/28/2025
Sample ID: CCV2						
Reactive Cyanide	mg/L	0.24	0.25	96	90-110	04/28/2025
Sample ID: CCV3						
Reactive Cyanide	mg/L	0.25	0.25	100	90-110	04/28/2025
Sample ID: CCV4						
Reactive Cyanide	mg/L	0.25	0.25	100	90-110	04/28/2025
Sample ID: CCV5						
Reactive Cyanide	mg/L	0.25	0.25	100	90-110	04/28/2025

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Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Project: Amtrak Sawtooth Bridges 2025 **RunNo.:** LB135585

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV**						
Corrosivity		pH	7.01	7	100	90-110	04/29/2025
Sample ID:	**CCV1**						
Corrosivity		pH	2.01	2.00	101	90-110	04/29/2025
Sample ID:	**CCV2**						
Corrosivity		pH	12.02	12.00	100	90-110	04/29/2025
Sample ID:	**CCV3**						
Corrosivity		pH	2.01	2.00	101	90-110	04/29/2025

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Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Project: Amtrak Sawtooth Bridges 2025 **RunNo.:** LB135586

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV**						
pH	pH	7.01	7	100	90-110	04/29/2025
Sample ID: **CCV1**						
pH	pH	2.01	2.00	101	90-110	04/29/2025
Sample ID: **CCV2**						
pH	pH	12.02	12.00	100	90-110	04/29/2025

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Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Project: Amtrak Sawtooth Bridges 2025 **RunNo.:** LB135596

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Hexavalent Chromium	mg/L	0.491	0.5	98	90-110	04/29/2025
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.499	0.5	100	90-110	04/29/2025
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.491	0.5	98	90-110	04/29/2025
Sample ID: CCV3						
Hexavalent Chromium	mg/L	0.494	0.5	99	90-110	04/29/2025
Sample ID: CCV4						
Hexavalent Chromium	mg/L	0.494	0.5	99	90-110	04/29/2025

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Initial and Continuing Calibration Blank Summary

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Project: Amtrak Sawtooth Bridges 2025 **RunNo.:** LB135579

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	04/28/2025
Sample ID: CCB1							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	04/28/2025
Sample ID: CCB2							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	04/28/2025

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Initial and Continuing Calibration Blank Summary

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Project: Amtrak Sawtooth Bridges 2025 **RunNo.:** LB135581

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	04/28/2025
Sample ID: CCB1							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	04/28/2025
Sample ID: CCB2							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	04/28/2025
Sample ID: CCB3							
Reactive Cyanide	mg/L	0.0011	0.0025	J	0.00096	0.005	04/28/2025
Sample ID: CCB4							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	04/28/2025
Sample ID: CCB5							
Reactive Cyanide	mg/L	0.0011	0.0025	J	0.00096	0.005	04/28/2025

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Initial and Continuing Calibration Blank Summary

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Project: Amtrak Sawtooth Bridges 2025 **RunNo.:** LB135596

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	04/29/2025
Sample ID: CCB1							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	04/29/2025
Sample ID: CCB2							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	04/29/2025
Sample ID: CCB3							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	04/29/2025
Sample ID: CCB4							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	04/29/2025

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Preparation Blank Summary

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Project: Amtrak Sawtooth Bridges 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB135579BL							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.003	0.01	04/28/2025
Sample ID: PB167751BL							
Reactive Cyanide	mg/Kg	0.0085	0.0250	J	0.0084	0.05	04/28/2025
Sample ID: PB167784BL							
Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.201	10	04/29/2025
Sample ID: PB167785BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	04/29/2025

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Matrix Spike Summary

Client: Portal Partners Tri-Venture
SDG No.: Q1901
Project: Amtrak Sawtooth Bridges 2025
Sample ID: Q1901-02
Client ID: B-167-SB01MS
Percent Solids for Spike Sample: 82.6

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	1500		0.083	U	1550	40	97		04/29/2025

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Matrix Spike Summary

Client: Portal Partners Tri-Venture
SDG No.: Q1901
Project: Amtrak Sawtooth Bridges 2025
Sample ID: Q1901-02
Client ID: B-167-SB01MS
Percent Solids for Spike Sample: 82.6

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	46.5		0.083	U	48.4	2	96		04/29/2025

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Matrix Spike Summary

Client: Portal Partners Tri-Venture
SDG No.: Q1901
Project: Amtrak Sawtooth Bridges 2025
Sample ID: Q1901-02
Client ID: B-167-SB01MS
Percent Solids for Spike Sample: 82.6

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	40.8		0.083	U	48.4	2	84		04/29/2025

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Duplicate Sample Summary

Client: Portal Partners Tri-Venture
SDG No.: Q1901
Project: Amtrak Sawtooth Bridges 2025
Sample ID: Q1896-01
Client ID: 295-BERGEN-RODUP
Percent Solids for Spike Sample: 86.4

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Reactive Cyanide	mg/Kg	+/-20	0.011	J	0.011	J	1	0		04/28/2025

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Duplicate Sample Summary

Client: Portal Partners Tri-Venture
SDG No.: Q1901
Project: Amtrak Sawtooth Bridges 2025
Sample ID: Q1901-02
Client ID: B-167-SB01DUP
Percent Solids for Spike Sample: 82.6

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.083	U	0.083	U	1	0		04/29/2025

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Duplicate Sample Summary

Client: Portal Partners Tri-Venture
SDG No.: Q1901
Project: Amtrak Sawtooth Bridges 2025
Sample ID: Q1901-05
Client ID: B-170-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	8.16		8.17		1	0.12		04/29/2025

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Duplicate Sample Summary

Client: Portal Partners Tri-Venture
SDG No.: Q1901
Project: Amtrak Sawtooth Bridges 2025
Sample ID: Q1901-08
Client ID: B-167-SB01DUP
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		04/30/2025

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Duplicate Sample Summary

Client: Portal Partners Tri-Venture
Project: Amtrak Sawtooth Bridges 2025
Client ID: WC-7DUP
SDG No.: Q1901
Sample ID: Q1906-16
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 Sulfide	mg/Kg	+/-20	3.15	J	3.15	J	1	0		04/29/2025

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Duplicate Sample Summary

Client: Portal Partners Tri-Venture
SDG No.: Q1901
Project: Amtrak Sawtooth Bridges 2025
Sample ID: Q1907-02
Client ID: CO-8R-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
Corrosivity	pH	+/-20	8.41		8.42		1	0.12		04/29/2025

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Laboratory Control Sample Summary

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Project: Amtrak Sawtooth Bridges 2025 **Run No.:** LB135579

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB135579BS								
Hexavalent Chromium	mg/L	0.5	0.50		100	1	90-111	04/28/2025

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Laboratory Control Sample Summary

Client: Portal Partners Tri-Venture **SDG No.:** Q1901

Project: Amtrak Sawtooth Bridges 2025 **Run No.:** LB135596

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB167785BS								
Hexavalent Chromium	mg/Kg	20	19.9		100	1	84-110	04/29/2025

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Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135579

Review By	rubina	Review On	4/29/2025 12:35:11 PM
Supervise By	Iwona	Supervise On	4/30/2025 4:45:30 PM
SubDirectory	LB135579	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	WP112876,WP112875,WP112873,WP112872,WP112869,WP112831,WP112874,WP112879,WP112877,WP112878

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	04/28/25 09:30		rubina	OK
2	CAL2	CAL2	CAL	04/28/25 09:30		rubina	OK
3	CAL3	CAL3	CAL	04/28/25 09:31		rubina	OK
4	CAL4	CAL4	CAL	04/28/25 09:31		rubina	OK
5	CAL5	CAL5	CAL	04/28/25 09:32		rubina	OK
6	CAL6	CAL6	CAL	04/28/25 09:32		rubina	OK
7	CAL7	CAL7	CAL	04/28/25 09:33		rubina	OK
8	ICV	ICV	ICV	04/28/25 09:33		rubina	OK
9	ICB	ICB	ICB	04/28/25 09:34		rubina	OK
10	CCV1	CCV1	CCV	04/28/25 09:34		rubina	OK
11	CCB1	CCB1	CCB	04/28/25 09:35		rubina	OK
12	RL Check	RL Check	SAM	04/28/25 09:35		rubina	OK
13	LB135579BL	LB135579BL	MB	04/28/25 09:36		rubina	OK
14	LB135579BS	LB135579BS	LCS	04/28/25 09:36		rubina	OK
15	Q1901-06	FB04262025	SAM	04/28/25 09:37		rubina	OK
16	CCV2	CCV2	CCV	04/28/25 09:37		rubina	OK
17	CCB2	CCB2	CCB	04/28/25 09:38		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB135581

Review By	rubina	Review On	4/29/2025 12:54:08 PM
Supervise By	Iwona	Supervise On	4/29/2025 12:54:49 PM
SubDirectory	LB135581	Test	Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP112860,WP112861,WP112862,WP112863,WP112864,WP112865,WP112866
ICV Standard	WP112867
CCV Standard	WP112861
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP112643,WP111035,WP112868

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	04/28/25 11:29		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	04/28/25 11:29		rubina	OK
3	10PPBCN	10PPBCN	CAL3	04/28/25 11:29		rubina	OK
4	50PPBCN	50PPBCN	CAL4	04/28/25 11:29		rubina	OK
5	100PPBCN	100PPBCN	CAL5	04/28/25 11:29		rubina	OK
6	250PPBCN	250PPBCN	CAL6	04/28/25 11:29		rubina	OK
7	500PPBCN	500PPBCN	CAL7	04/28/25 11:29		rubina	OK
8	ICV1	ICV1	ICV	04/28/25 14:22		rubina	OK
9	ICB1	ICB1	ICB	04/28/25 14:22		rubina	OK
10	CCV1	CCV1	CCV	04/28/25 14:22		rubina	OK
11	CCB1	CCB1	CCB	04/28/25 14:22		rubina	OK
12	PB167732BL	PB167732BL	MB	04/28/25 14:22		rubina	OK
13	Q1865-01	COMP-1	SAM	04/28/25 14:29		rubina	OK
14	Q1865-02	COMP-2	SAM	04/28/25 14:29		rubina	OK
15	Q1865-03	COMP-3	SAM	04/28/25 14:29		rubina	OK
16	Q1865-04	COMP-4	SAM	04/28/25 14:29		rubina	OK
17	Q1869-04	MH-F	SAM	04/28/25 14:29		rubina	OK
18	Q1871-04	MH-A	SAM	04/28/25 14:29		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB135581

Review By	rubina	Review On	4/29/2025 12:54:08 PM
Supervise By	Iwona	Supervise On	4/29/2025 12:54:49 PM
SubDirectory	LB135581	Test	Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP112860,WP112861,WP112862,WP112863,WP112864,WP112865,WP112866
ICV Standard	WP112867
CCV Standard	WP112861
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP112643,WP111035,WP112868

19	Q1871-08	MH-B	SAM	04/28/25 14:29		rubina	OK
20	Q1874-02	VNJ-236	SAM	04/28/25 14:29		rubina	OK
21	Q1874-04	RT1491	SAM	04/28/25 14:29		rubina	OK
22	CCV2	CCV2	CCV	04/28/25 14:37		rubina	OK
23	CCB2	CCB2	CCB	04/28/25 14:37		rubina	OK
24	Q1874-06	HT3727	SAM	04/28/25 14:37		rubina	OK
25	Q1875-02	AUD-25-0053	SAM	04/28/25 14:37		rubina	OK
26	Q1891-04	MH-C	SAM	04/28/25 14:37		rubina	OK
27	Q1891-08	MH-D	SAM	04/28/25 14:37		rubina	OK
28	Q1892-04	MH-G	SAM	04/28/25 14:37		rubina	OK
29	Q1892-08	MH-H	SAM	04/28/25 14:37		rubina	OK
30	Q1892-12	MH-U2	SAM	04/28/25 14:44		rubina	OK
31	Q1895-02	COMP-1	SAM	04/28/25 14:44		rubina	OK
32	Q1895-04	COMP-2	SAM	04/28/25 14:44		rubina	OK
33	CCV3	CCV3	CCV	04/28/25 14:45		rubina	OK
34	CCB3	CCB3	CCB	04/28/25 14:45		rubina	OK
35	Q1895-06	COMP-3	SAM	04/28/25 14:52		rubina	OK
36	Q1895-06DUP	COMP-3DUP	DUP	04/28/25 14:52		rubina	OK
37	PB167751BL	PB167751BL	MB	04/28/25 14:52		rubina	OK
38	Q1896-01	295-BERGEN-RO	SAM	04/28/25 14:52		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB135581

Review By	rubina	Review On	4/29/2025 12:54:08 PM
Supervise By	Iwona	Supervise On	4/29/2025 12:54:49 PM
SubDirectory	LB135581	Test	Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP112860,WP112861,WP112862,WP112863,WP112864,WP112865,WP112866
ICV Standard	WP112867
CCV Standard	WP112861
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP112643,WP111035,WP112868

39	Q1896-01DUP	295-BERGEN-RODUI	DUP	04/28/25 14:52		rubina	OK
40	Q1900-08	WC-2	SAM	04/28/25 14:52		rubina	OK
41	Q1900-12	WC-3	SAM	04/28/25 14:52		rubina	OK
42	Q1901-08	B-167-SB01	SAM	04/28/25 15:00		rubina	OK
43	Q1901-09	B-170-SB01	SAM	04/28/25 15:00		rubina	OK
44	Q1901-10	B-167-SB02	SAM	04/28/25 15:00		rubina	OK
45	CCV4	CCV4	CCV	04/28/25 15:00		rubina	OK
46	CCB4	CCB4	CCB	04/28/25 15:00		rubina	OK
47	Q1901-11	B-170-SB02	SAM	04/28/25 15:07		rubina	OK
48	Q1900-04	WC-1	SAM	04/28/25 15:07		rubina	OK
49	CCV5	CCV5	CCV	04/28/25 15:07		rubina	OK
50	CCB5	CCB5	CCB	04/28/25 15:49		rubina	OK

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Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135585

Review By	jignesh	Review On	4/29/2025 11:59:03 AM
Supervise By	Iwona	Supervise On	4/29/2025 12:15:01 PM
SubDirectory	LB135585	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,W3072

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	04/29/25 08:20		Jignesh	OK
2	CAL2	CAL2	CAL	04/29/25 08:21		Jignesh	OK
3	CAL3	CAL3	CAL	04/29/25 08:22		Jignesh	OK
4	ICV	ICV	ICV	04/29/25 08:25		Jignesh	OK
5	CCV1	CCV1	CCV	04/29/25 08:30		Jignesh	OK
6	Q1901-08	B-167-SB01	SAM	04/29/25 08:35		Jignesh	OK
7	Q1901-09	B-170-SB01	SAM	04/29/25 08:40		Jignesh	OK
8	Q1901-10	B-167-SB02	SAM	04/29/25 08:44		Jignesh	OK
9	Q1901-11	B-170-SB02	SAM	04/29/25 08:47		Jignesh	OK
10	Q1904-02	VNJ-210	SAM	04/29/25 08:55		Jignesh	OK
11	Q1905-04	MH-G	SAM	04/29/25 09:00		Jignesh	OK
12	Q1905-08	MH-H	SAM	04/29/25 09:10		Jignesh	OK
13	Q1906-04	WC-4	SAM	04/29/25 09:15		Jignesh	OK
14	Q1906-08	WC-5	SAM	04/29/25 09:20		Jignesh	OK
15	Q1906-12	WC-6	SAM	04/29/25 09:30		Jignesh	OK
16	CCV2	CCV2	CCV	04/29/25 09:35		Jignesh	OK
17	Q1906-16	WC-7	SAM	04/29/25 09:35		Jignesh	OK
18	Q1907-02	CO-8R-WC	SAM	04/29/25 09:44		Jignesh	OK

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Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135585

Review By	jignesh	Review On	4/29/2025 11:59:03 AM
Supervise By	Iwona	Supervise On	4/29/2025 12:15:01 PM
SubDirectory	LB135585	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,W3072

19	Q1907-02DUP	CO-8R-WCDUP	DUP	04/29/25 09:45		Jignesh	OK
20	CCV3	CCV3	CCV	04/29/25 09:50		Jignesh	OK

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Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135586

Review By	jignesh	Review On	4/29/2025 12:06:41 PM
Supervise By	Iwona	Supervise On	4/29/2025 12:14:48 PM
SubDirectory	LB135586	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,W3072

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	04/29/25 08:20		Jignesh	OK
2	CAL2	CAL2	CAL	04/29/25 08:21		Jignesh	OK
3	CAL3	CAL3	CAL	04/29/25 08:22		Jignesh	OK
4	ICV	ICV	ICV	04/29/25 08:25		Jignesh	OK
5	CCV1	CCV1	CCV	04/29/25 08:30		Jignesh	OK
6	Q1901-02	B-167-SB01	SAM	04/29/25 08:35		Jignesh	OK
7	Q1901-03	B-170-SB01	SAM	04/29/25 08:40		Jignesh	OK
8	Q1901-04	B-167-SB02	SAM	04/29/25 08:44		Jignesh	OK
9	Q1901-05	B-170-SB02	SAM	04/29/25 08:47		Jignesh	OK
10	Q1901-05DUP	B-170-SB02DUP	DUP	04/29/25 08:48		Jignesh	OK
11	CCV2	CCV2	CCV	04/29/25 09:35		Jignesh	OK

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Instrument ID: TITRAMETRIC

Daily Analysis Runlog For Sequence/QCBatch ID # LB135593

Review By	rubina	Review On	4/29/2025 1:25:39 PM
Supervise By	Iwona	Supervise On	4/29/2025 1:51:22 PM
SubDirectory	LB135593	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	PB167784BL	PB167784BL	MB	04/29/25 11:35		rubina	OK
2	Q1896-01	295-BERGEN-RO	SAM	04/29/25 11:38		rubina	OK
3	Q1900-04	WC-1	SAM	04/29/25 11:40		rubina	OK
4	Q1900-08	WC-2	SAM	04/29/25 11:42		rubina	OK
5	Q1900-12	WC-3	SAM	04/29/25 11:45		rubina	OK
6	Q1901-08	B-167-SB01	SAM	04/29/25 11:48		rubina	OK
7	Q1901-09	B-170-SB01	SAM	04/29/25 11:50		rubina	OK
8	Q1901-10	B-167-SB02	SAM	04/29/25 11:53		rubina	OK
9	Q1901-11	B-170-SB02	SAM	04/29/25 11:56		rubina	OK
10	Q1904-02	VNJ-210	SAM	04/29/25 11:59		rubina	OK
11	Q1906-04	WC-4	SAM	04/29/25 12:02		rubina	OK
12	Q1906-08	WC-5	SAM	04/29/25 12:04		rubina	OK
13	Q1906-12	WC-6	SAM	04/29/25 12:07		rubina	OK
14	Q1906-16	WC-7	SAM	04/29/25 12:10		rubina	OK
15	Q1906-16DUP	WC-7DUP	DUP	04/29/25 12:13		rubina	OK

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Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135596

Review By	rubina	Review On	4/29/2025 3:09:23 PM
Supervise By	Iwona	Supervise On	4/29/2025 3:10:25 PM
SubDirectory	LB135596	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	WP112869,WP112831,WP112830,WP111249

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	04/29/25 13:30		rubina	OK
2	CAL2	CAL2	CAL	04/29/25 13:31		rubina	OK
3	CAL3	CAL3	CAL	04/29/25 13:32		rubina	OK
4	CAL4	CAL4	CAL	04/29/25 13:33		rubina	OK
5	CAL5	CAL5	CAL	04/29/25 13:34		rubina	OK
6	CAL6	CAL6	CAL	04/29/25 13:35		rubina	OK
7	CAL7	CAL7	CAL	04/29/25 13:36		rubina	OK
8	ICV	ICV	ICV	04/29/25 13:37		rubina	OK
9	ICB	ICB	ICB	04/29/25 13:38		rubina	OK
10	CCV1	CCV1	CCV	04/29/25 13:39		rubina	OK
11	CCB1	CCB1	CCB	04/29/25 13:40		rubina	OK
12	RL Check	RL Check	SAM	04/29/25 13:41		rubina	OK
13	PB167785BL	PB167785BL	MB	04/29/25 13:42		rubina	OK
14	PB167785BS	PB167785BS	LCS	04/29/25 13:43		rubina	OK
15	Q1892-01	MH-G	SAM	04/29/25 13:44		rubina	OK
16	Q1892-05	MH-H	SAM	04/29/25 13:45		rubina	OK
17	Q1892-09	MH-U2	SAM	04/29/25 13:46		rubina	OK
18	Q1900-01	WC-1	SAM	04/29/25 13:47		rubina	OK

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Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135596

Review By	rubina	Review On	4/29/2025 3:09:23 PM
Supervise By	Iwona	Supervise On	4/29/2025 3:10:25 PM
SubDirectory	LB135596	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	WP112869,WP112831,WP112830,WP111249

19	Q1900-05	WC-2	SAM	04/29/25 13:48		rubina	OK
20	Q1900-09	WC-3	SAM	04/29/25 13:49		rubina	OK
21	Q1901-02	B-167-SB01	SAM	04/29/25 13:50		rubina	OK
22	Q1901-02DUP	B-167-SB01DUP	DUP	04/29/25 13:51		rubina	OK
23	CCV2	CCV2	CCV	04/29/25 13:52		rubina	OK
24	CCB2	CCB2	CCB	04/29/25 13:53		rubina	OK
25	Q1901-02MSPre	B-167-SB01MS	MS	04/29/25 13:54		rubina	OK
26	Q1901-02MS2Ins	B-167-SB01MS	MS	04/29/25 13:55		rubina	OK
27	Q1901-02MS3Post	B-167-SB01MS	MS	04/29/25 13:56		rubina	OK
28	Q1901-03	B-170-SB01	SAM	04/29/25 13:57		rubina	OK
29	Q1901-04	B-167-SB02	SAM	04/29/25 13:58		rubina	OK
30	Q1901-05	B-170-SB02	SAM	04/29/25 13:59		rubina	OK
31	Q1903-01	COMP-4	SAM	04/29/25 14:00		rubina	OK
32	Q1903-02	COMP-5	SAM	04/29/25 14:01		rubina	OK
33	Q1903-03	COMP-6	SAM	04/29/25 14:02		rubina	OK
34	Q1904-01	VNJ-210	SAM	04/29/25 14:03		rubina	OK
35	CCV3	CCV3	CCV	04/29/25 14:04		rubina	OK
36	CCB3	CCB3	CCB	04/29/25 14:05		rubina	OK
37	Q1906-01	WC-4	SAM	04/29/25 14:06		rubina	OK
38	Q1906-05	WC-5	SAM	04/29/25 14:07		rubina	OK

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Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135596

Review By	rubina	Review On	4/29/2025 3:09:23 PM
Supervise By	Iwona	Supervise On	4/29/2025 3:10:25 PM
SubDirectory	LB135596	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	WP112869,WP112831,WP112830,WP111249

39	Q1906-09	WC-6	SAM	04/29/25 14:08		rubina	OK
40	Q1906-13	WC-7	SAM	04/29/25 14:09		rubina	OK
41	Q1907-01	CO-8R-WC	SAM	04/29/25 14:10		rubina	OK
42	CCV4	CCV4	CCV	04/29/25 14:11		rubina	OK
43	CCB4	CCB4	CCB	04/29/25 14:12		rubina	OK

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Fax : 908 789 8922

Instrument ID: FLAME

Daily Analysis Runlog For Sequence/QCBatch ID # LB135603

Review By	Iwona	Review On	4/30/2025 3:52:54 PM
Supervise By	jignesh	Supervise On	4/30/2025 3:54:01 PM
SubDirectory	LB135603	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	Q1901-08	B-167-SB01	SAM	04/30/25 12:00		Iwona	OK
2	Q1901-08DUP	B-167-SB01DUP	DUP	04/30/25 12:08		Iwona	OK
3	Q1901-09	B-170-SB01	SAM	04/30/25 12:15		Iwona	OK
4	Q1901-10	B-167-SB02	SAM	04/30/25 12:23		Iwona	OK
5	Q1901-11	B-170-SB02	SAM	04/30/25 12:30		Iwona	OK
6	Q1904-01	VNJ-210	SAM	04/30/25 12:37		Iwona	OK
7	Q1904-02	VNJ-210	SAM	04/30/25 12:45		Iwona	OK
8	Q1905-01	MH-G	SAM	04/30/25 12:53		Iwona	OK
9	Q1905-04	MH-G	SAM	04/30/25 13:00		Iwona	OK
10	Q1905-05	MH-H	SAM	04/30/25 13:07		Iwona	OK
11	Q1905-08	MH-H	SAM	04/30/25 13:14		Iwona	OK
12	Q1906-04	WC-4	SAM	04/30/25 13:30		Iwona	OK
13	Q1906-05	WC-5	SAM	04/30/25 13:38		Iwona	OK
14	Q1906-08	WC-5	SAM	04/30/25 13:45		Iwona	OK
15	Q1906-09	WC-6	SAM	04/30/25 13:52		Iwona	OK
16	Q1906-12	WC-6	SAM	04/30/25 14:00		Iwona	OK
17	Q1906-13	WC-7	SAM	04/30/25 14:08		Iwona	OK
18	Q1906-16	WC-7	SAM	04/30/25 14:15		Iwona	OK

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Instrument ID: FLAME

Daily Analysis Runlog For Sequence/QCBatch ID # LB135603

Review By	Iwona	Review On	4/30/2025 3:52:54 PM
Supervise By	jignesh	Supervise On	4/30/2025 3:54:01 PM
SubDirectory	LB135603	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

19	Q1906-01	WC-4	SAM	04/30/25 14:22		Iwona	OK
20	Q1907-02	CO-8R-WC	SAM	04/30/25 14:22		Iwona	OK

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LAB CHRONICLE

OrderID:	Q1901	**OrderDate:**	4/28/2025 10:24:00 AM
Client:	Portal Partners Tri-Venture	**Project:**	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1901-02	**B-167-SB01**	**SOIL**			**04/26/25 10:00**			**04/28/25**
			Hexavalent Chromium	7196A		04/29/25	04/29/25 13:50	
			pH	9045D			04/29/25 08:35	
			Trivalent Chromium	6010D			04/30/25 21:21	
Q1901-03	**B-170-SB01**	**SOIL**			**04/26/25 10:15**			**04/28/25**
			Hexavalent Chromium	7196A		04/29/25	04/29/25 13:57	
			pH	9045D			04/29/25 08:40	
			Trivalent Chromium	6010D			04/30/25 21:25	
Q1901-04	**B-167-SB02**	**SOIL**			**04/26/25 10:30**			**04/28/25**
			Hexavalent Chromium	7196A		04/29/25	04/29/25 13:58	
			pH	9045D			04/29/25 08:44	
			Trivalent Chromium	6010D			04/30/25 21:29	
Q1901-05	**B-170-SB02**	**SOIL**			**04/26/25 11:45**			**04/28/25**
			Hexavalent Chromium	7196A		04/29/25	04/29/25 13:59	
			pH	9045D			04/29/25 08:47	

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LAB CHRONICLE

			Trivalent Chromium	6010D			04/30/25 21:33	
Q1901-06	**FB04262025**	**WATER**			**04/26/25 12:15**			**04/28/25**
			Hexavalent Chromium	7196A			04/28/25 09:37	
			trivalent Chromium	6010D			05/01/25 17:57	
Q1901-08	**B-167-SB01**	**SOIL**			**04/26/25 10:00**			**04/28/25**
			Corrosivity	9045D			04/29/25 08:35	
			Ignitability	1030			04/30/25 12:00	
			Reactive Cyanide	9012B		04/28/25	04/28/25 15:00	
			Reactive Sulfide	9034		04/28/25	04/29/25 11:48	
Q1901-09	**B-170-SB01**	**SOIL**			**04/26/25 10:15**			**04/28/25**
			Corrosivity	9045D			04/29/25 08:40	
			Ignitability	1030			04/30/25 12:15	
			Reactive Cyanide	9012B		04/28/25	04/28/25 15:00	
			Reactive Sulfide	9034		04/28/25	04/29/25 11:50	
Q1901-10	**B-167-SB02**	**SOIL**			**04/26/25 10:30**			**04/28/25**
			Corrosivity	9045D			04/29/25 08:44	
			Ignitability	1030			04/30/25 12:23	
			Reactive Cyanide	9012B		04/28/25	04/28/25 15:00	
			Reactive Sulfide	9034		04/28/25	04/29/25 11:53	

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LAB CHRONICLE

Q1901-11	**B-170-SB02**	**SOIL**			**04/26/25 11:45**		**04/28/25**
			Corrosivity	9045D			04/29/25 08:47
			Ignitability	1030			04/30/25 12:30
			Reactive Cyanide	9012B		04/28/25	04/28/25 15:07
			Reactive Sulfide	9034		04/28/25	04/29/25 11:56

Alliance TECHNICAL GROUP

Soil/Sludge Reactive Cyanide Preparation Sheet

PB167732

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

SDG No : N/A

Matrix : SOIL

Pippete ID : N/A

Balance ID : WC SC-7

Hood ID : HOOD#1

Block ID : MC-1, MC-2

Weigh By : RM

Start Digest Date: 04/28/2025 **Time :** 09:50 **Temp :** N/A

End Digest Date: 04/28/2025 **Time :** 11:20 **Temp :** N/A

11 batch 04/28/2025 11:45
04/28/2025 13:15

Digestion tube ID : M5595

Filter paper ID : N/A

pH Meter ID : N/A

Block Thermometer ID : N/A

Prep Technician Signature: RM

Supervisor Signature: 12

Standared 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
04/28/2025 11:30	RM (WLC)	RM (WLC)
04/28/2025 13:25	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

Soil/Sludge Reactive Cyanide Preparation Sheet

PB167732

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB167732BL	PBS732	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1865-01	COMP-1	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1865-02	COMP-2	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1865-03	COMP-3	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1865-04	COMP-4	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1869-04	MH-F	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1871-04	MH-A	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1871-08	MH-B	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1874-02	VNJ-236	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1874-04	RT1491	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1874-06	HT3727	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1875-02	AUD-25-0053	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1891-04	MH-C	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1891-08	MH-D	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1892-04	MH-G	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1892-08	MH-H	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1892-12	MH-U2	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1895-02	COMP-1	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1895-04	COMP-2	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1895-06	COMP-3	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1895-06DUP	COMP-3DUP	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A

Alliance TECHNICAL GROUP

Soil/Sludge Reactive Cyanide Preparation Sheet

PB167751

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

SDG No : N/A

Start Digest Date: 04/28/2025 **Time :** 11:45 **Temp :** N/A

Matrix : SOIL

End Digest Date: 04/28/2025 **Time :** 13:15 **Temp :** N/A

Pippete 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:** JR

Standared 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
04/28/2025 1325	RM (WC)	RM (WC)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Reactive Cyanide Preparation Sheet

PB167751

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB167751BL	PBS751	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1896-01	295-BERGEN-RO	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1896-01DUP	295-BERGEN-RODUP	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1900-04	WC-1	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1900-08	WC-2	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1900-12	WC-3	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1901-08	B-167-SB01	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1901-09	B-170-SB01	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1901-10	B-167-SB02	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1901-11	B-170-SB02	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A

Alliance TECHNICAL GROUP

Soil/Sludge Reactive Sulfide Preparation Sheet

PB167784

SOP ID : M9030B-Sulfide-12

SDG No : N/A

Start Digest Date: 04/28/2025 **Time :** 15:30 **Temp :** N/A

Matrix : SOIL

End Digest Date: 04/28/2025 **Time :** 17:00 **Temp :** N/A

Pippete 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:** RM

Weigh By : RM **pH Meter ID :** N/A **Supervisor Signature:** 12

Standared 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: 04/28/2025 RM

N/A

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

Alliance TECHNICAL GROUP

Soil/Sludge Reactive Sulfide Preparation Sheet

PB167784

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB167784BL	PBS784	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1896-01	295-BERGEN-RO	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1900-04	WC-1	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1900-08	WC-2	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1900-12	WC-3	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1901-08	B-167-SB01	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1901-09	B-170-SB01	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1901-10	B-167-SB02	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1901-11	B-170-SB02	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1904-02	VNJ-210	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1906-04	WC-4	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1906-08	WC-5	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1906-12	WC-6	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1906-16	WC-7	5.08	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1906-16DUP	WC-7DUP	5.08	50	N/A	N/A	N/A	N/A	N/A	N/A

Alliance TECHNICAL GROUP

Soil/Sludge Hexavalent Chromium Preparation Sheet

PB167785

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-1, WC S-2

Weigh By : JP

Start Digest Date: 04/29/2025 **Time :** 09:00 **Temp :** 90 °C

End Digest Date: 04/29/2025 **Time :** 10:00 **Temp :** 95 °C

1 batch 04/29/2025 10:30 90 C
04/29/2025 11:30 95 C JP

Digestion tube ID : M6054

Filter paper ID : 400213

pH Meter ID : WC pH meter-1

Block Thermometer ID : WC-Block#1

Prep Technician Signature: JP

Supervisor Signature: IZ

Standared 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	WP110498
HEX. DIGESTION SOLN.	50.0ML	WP112686
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

LAB SAMPLE ID	CLIENT SAMPLE ID	Vol(ml)	Comment
CAL1	CAL1	2.5ML	W3112
CAL2	CAL2	0.2ML	WP112880
CAL3	CAL3	0.5ML	WP112880
CAL4	CAL4	1ML	WP112880
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:

04/29/2025 JP

N/A

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

Alliance TECHNICAL GROUP

Soil/Sludge Hexavalent Chromium Preparation Sheet

PB167785

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB167785BL	PBS785	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
PB167785BS	LCS785	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1892-01	MH-G	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1892-05	MH-H	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1892-09	MH-U2	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1900-01	WC-1	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1900-05	WC-2	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1900-09	WC-3	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1901-02	B-167-SB01	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1901-02DUP	B-167-SB01DUP	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1901-02MSPre	B-167-SB01MSPRE	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1901-02MS2Ins	B-167-SB01MS2INS	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1901-02MS3Post	B-167-SB01MS3POST	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1901-03	B-170-SB01	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1901-04	B-167-SB02	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1901-05	B-170-SB02	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1903-01	COMP-4	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1903-02	COMP-5	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1903-03	COMP-6	2.25	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1904-01	VNJ-210	2.23	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1906-01	WC-4	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1906-05	WC-5	2.58	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1906-09	WC-6	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1906-13	WC-7	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q1907-01	CO-8R-WC	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A