

Cover Page

Order ID : Q1488

Project ID : Amtrak Sawtooth Bridges 2025

Client : Portal Partners Tri-Venture

Lab Sample Number

Q1488-01
Q1488-02
Q1488-03
Q1488-04
Q1488-05
Q1488-06
Q1488-07
Q1488-08
Q1488-09
Q1488-10
Q1488-11
Q1488-12
Q1488-13
Q1488-14
Q1488-15

Client Sample Number

ENV-101-SB01
ENV-101-SB01
ENV-101-SB02
ENV-101-SB02
ENV-102-SB01
ENV-102-SB01
ENV-102-SB02
ENV-102-SB02
ENV-104-SB01
ENV-104-SB01
ENV-104-SB02
ENV-104-SB02
ENV-102-GW01
ENV-104-GW01
TB03042025

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 3/8/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Portal Partners Tri-Venture

Project Name: Amtrak Sawtooth Bridges 2025

Project # N/A

Chemtech Project # Q1488

Test Name: Hexavalent Chromium, Corrosivity, Ignitability, Reactive Cyanide, Reactive Sulfide

A. Number of Samples and Date of Receipt:

12 Solid samples were received on 03/04/2025.

3 Water samples were received on 03/04/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Corrosivity, EPH, EPH, Hexavalent Chromium, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-TCL BNA -20, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, VOC-TCLVOA-10 and VOC-TCLVOA-10. This data package contains results for Hexavalent Chromium, Corrosivity, Ignitability, Reactive Cyanide, Reactive Sulfide.

C. Analytical Techniques:

The analysis of Ignitability was based on method 1030, The analysis of Hexavalent Chromium was based on method 7196A, The analysis of Reactive Cyanide was based on method 9012B, The analysis of Reactive Sulfide was based on method 9034 and The analysis of Corrosivity was based on method 9045D.

D. QA/ QC Samples:

The Holding Times were met for all samples except for ENV-101-SB01 of Corrosivity, for ENV-101-SB02 of Corrosivity. for ENV-102-SB01 of Corrosivity. for ENV-102-SB02 of Corrosivity. for ENV-104-SB01 of Corrosivity. for ENV-104-SB02 of Corrosivity as samples were receive out of holding time.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

E. Additional Comments:



I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1488

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: MAYUR DESAI

Date: 03/08/2025

LAB CHRONICLE

OrderID:	Q1488	OrderDate:	3/4/2025 3:39:00 PM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	H31,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1488-01	ENV-101-SB01	SOIL			03/04/25 09:10			03/04/25
			Hexavalent Chromium	7196A		03/07/25	03/07/25 12:16	
Q1488-02	ENV-101-SB01	SOIL			03/04/25 09:10			03/04/25
			Corrosivity	9045D			03/05/25 16:20	
			Ignitability	1030			03/06/25 11:08	
			Reactive Cyanide	9012B		03/05/25	03/05/25 16:22	
			Reactive Sulfide	9034		03/05/25	03/06/25 13:30	
Q1488-03	ENV-101-SB02	SOIL			03/04/25 09:20			03/04/25
			Hexavalent Chromium	7196A		03/07/25	03/07/25 12:17	
Q1488-04	ENV-101-SB02	SOIL			03/04/25 09:20			03/04/25
			Corrosivity	9045D			03/05/25 16:25	
			Ignitability	1030			03/06/25 11:15	
			Reactive Cyanide	9012B		03/05/25	03/05/25 16:22	
			Reactive Sulfide	9034		03/05/25	03/06/25 13:33	

LAB CHRONICLE

Q1488-05	ENV-102-SB01	SOIL			03/04/25 10:05		03/04/25
			Hexavalent Chromium	7196A		03/07/25	03/07/25 12:18
Q1488-06	ENV-102-SB01	SOIL			03/04/25 10:05		03/04/25
			Corrosivity	9045D			03/05/25 16:30
			Ignitability	1030			03/06/25 11:22
			Reactive Cyanide	9012B		03/05/25	03/05/25 16:22
			Reactive Sulfide	9034		03/05/25	03/06/25 13:35
Q1488-07	ENV-102-SB02	SOIL			03/04/25 10:25		03/04/25
			Hexavalent Chromium	7196A		03/07/25	03/07/25 12:19
Q1488-08	ENV-102-SB02	SOIL			03/04/25 10:25		03/04/25
			Corrosivity	9045D			03/05/25 16:33
			Ignitability	1030			03/06/25 11:30
			Reactive Cyanide	9012B		03/05/25	03/05/25 16:22
			Reactive Sulfide	9034		03/05/25	03/06/25 13:38
Q1488-09	ENV-104-SB01	SOIL			03/04/25 12:00		03/04/25
			Hexavalent Chromium	7196A		03/07/25	03/07/25 12:20
Q1488-10	ENV-104-SB01	SOIL			03/04/25 12:00		03/04/25
			Corrosivity	9045D			03/05/25 16:35

LAB CHRONICLE

			Ignitability	1030			03/06/25 11:38	
			Reactive Cyanide	9012B		03/05/25	03/05/25 16:23	
			Reactive Sulfide	9034		03/05/25	03/06/25 13:41	
Q1488-11	ENV-104-SB02	SOIL			03/04/25 12:10			03/04/25
			Hexavalent Chromium	7196A		03/07/25	03/07/25 12:21	
Q1488-12	ENV-104-SB02	SOIL			03/04/25 12:10			03/04/25
			Corrosivity	9045D			03/05/25 16:40	
			Ignitability	1030			03/06/25 11:45	
			Reactive Cyanide	9012B		03/05/25	03/05/25 16:23	
			Reactive Sulfide	9034		03/05/25	03/06/25 13:44	
Q1488-13	ENV-102-GW01	WATER			03/04/25 10:45			03/04/25
			Hexavalent Chromium	7196A			03/04/25 16:59	
Q1488-14	ENV-104-GW01	WATER			03/04/25 12:30			03/04/25
			Hexavalent Chromium	7196A			03/04/25 17:00	



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25 09:10
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-101-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-01	Matrix:	SOIL
		% Solid:	88.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.089	U	1	0.089	0.45	mg/Kg	03/07/25 09:00	03/07/25 12:16	7196A

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:	03/04/25 09:10
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-101-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-02	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	6.27	H	1	0	0	pH		03/05/25 16:20	9045D
Ignitability	NO		1	0	0	oC		03/06/25 11:08	1030
Reactive Cyanide	0.042	U	1	0.042	0.24	mg/Kg	03/05/25 11:00	03/05/25 16:22	9012B
Reactive Sulfide	6.30	J	1	0.19	10.0	mg/Kg	03/05/25 15:50	03/06/25 13:30	9034

Comments: pH result reported at temperature 23.7 °C

U = Not Detected

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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:	03/04/25 09:20
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-101-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-03	Matrix:	SOIL
		% Solid:	90.6

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.086	U	1	0.086	0.44	mg/Kg	03/07/25 09:00	03/07/25 12:17	7196A

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:	03/04/25 09:20
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-101-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-04	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	6.50	H	1	0	0	pH		03/05/25 16:25	9045D
Ignitability	NO		1	0	0	oC		03/06/25 11:15	1030
Reactive Cyanide	0.044	U	1	0.044	0.25	mg/Kg	03/05/25 11:00	03/05/25 16:22	9012B
Reactive Sulfide	3.17	J	1	0.19	10.0	mg/Kg	03/05/25 15:50	03/06/25 13:33	9034

Comments: pH result reported at temperature 22.6 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25 10:05
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-05	Matrix:	SOIL
		% Solid:	85.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.091	U	1	0.091	0.46	mg/Kg	03/07/25 09:00	03/07/25 12:18	7196A

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:	03/04/25 10:05
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-06	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	6.23	H	1	0	0	pH		03/05/25 16:30	9045D
Ignitability	NO		1	0	0	oC		03/06/25 11:22	1030
Reactive Cyanide	0.043	U	1	0.043	0.24	mg/Kg	03/05/25 11:00	03/05/25 16:22	9012B
Reactive Sulfide	6.37	J	1	0.19	10.0	mg/Kg	03/05/25 15:50	03/06/25 13:35	9034

Comments: pH result reported at temperature 22.4 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25 10:25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-07	Matrix:	SOIL
		% Solid:	80.1

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 12:19	7196A

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:	03/04/25 10:25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-08	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	7.15	H	1	0	0	pH		03/05/25 16:33	9045D
Ignitability	NO		1	0	0	oC		03/06/25 11:30	1030
Reactive Cyanide	0.043	U	1	0.043	0.25	mg/Kg	03/05/25 11:00	03/05/25 16:22	9012B
Reactive Sulfide	3.16	J	1	0.19	10.0	mg/Kg	03/05/25 15:50	03/06/25 13:38	9034

Comments: pH result reported at temperature 22.3 °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

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25 12:00
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-104-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-09	Matrix:	SOIL
		% Solid:	82.6

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.094	U	1	0.094	0.48	mg/Kg	03/07/25 09:00	03/07/25 12:20	7196A

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:	03/04/25 12:00
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-104-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-10	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	6.50	H	1	0	0	pH		03/05/25 16:35	9045D
Ignitability	NO		1	0	0	oC		03/06/25 11:38	1030
Reactive Cyanide	0.042	U	1	0.042	0.24	mg/Kg	03/05/25 11:00	03/05/25 16:23	9012B
Reactive Sulfide	1.58	J	1	0.19	10.0	mg/Kg	03/05/25 15:50	03/06/25 13:41	9034

Comments: pH result reported at temperature 21.4 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25 12:10
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-104-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-11	Matrix:	SOIL
		% Solid:	81.1

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.097	U	1	0.097	0.49	mg/Kg	03/07/25 09:00	03/07/25 12:21	7196A

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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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.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25 12:10
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-104-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-12	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	7.06	H	1	0	0	pH		03/05/25 16:40	9045D
Ignitability	NO		1	0	0	oC		03/06/25 11:45	1030
Reactive Cyanide	0.044	U	1	0.044	0.25	mg/Kg	03/05/25 11:00	03/05/25 16:23	9012B
Reactive Sulfide	4.77	J	1	0.19	10.0	mg/Kg	03/05/25 15:50	03/06/25 13:44	9034

Comments: pH result reported at temperature 21.4 °C

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.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25 10:45
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-GW01	SDG No.:	Q1488
Lab Sample ID:	Q1488-13	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		03/04/25 16:59	7196A

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:	03/04/25 12:30
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-104-GW01	SDG No.:	Q1488
Lab Sample ID:	Q1488-14	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		03/04/25 17:00	7196A

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N = Spiked sample recovery not within control limits



QC RESULT SUMMARY



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Initial and Continuing Calibration Verification

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

SDG No.: Q1488
RunNo.: LB134896

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	03/04/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.503	0.5	101	90-110	03/04/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.501	0.5	100	90-110	03/04/2025

Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture

SDG No.: Q1488

Project: Amtrak Sawtooth Bridges 2025

RunNo.: LB134907

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
Corrosivity		pH	7.02	7	100	90-110	03/05/2025
Sample ID:	CCV1						
Corrosivity		pH	2.01	2.00	101	90-110	03/05/2025
Sample ID:	CCV2						
Corrosivity		pH	12.02	12.00	100	90-110	03/05/2025
Sample ID:	CCV3						
Corrosivity		pH	2.01	2.00	101	90-110	03/05/2025

Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture

SDG No.: Q1488

Project: Amtrak Sawtooth Bridges 2025

RunNo.: LB134914

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Reactive Cyanide	mg/L	0.095	0.099	96	85-115	03/05/2025
Sample ID: CCV1 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	03/05/2025
Sample ID: CCV2 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	03/05/2025
Sample ID: CCV3 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	03/05/2025

Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture

SDG No.: Q1488

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 Blank Summary

Client: Portal Partners Tri-Venture

SDG No.: Q1488

Project: Amtrak Sawtooth Bridges 2025

RunNo.: LB134896

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	03/04/2025
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	03/04/2025
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	03/04/2025

Initial and Continuing Calibration Blank Summary

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

SDG No.: Q1488
RunNo.: LB134914

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	03/05/2025
Sample ID: CCB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	03/05/2025
Sample ID: CCB2 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	03/05/2025
Sample ID: CCB3 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	03/05/2025

Initial and Continuing Calibration Blank Summary

Client: Portal Partners Tri-Venture

SDG No.: Q1488

Project: Amtrak Sawtooth Bridges 2025

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

Preparation Blank Summary

Client: Portal Partners Tri-Venture

SDG No.: Q1488

Project: Amtrak Sawtooth Bridges 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB134896BL							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.003	0.01	03/04/2025
Sample ID: PB166991BL							
Reactive Cyanide	mg/Kg	< 0.1250	0.1250	U	0.044	0.25	03/05/2025
Sample ID: PB166998BL							
Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.186	10	03/06/2025
Sample ID: PB167023BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.079	0.4	03/07/2025

Matrix Spike Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q1488
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q1488-14
Client ID:	ENV-104-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	0.98		0.0030	U	1.0	2	98		03/04/2025

Matrix Spike Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q1488
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q1488-14
Client ID:	ENV-104-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	0.98		0.0030	U	1.0	2	98		03/04/2025

Matrix Spike Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q1488
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.:	Q1488
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.:	Q1488
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

Duplicate Sample Summary

Client: Portal Partners Tri-Venture Project: Amtrak Sawtooth Bridges 2025 Client ID: WC-K1311DUP	SDG No.: Q1488 Sample ID: Q1481-01 Percent Solids for Spike Sample: 90.2
---	---

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		03/06/2025

Duplicate Sample Summary

Client: Portal Partners Tri-Venture Project: Amtrak Sawtooth Bridges 2025 Client ID: WC-K1311DUP	SDG No.: Q1488 Sample ID: Q1481-02 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	0.042	U	0.043	U	1	0		03/05/2025
Reactive Sulfide	mg/Kg	+/-20	3.19	J	3.19	J	1	0		03/06/2025

Duplicate Sample Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q1488
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q1488-02
Client ID:	ENV-101-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
Corrosivity	pH	+/-20	6.27		6.28		1	0.16		03/05/2025

Duplicate Sample Summary

Client:	Portal Partners Tri-Venture	SDG No.:	Q1488
Project:	Amtrak Sawtooth Bridges 2025	Sample ID:	Q1488-14
Client ID:	ENV-104-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		03/04/2025

Duplicate Sample Summary

Client: Portal Partners Tri-Venture	SDG No.: Q1488
Project: Amtrak Sawtooth Bridges 2025	Sample ID: Q1488-14
Client ID: ENV-104-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	0.98		0.98		2	0.41		03/04/2025

Duplicate Sample Summary

Client: Portal Partners Tri-Venture	SDG No.: Q1488
Project: Amtrak Sawtooth Bridges 2025	Sample ID: Q1514-05
Client ID: ENV-103-SB01DUP	Percent Solids for Spike Sample: 89.1

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

Laboratory Control Sample Summary

Client: Portal Partners Tri-Venture

SDG No.: Q1488

Project: Amtrak Sawtooth Bridges 2025

Run No.: LB134896

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB134896BS							
Hexavalent Chromium	mg/L	0.5	0.50		101	1	90-111	03/04/2025

Laboratory Control Sample Summary

Client: Portal Partners Tri-Venture

SDG No.: Q1488

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



RAW DATA

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134896

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP112169
Calibration Std. hexchrome 0.05 ppm	WP112168
calibration std. hexchrome 0.01 ppm	WP112166
calibration std. hexchrome 0 ppm	WP112165
hexavalent chromium color reagent	WP112061
5N sulfuric acid	WP110380
Calibration Std Hexachrome 0.025 ppm	WP112167
Hexavalent Chromium ICV-LCS Std	WP112172
Calibration and CCV std HexChrome 0.5PPM	WP112170
Calibration std HexChrome 1.0PPM	WP112171

Intercept: 0.0002

Slope: 0.7826

Regression: 0.999998

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		1.90	0.000	0.000	0.000	-0.00		03/04/2025	16:45
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	0.009	-10	03/04/2025	16:46
3	CAL3	0.025	1	100	100		1.93	0.000	0.019	0.019	0.024	-4	03/04/2025	16:47
4	CAL4	0.05	1	100	100		1.99	0.000	0.040	0.040	0.050	0	03/04/2025	16:48
5	CAL5	0.1	1	100	100		2.01	0.000	0.079	0.079	0.100	0	03/04/2025	16:49
6	CAL6	0.5	1	100	100		2.06	0.000	0.391	0.391	0.499	-0.2	03/04/2025	16:50
7	CAL7	1	1	100	100		1.97	0.000	0.783	0.783	1.000	0	03/04/2025	16:51

Analytical Summary Report

Analysis Method: 7196A

ANALYST:rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY:Iwona

Run Number: LB134896

pH Meter ID:WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.06	0.000	0.391	0.391	0.499	03/04/2025	16:52
2	ICB		1	100	100		1.92	0.000	0.001	0.001	0.001	03/04/2025	16:53
3	CCV1	0.5	1	100	100		1.95	0.000	0.394	0.394	0.503	03/04/2025	16:54
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	0.000	03/04/2025	16:55
5	RL Check	0.01	1	100	100		1.97	0.000	0.009	0.009	0.011	03/04/2025	16:56
6	LB134896BL		1	100	100		1.82	0.000	0.001	0.001	0.001	03/04/2025	16:57
7	LB134896BS	0.5	1	100	100		1.90	0.000	0.394	0.394	0.503	03/04/2025	16:58
8	Q1488-13		1	100	100		2.10	0.000	0.000	0.000	0.000	03/04/2025	16:59
9	Q1488-14		1	100	100		2.15	0.000	0.000	0.000	0.000	03/04/2025	17:00
10	Q1488-14DU		1	100	100		2.12	0.000	0.000	0.000	0.000	03/04/2025	17:01
11	Q1488-14MS	1	2	100	100		2.17	0.000	0.382	0.382	0.488	03/04/2025	17:02
12	Q1488-14MS	1	2	100	100		2.13	0.000	0.384	0.384	0.490	03/04/2025	17:03
13	CCV2	0.5	1	100	100		1.88	0.000	0.392	0.392	0.501	03/04/2025	17:04
14	CCB2		1	100	100		1.81	0.000	0.001	0.001	0.001	03/04/2025	17:05

Analytical Summary Report

Analysis Method: 9045D

Analyst By : jignesh

Parameter: Corrosivity

Supervisor Review By : Iwona

Run Number: LB134907

Slope : 98.6

BalanceID: WC SC-7

pH Meter ID : WC PH METER-1

Calibration Standards	Chemtech Log#
PH 4 BUFFER SOLUTION	W3107
BUFFER PH 7.00 GREEN 1PINT PK6	W3093
PH 10.01 BUFFER, COLOR CD 475ML	W3094
buffer solution pH 7 yellow	W3071
Buffer Solution, PH2 (500ml)	W3161
Buffer Solution, PH12 (500ml)	W3072

True Value of ICV = 7.00 Control Limits[+/- 0.1].

True Value of CCV1 = 2.00 Control Limits[+/- 0.1].

True Value of CCV2 = 12.00 Control Limits[+/- 0.1].

True Value of CCV3 = 2.00 Control Limits[+/- 0.1].

Seq	LabID	DF	Matrix	Weight (gm)	Volume (ml)	Temperature (°C)	Result (pH)	Anal Date	Anal Time
1	CAL1	1	Water	NA	NA	20.2	4.01	03/05/2025	16:00
2	CAL2	1	Water	NA	NA	20.2	7.00	03/05/2025	16:01
3	CAL3	1	Water	NA	NA	20.2	10.02	03/05/2025	16:05
4	ICV	1	Water	NA	NA	20.3	7.02	03/05/2025	16:10
5	CCV1	1	Water	NA	NA	20.2	2.01	03/05/2025	16:15
6	Q1488-02	1	Solid	20.02	20	23.7	6.27	03/05/2025	16:20
7	Q1488-02DUP	1	Solid	20.03	20	23.8	6.28	03/05/2025	16:21
8	Q1488-04	1	Solid	20.02	20	22.6	6.50	03/05/2025	16:25
9	Q1488-06	1	Solid	20.03	20	22.4	6.23	03/05/2025	16:30
10	Q1488-08	1	Solid	20.01	20	22.3	7.15	03/05/2025	16:33
11	Q1488-10	1	Solid	20.02	20	21.4	6.50	03/05/2025	16:35
12	Q1488-12	1	Solid	20.03	20	21.4	7.06	03/05/2025	16:40
13	Q1490-02	1	Solid	20.04	20	21.2	7.05	03/05/2025	16:47
14	Q1494-04	1	Solid	20.03	20	23.8	8.55	03/05/2025	16:50
15	Q1494-06	1	Solid	20.02	20	23.8	9.07	03/05/2025	17:00
16	CCV2	1	Water	NA	NA	20.2	12.02	03/05/2025	17:10
17	Q1494-08	1	Solid	20.02	20	23.9	8.58	03/06/2025	17:15
18	CCV3	1	Water	NA	NA	20.3	2.01	03/05/2025	17:20

WORKLIST(Hardcopy Internal Chain)

B134907

WorkList Name : corrosivity p1490 WorkList ID : 188042 Department : Wet-Chemistry Date : 03-05-2025 12:46:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1488-02	ENV-101-SB01	Solid	Corrosivity	Cool 4 deg C	PORT06	H31	03/04/2025	9045D
Q1488-04	ENV-101-SB02	Solid	Corrosivity	Cool 4 deg C	PORT06	H31	03/04/2025	9045D
Q1488-06	ENV-102-SB01	Solid	Corrosivity	Cool 4 deg C	PORT06	H31	03/04/2025	9045D
Q1488-08	ENV-102-SB02	Solid	Corrosivity	Cool 4 deg C	PORT06	H31	03/04/2025	9045D
Q1488-10	ENV-104-SB01	Solid	Corrosivity	Cool 4 deg C	PORT06	H31	03/04/2025	9045D
Q1488-12	ENV-104-SB02	Solid	Corrosivity	Cool 4 deg C	PORT06	H31	03/04/2025	9045D
Q1490-02	CLAY-SLUDGE-DRUMS	Solid	Corrosivity	Cool 4 deg C	PSEG03	I21	03/05/2025	9045D
Q1494-04	ASPHALT-SOIL	Solid	Corrosivity	Cool 4 deg C	PSEG03	I31	03/05/2025	9045D
Q1494-06	SOIL	Solid	Corrosivity	Cool 4 deg C	PSEG03	I31	03/05/2025	9045D
Q1494-08	SOIL-COMP	Solid	Corrosivity	Cool 4 deg C	PSEG03	I31	03/05/2025	9045D

Date/Time 03/05/25 15:40
 Raw Sample Received by: JP CWCY
 Raw Sample Relinquished by: JP CWCY

Date/Time 03/05/25 18:00
 Raw Sample Received by: JP CWCY
 Raw Sample Relinquished by: JP CWCY

Test results

Aquakem 7.2AQ1

Page:

CHEMTECH CONSULTING GROUP INC
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : NF

Instrument ID : Konelab

3/5/2025 16:41

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	94.807	0.0	0.073	
ICB1	0.065	0.0	0.002	
CCV1	248.759	0.0	0.190	
CCB1	0.110	0.0	0.002	
PB166991BL	0.117	0.0	0.002	
Q1481-02	-0.272	0.0	0.002	
Q1481-02DUP	-0.041	0.0	0.002	
Q1484-06	0.079	0.0	0.002	
Q1488-02	-0.171	0.0	0.002	
Q1488-04	-0.138	0.0	0.002	
Q1488-06	0.063	0.0	0.002	
Q1488-08	-0.168	0.0	0.002	
Q1488-10	0.380	0.0	0.002	
Q1488-12	0.181	0.0	0.002	
CCV2	245.077	0.0	0.187	
CCB2	-0.521	0.0	0.002	
PB166993BL	-0.328	0.0	0.002	
Q1480-33	-0.197	0.0	0.002	
Q1480-33DUP	-0.256	0.0	0.002	
CCV3	254.244	0.0	0.194	
CCB3	0.180	0.0	0.002	
N	21			
Mean	40.094			
SD	89.9487			
CV%	224.35			

Aquakem v. 7.2AQ1

Results from time period:

Wed Mar 05 13:12:50 2025

Wed Mar 05 16:29:12 2025

Sample Id	Sam/Ctr/c/	Test short r	Test type	Result	Result unit	Result date and time Stat
0.0PPBCN	A	Total CN	P	-0.1848	µg/l	3/5/2025 13:12:50
5.0PPBCN	A	Total CN	P	4.1079	µg/l	3/5/2025 13:12:51
10PPBCN	A	Total CN	P	10.1411	µg/l	3/5/2025 13:12:52
50PPBCN	A	Total CN	P	47.9462	µg/l	3/5/2025 13:12:53
100PPBCN	A	Total CN	P	97.7773	µg/l	3/5/2025 13:12:54
250PPBCN	A	Total CN	P	259.1125	µg/l	3/5/2025 13:12:55
500PPBCN	A	Total CN	P	496.0997	µg/l	3/5/2025 13:12:56
ICV1	S	Total CN	P	94.8067	µg/l	3/5/2025 16:15:20
ICB1	S	Total CN	P	0.0652	µg/l	3/5/2025 16:15:21
CCV1	S	Total CN	P	248.7591	µg/l	3/5/2025 16:15:24
CCB1	S	Total CN	P	0.1104	µg/l	3/5/2025 16:15:25
PB166991BL	S	Total CN	P	0.1172	µg/l	3/5/2025 16:15:28
Q1481-02	S	Total CN	P	-0.2719	µg/l	3/5/2025 16:15:29
Q1481-02DUP	S	Total CN	P	-0.0407	µg/l	3/5/2025 16:22:54
Q1484-06	S	Total CN	P	0.0792	µg/l	3/5/2025 16:22:55
Q1488-02	S	Total CN	P	-0.171	µg/l	3/5/2025 16:22:56
Q1488-04	S	Total CN	P	-0.1377	µg/l	3/5/2025 16:22:57
Q1488-06	S	Total CN	P	0.0628	µg/l	3/5/2025 16:22:58
Q1488-08	S	Total CN	P	-0.1682	µg/l	3/5/2025 16:22:59
Q1488-10	S	Total CN	P	0.38	µg/l	3/5/2025 16:23:00
Q1488-12	S	Total CN	P	0.1808	µg/l	3/5/2025 16:23:01
CCV2	S	Total CN	P	245.0772	µg/l	3/5/2025 16:23:04
CCB2	S	Total CN	P	-0.5215	µg/l	3/5/2025 16:29:05
PB166993BL	S	Total CN	P	-0.3283	µg/l	3/5/2025 16:29:06
Q1480-33	S	Total CN	P	-0.1966	µg/l	3/5/2025 16:29:07
Q1480-33DUP	S	Total CN	P	-0.2556	µg/l	3/5/2025 16:29:08
CCV3	S	Total CN	P	254.244	µg/l	3/5/2025 16:29:11
CCB3	S	Total CN	P	0.1799	µg/l	3/5/2025 16:29:12

Calibration results

Aquakem 7.2AQ1

Page: 1

CHEMTECH CONSULTING GROUP INC
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : NF

Instrument ID : Konelab

3/5/2025 13:13

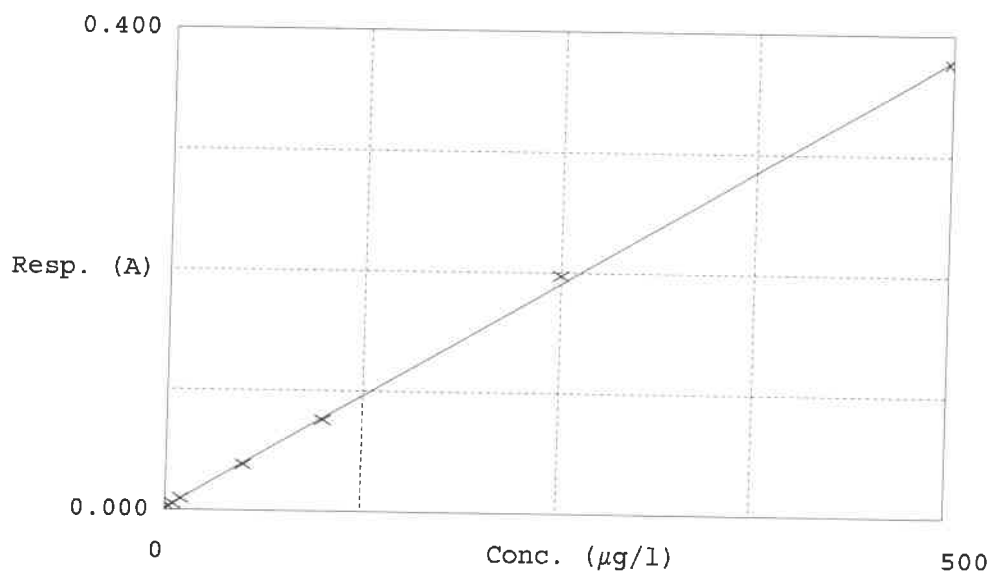
Test Total CN

Accepted 3/5/2025 13:13

Factor 1325
Bias 0.002

Coeff. of det. 0.999474

Errors



	Calibrator	Response	Calc. con.	Conc.	Re Errors
1	0.0PPBCN	0.002	-0.1848	0.0000	
2	5.0PPBCN	0.005	4.1079	5.0000	-17.8
3	10PPBCN	0.010	10.1411	10.0000	1.4
4	50PPBCN	0.038	47.9462	50.0000	-4.1
5	100PPBCN	0.076	97.7773	100.0000	-2.2
6	250PPBCN	0.197	259.1125	250.0000	3.6
7	500PPBCN	0.376	496.0997	500.0000	-0.8

NF

03.06.2025

Analytical Summary Report

Analysis Method: 1030
Parameter: Ignitability
Run Number: LB134927

Reviewed By: Iwona

Supervisor Review By: jignesh

Seq	LabID	ClientID	DF	matrix	Result Status	Burning Rate	Anal Date	Anal Time
1	Q1481-01	WC-K1311	1	Solid	NO	0.00	03/06/2025	10:30
2	Q1481-01DUP	WC-K1311DUP	1	Solid	NO	0.00	03/06/2025	10:38
3	Q1481-02	WC-K1311	1	Solid	NO	0.00	03/06/2025	10:45
4	Q1484-01	TR-OTR-COMP-01	1	Solid	NO	0.00	03/06/2025	10:52
5	Q1484-06	TR-OTR-COMP-01	1	Solid	NO	0.00	03/06/2025	11:00
6	Q1488-02	ENV-101-SB01	1	Solid	NO	0.00	03/06/2025	11:08
7	Q1488-04	ENV-101-SB02	1	Solid	NO	0.00	03/06/2025	11:15
8	Q1488-06	ENV-102-SB01	1	Solid	NO	0.00	03/06/2025	11:22
9	Q1488-08	ENV-102-SB02	1	Solid	NO	0.00	03/06/2025	11:30
10	Q1488-10	ENV-104-SB01	1	Solid	NO	0.00	03/06/2025	11:38
11	Q1488-12	ENV-104-SB02	1	Solid	NO	0.00	03/06/2025	11:45
12	Q1490-01	CLAY-SLUDGE-DRUMS	1	Solid	NO	0.00	03/06/2025	11:52
13	Q1490-02	CLAY-SLUDGE-DRUMS	1	Solid	NO	0.00	03/06/2025	12:00
14	Q1494-03	ASPHALT-SOIL	1	Solid	NO	0.00	03/06/2025	12:07
15	Q1494-04	ASPHALT-SOIL	1	Solid	NO	0.00	03/06/2025	12:15
16	Q1494-05	SOIL	1	Solid	NO	0.00	03/06/2025	12:23
17	Q1494-06	SOIL	1	Solid	NO	0.00	03/06/2025	12:30
18	Q1494-07	SOIL-COMP	1	Solid	NO	0.00	03/06/2025	12:37
19	Q1494-08	SOIL-COMP	1	Solid	NO	0.00	03/06/2025	12:45

$$\text{Burning Rate} = \frac{\text{Length (mm)}}{\text{Total Time (sec)}}$$

WORKLIST(Hardcopy Internal Chain)

LB134927

WorkList Name : ign-3-06 WorkList ID : 188057 Department : Wet-Chemistry Date : 03-06-2025 08:09:19

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1481-01	WC-K1311	Solid	Ignitability	Cool 4 deg C	PSEG03	H31	03/04/2025	1030
Q1481-02	WC-K1311	Solid	Ignitability	Cool 4 deg C	PSEG03	H31	03/04/2025	1030
Q1484-01	TR-OTR-COMP-01	Solid	Ignitability	Cool 4 deg C	PSEG03	H31	03/04/2025	1030
Q1484-06	TR-OTR-COMP-01	Solid	Ignitability	Cool 4 deg C	PSEG03	H31	03/04/2025	1030
Q1488-02	ENV-101-SB01	Solid	Ignitability	Cool 4 deg C	PORT06	H31	03/04/2025	1030
Q1488-04	ENV-101-SB02	Solid	Ignitability	Cool 4 deg C	PORT06	H31	03/04/2025	1030
Q1488-06	ENV-102-SB01	Solid	Ignitability	Cool 4 deg C	PORT06	H31	03/04/2025	1030
Q1488-08	ENV-102-SB02	Solid	Ignitability	Cool 4 deg C	PORT06	H31	03/04/2025	1030
Q1488-10	ENV-104-SB01	Solid	Ignitability	Cool 4 deg C	PORT06	H31	03/04/2025	1030
Q1488-12	ENV-104-SB02	Solid	Ignitability	Cool 4 deg C	PORT06	H31	03/04/2025	1030
Q1490-01	CLAY-SLUDGE-DRUMS	Solid	Ignitability	Cool 4 deg C	PSEG03	I21	03/05/2025	1030
Q1490-02	CLAY-SLUDGE-DRUMS	Solid	Ignitability	Cool 4 deg C	PSEG03	I21	03/05/2025	1030
Q1494-03	ASPHALT-SOIL	Solid	Ignitability	Cool 4 deg C	PSEG03	I31	03/05/2025	1030
Q1494-04	ASPHALT-SOIL	Solid	Ignitability	Cool 4 deg C	PSEG03	I31	03/05/2025	1030
Q1494-05	SOIL	Solid	Ignitability	Cool 4 deg C	PSEG03	I31	03/05/2025	1030
Q1494-06	SOIL	Solid	Ignitability	Cool 4 deg C	PSEG03	I31	03/05/2025	1030
Q1494-07	SOIL-COMP	Solid	Ignitability	Cool 4 deg C	PSEG03	I31	03/05/2025	1030
Q1494-08	SOIL-COMP	Solid	Ignitability	Cool 4 deg C	PSEG03	I31	03/05/2025	1030

Date/Time 03/06/25 10:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 03/06/25 13:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134929

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W3105
IODINE SOLUTION .025N 1L	W3114
Starch Solution, 4L	W3149

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB166998BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	03/06/2025	13:20
2	Q1481-02		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	03/06/2025	13:23
3	Q1481-02DUP		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	03/06/2025	13:25
4	Q1484-06		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.08	6.36	03/06/2025	13:28
5	Q1488-02		1	5.08	50	2.00	0.00	1.86	1.86	0.14	0.08	6.30	03/06/2025	13:30
6	Q1488-04		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	03/06/2025	13:33
7	Q1488-06		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	03/06/2025	13:35
8	Q1488-08		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	03/06/2025	13:38
9	Q1488-10		1	5.06	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	03/06/2025	13:41
10	Q1488-12		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.06	4.77	03/06/2025	13:44
11	Q1490-02		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	03/06/2025	13:47
12	Q1494-04		1	5.08	50	2.00	0.00	1.90	1.90	0.10	0.04	3.15	03/06/2025	13:50

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB134929

ANALYST: rubina

SUPERVISOR REVIEW BY: Iwona

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W3105
IODINE SOLUTION .025N 1L	W3114
Starch Solution, 4L	W3149

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
13	Q1494-06		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	03/06/2025	13:53
14	Q1494-08		1	5.06	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	03/06/2025	13:56

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134940

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP112185
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0008

Slope: 0.7663

Regression: 0.999995

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.25	1.88	0.000	0.000	0.000	-0.00		03/07/2025	12:00
2	CAL2	0.01	1	100	100	7.36	1.90	0.000	0.007	0.007	0.008	-20	03/07/2025	12:01
3	CAL3	0.025	1	100	100	7.32	1.96	0.000	0.021	0.021	0.026	4	03/07/2025	12:02
4	CAL4	0.05	1	100	100	7.45	1.95	0.000	0.040	0.040	0.051	2	03/07/2025	12:03
5	CAL5	0.1	1	100	100	7.42	1.92	0.000	0.078	0.078	0.100	0	03/07/2025	12:04
6	CAL6	0.5	1	100	100	7.39	1.97	0.000	0.384	0.384	0.500	0	03/07/2025	12:05
7	CAL7	1	1	100	100	7.33	2.02	0.000	0.767	0.767	0.999	-0.1	03/07/2025	12:06

Analytical Summary Report

Analysis Method: 7196A

ANALYST:rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY:Iwona

Run Number: LB134940

pH Meter ID:WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100	7.39	1.93	0.000	0.386	0.386	0.503	03/07/2025	12:07
2	ICB		1	100	100	7.30	1.79	0.000	0.000	0.000	-0.001	03/07/2025	12:08
3	CCV1	0.5	1	100	100	7.42	1.97	0.000	0.383	0.383	0.499	03/07/2025	12:09
4	CCB1		1	100	100	7.27	2.00	0.000	0.001	0.001	0.000	03/07/2025	12:10
5	RL Check	0.01	1	100	100	7.45	2.06	0.000	0.009	0.009	0.011	03/07/2025	12:11
6	PB167023BL		1	2.50	100	7.34	1.85	0.000	0.001	0.001	0.000	03/07/2025	12:12
7	PB167023BS	20	1	2.50	100	7.46	2.01	0.000	0.386	0.386	0.503	03/07/2025	12:13
8	Q1481-01		1	2.55	100	7.47	2.10	0.015	0.016	0.001	0.000	03/07/2025	12:14
9	Q1484-01		1	2.51	100	7.36	2.03	0.005	0.005	0.000	-0.001	03/07/2025	12:15
10	Q1488-01		1	2.52	100	7.60	2.06	0.004	0.004	0.000	-0.001	03/07/2025	12:16
11	Q1488-03		1	2.54	100	7.52	2.17	0.006	0.007	0.001	0.000	03/07/2025	12:17
12	Q1488-05		1	2.54	100	7.57	2.10	0.020	0.020	0.000	-0.001	03/07/2025	12:18
13	Q1488-07		1	2.57	100	7.48	2.05	0.030	0.030	0.000	-0.001	03/07/2025	12:19
14	Q1488-09		1	2.54	100	7.36	2.19	0.034	0.035	0.001	0.000	03/07/2025	12:20
15	Q1488-11		1	2.52	100	7.67	2.15	0.029	0.029	0.000	-0.001	03/07/2025	12:21
16	CCV2	0.5	1	100	100	7.49	2.01	0.000	0.383	0.383	0.499	03/07/2025	12:22
17	CCB2		1	100	100	7.37	1.80	0.000	0.000	0.000	-0.001	03/07/2025	12:23
18	Q1490-01		1	2.52	100	7.65	2.18	0.020	0.020	0.000	-0.001	03/07/2025	12:24
19	Q1494-03		1	2.54	100	7.59	2.20	0.005	0.005	0.000	-0.001	03/07/2025	12:25
20	Q1494-05		1	2.51	100	7.55	2.14	0.003	0.004	0.001	0.000	03/07/2025	12:26
21	Q1494-07		1	2.56	100	7.61	2.06	0.002	0.002	0.000	-0.001	03/07/2025	12:27
22	Q1507-01		1	2.56	100	7.60	2.10	0.031	0.032	0.001	0.000	03/07/2025	12:28
23	Q1508-01		1	2.57	100	7.56	2.10	0.032	0.032	0.000	-0.001	03/07/2025	12:29
24	Q1514-01		1	2.52	100	7.52	2.20	0.007	0.008	0.001	0.000	03/07/2025	12:30
25	Q1514-03		1	2.53	100	7.55	2.10	0.005	0.006	0.001	0.000	03/07/2025	12:31
26	Q1514-05		1	2.56	100	7.48	2.10	0.003	0.003	0.000	-0.001	03/07/2025	12:32
27	Q1514-05DU		1	2.56	100	7.52	2.15	0.003	0.003	0.000	-0.001	03/07/2025	12:33
28	CCV3	0.5	1	100	100	7.40	1.90	0.000	0.385	0.385	0.501	03/07/2025	12:34
29	CCB3		1	100	100	7.31	1.89	0.000	0.001	0.001	0.000	03/07/2025	12:35
30	Q1514-05MS	40	2	2.55	100	7.55	2.06	0.000	0.333	0.333	0.434	03/07/2025	12:36
31	Q1514-05MS	1284	40	2.56	100	7.52	2.16	0.000	0.602	0.602	0.785	03/07/2025	12:37
32	Q1514-05MS	40	2	2.55	100	7.57	2.06	0.000	0.371	0.371	0.483	03/07/2025	12:38
33	CCV4	0.5	1	100	100	7.44	1.92	0.000	0.383	0.383	0.499	03/07/2025	12:39
34	CCB4		1	100	100	7.29	1.75	0.000	0.000	0.000	-0.001	03/07/2025	12:40

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

SDG No : N/A

Start Digest Date: 03/05/2025 Time : 11:00 Temp : N/A

Matrix : SOIL

End Digest Date: 03/05/2025 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

Welgh 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
03-05-2025, 12:40	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
PB166991BL	PBS991	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1481-02DUP	WC-K1311DUP	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1481-02	WC-K1311	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1484-06	TR-OTR-COMP-01	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1488-02	ENV-101-SB01	1.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1488-04	ENV-101-SB02	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1488-06	ENV-102-SB01	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1488-08	ENV-102-SB02	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1488-10	ENV-104-SB01	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1488-12	ENV-104-SB02	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : RCN S-03052025

WorkList ID : 188083

Department : Distillation

Date : 03-05-2025 09:33:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1481-02	WC-K1311	Solid	Reactive Cyanide	Cool 4 deg C	PSEG03	H31	03/04/2025	9012B
Q1484-06	TR-OTR-COMP-01	Solid	Reactive Cyanide	Cool 4 deg C	PSEG03	H31	03/04/2025	9012B
Q1488-02	ENV-101-SB01	Solid	Reactive Cyanide	Cool 4 deg C	PORT06	H31	03/04/2025	9012B
Q1488-04	ENV-101-SB02	Solid	Reactive Cyanide	Cool 4 deg C	PORT06	H31	03/04/2025	9012B
Q1488-06	ENV-102-SB01	Solid	Reactive Cyanide	Cool 4 deg C	PORT06	H31	03/04/2025	9012B
Q1488-08	ENV-102-SB02	Solid	Reactive Cyanide	Cool 4 deg C	PORT06	H31	03/04/2025	9012B
Q1488-10	ENV-104-SB01	Solid	Reactive Cyanide	Cool 4 deg C	PORT06	H31	03/04/2025	9012B
Q1488-12	ENV-104-SB02	Solid	Reactive Cyanide	Cool 4 deg C	PORT06	H31	03/04/2025	9012B

Date/Time 03.05.2025, 10:30

Raw Sample Received by: NFWCJ

Raw Sample Relinquished by: MWD

Date/Time 03.05.2025, 13:00

Raw Sample Received by: JF Coell

Raw Sample Relinquished by: NF (WC)

SOP ID : M9030B-Sulfide-12

SDG No : N/A

Matrix : SOIL

Pipette ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#1

Block ID : MC-1,MC-2

Weigh By : RM

Start Digest Date: 03/05/2025 Time : 15:50 Temp : N/A

End Digest Date: 03/05/2025 Time : 17:20 Temp : N/A

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

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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

03/05/2025 RM

N/A

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
PB166998BL	PBS998	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1481-02DUP	WC-K1311DUP	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1481-02	WC-K1311	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1484-06	TR-OTR-COMP-01	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1488-02	ENV-101-SB01	5.08	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1488-04	ENV-101-SB02	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1488-06	ENV-102-SB01	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1488-08	ENV-102-SB02	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1488-10	ENV-104-SB01	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1488-12	ENV-104-SB02	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1490-02	CLAY-SLUDGE-DRUMS	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1494-04	ASPHALT-SOIL	5.08	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1494-06	SOIL	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q1494-08	SOIL-COMP	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : rsul-3-5

WorkList ID : 188054

Department : Distillation

Date : 03-05-2025 08:08:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1481-02 <i>E</i>	WC-K1311	Solid	Reactive Sulfide	Cool 4 deg C	PSEG03	H31	03/04/2025	9034
Q1484-06 <i>E</i>	TR-OTR-COMP-01	Solid	Reactive Sulfide	Cool 4 deg C	PSEG03	H31	03/04/2025	9034
Q1488-02 <i>E</i>	ENV-101-SB01	Solid	Reactive Sulfide	Cool 4 deg C	PORT06	H31	03/04/2025	9034
Q1488-04 <i>F</i>	ENV-101-SB02	Solid	Reactive Sulfide	Cool 4 deg C	PORT06	H31	03/04/2025	9034
Q1488-06 <i>H</i>	ENV-102-SB01	Solid	Reactive Sulfide	Cool 4 deg C	PORT06	H31	03/04/2025	9034
Q1488-08 <i>E</i>	ENV-102-SB02	Solid	Reactive Sulfide	Cool 4 deg C	PORT06	H31	03/04/2025	9034
Q1488-10 <i>F</i>	ENV-104-SB01	Solid	Reactive Sulfide	Cool 4 deg C	PORT06	H31	03/04/2025	9034
Q1488-12 <i>E</i>	ENV-104-SB02	Solid	Reactive Sulfide	Cool 4 deg C	PORT06	H31	03/04/2025	9034
Q1490-02 <i>E</i>	CLAY-SLUDGE-DRUMS	Solid	Reactive Sulfide	Cool 4 deg C	PSEG03	I21	03/05/2025	9034
Q1494-04 <i>B</i>	ASPHALT-SOIL	Solid	Reactive Sulfide	Cool 4 deg C	PSEG03	I31	03/05/2025	9034
Q1494-06 <i>B</i>	SOIL	Solid	Reactive Sulfide	Cool 4 deg C	PSEG03	I31	03/05/2025	9034
Q1494-08 <i>A</i>	SOIL-COMP	Solid	Reactive Sulfide	Cool 4 deg C	PSEG03	I31	03/05/2025	9034

Date/Time 03/05/2025 15:15
 Raw Sample Received by: RM cwc
 Raw Sample Relinquished by: RM cwc

Date/Time 03/05/2025 16:00
 Raw Sample Received by: RM cwc
 Raw Sample Relinquished by: RM cwc

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

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

*FL 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: *RM*

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 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
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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX SOIL-37

WorkList ID : 188119

Department : Distillation

Date : 03-07-2025 08:03:49

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1481-01	WC-K1311	Solid	Hexavalent Chromium	Cool 4 deg C	PSEG03	H31	03/04/2025	7196A
Q1484-01	TR-OTR-COMP-01	Solid	Hexavalent Chromium	Cool 4 deg C	PSEG03	H31	03/04/2025	7196A
Q1488-01	ENV-101-SB01	Solid	Hexavalent Chromium	Cool 4 deg C	PORT06	H31	03/04/2025	7196A
Q1488-03	ENV-101-SB02	Solid	Hexavalent Chromium	Cool 4 deg C	PORT06	H31	03/04/2025	7196A
Q1488-05	ENV-102-SB01	Solid	Hexavalent Chromium	Cool 4 deg C	PORT06	H31	03/04/2025	7196A
Q1488-07	ENV-102-SB02	Solid	Hexavalent Chromium	Cool 4 deg C	PORT06	H31	03/04/2025	7196A
Q1488-09	ENV-104-SB01	Solid	Hexavalent Chromium	Cool 4 deg C	PORT06	H31	03/04/2025	7196A
Q1488-11	ENV-104-SB02	Solid	Hexavalent Chromium	Cool 4 deg C	PORT06	H31	03/04/2025	7196A
Q1490-01	CLAY-SLUDGE-DRUMS	Solid	Hexavalent Chromium	Cool 4 deg C	PSEG03	I21	03/05/2025	7196A
Q1494-03	ASPHALT-SOIL	Solid	Hexavalent Chromium	Cool 4 deg C	PSEG03	I31	03/05/2025	7196A
Q1494-05	SOIL	Solid	Hexavalent Chromium	Cool 4 deg C	PSEG03	I31	03/05/2025	7196A
Q1494-07	SOIL-COMP	Solid	Hexavalent Chromium	Cool 4 deg C	PSEG03	I31	03/05/2025	7196A
Q1507-01	50-MIDDLESEX-AVE	Solid	Hexavalent Chromium	Cool 4 deg C	PSEG03	I21	03/06/2025	7196A
Q1508-01	RBR251372	Solid	Hexavalent Chromium	Cool 4 deg C	PSEG03	I21	03/06/2025	7196A
Q1514-01	ENV-105-SB01	Solid	Hexavalent Chromium	Cool 4 deg C	PORT06	I31	03/05/2025	7196A
Q1514-03	ENV-105-SB02	Solid	Hexavalent Chromium	Cool 4 deg C	PORT06	I31	03/05/2025	7196A
Q1514-05	ENV-103-SB01	Solid	Hexavalent Chromium	Cool 4 deg C	PORT06	I31	03/05/2025	7196A

Date/Time 03/07/2025 08:10
 Raw Sample Received by: RM (wcy)
 Raw Sample Relinquished by: RM (wcy)

Date/Time 03/07/2025 10:30
 Raw Sample Received by: JH (wcy)
 Raw Sample Relinquished by: RM (wcy)

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134896

Review By	rubina	Review On	3/5/2025 8:56:08 AM
Supervise By	Iwona	Supervise On	3/5/2025 12:56:01 PM
SubDirectory	LB134896	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	WP112169,WP112168,WP112166,WP112165,WP112061,WP110380,WP112167,WP112172,WP112170,WP112171		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	03/04/25 16:45		rubina	OK
2	CAL2	CAL2	CAL	03/04/25 16:46		rubina	OK
3	CAL3	CAL3	CAL	03/04/25 16:47		rubina	OK
4	CAL4	CAL4	CAL	03/04/25 16:48		rubina	OK
5	CAL5	CAL5	CAL	03/04/25 16:49		rubina	OK
6	CAL6	CAL6	CAL	03/04/25 16:50		rubina	OK
7	CAL7	CAL7	CAL	03/04/25 16:51		rubina	OK
8	ICV	ICV	ICV	03/04/25 16:52		rubina	OK
9	ICB	ICB	ICB	03/04/25 16:53		rubina	OK
10	CCV1	CCV1	CCV	03/04/25 16:54		rubina	OK
11	CCB1	CCB1	CCB	03/04/25 16:55		rubina	OK
12	RL Check	RL Check	SAM	03/04/25 16:56		rubina	OK
13	LB134896BL	LB134896BL	MB	03/04/25 16:57		rubina	OK
14	LB134896BS	LB134896BS	LCS	03/04/25 16:58		rubina	OK
15	Q1488-13	ENV-102-GW01	SAM	03/04/25 16:59		rubina	OK
16	Q1488-14	ENV-104-GW01	SAM	03/04/25 17:00		rubina	OK
17	Q1488-14DUP	ENV-104-GW01DUP	DUP	03/04/25 17:01		rubina	OK
18	Q1488-14MS	ENV-104-GW01MS	MS	03/04/25 17:02	1ML WP111315+99.0ML SAMPLE	rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134896

Review By	rubina	Review On	3/5/2025 8:56:08 AM
Supervise By	Iwona	Supervise On	3/5/2025 12:56:01 PM
SubDirectory	LB134896	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	WP112169,WP112168,WP112166,WP112165,WP112061,WP110380,WP112167,WP112172,WP112170,WP112171		

19	Q1488-14MSD	ENV-104-GW01MSD	MSD	03/04/25 17:03	1ML WP111315+99.0ML SAMPLE	rubina	OK
20	CCV2	CCV2	CCV	03/04/25 17:04		rubina	OK
21	CCB2	CCB2	CCB	03/04/25 17:05		rubina	OK

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134907

Review By	jignesh	Review On	3/6/2025 8:36:25 AM
Supervise By	Iwona	Supervise On	3/6/2025 11:58:21 AM
SubDirectory	LB134907	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	03/05/25 16:00		Jignesh	OK
2	CAL2	CAL2	CAL	03/05/25 16:01		Jignesh	OK
3	CAL3	CAL3	CAL	03/05/25 16:05		Jignesh	OK
4	ICV	ICV	ICV	03/05/25 16:10		Jignesh	OK
5	CCV1	CCV1	CCV	03/05/25 16:15		Jignesh	OK
6	Q1488-02	ENV-101-SB01	SAM	03/05/25 16:20		Jignesh	OK
7	Q1488-02DUP	ENV-101-SB01DUP	DUP	03/05/25 16:21		Jignesh	OK
8	Q1488-04	ENV-101-SB02	SAM	03/05/25 16:25		Jignesh	OK
9	Q1488-06	ENV-102-SB01	SAM	03/05/25 16:30		Jignesh	OK
10	Q1488-08	ENV-102-SB02	SAM	03/05/25 16:33		Jignesh	OK
11	Q1488-10	ENV-104-SB01	SAM	03/05/25 16:35		Jignesh	OK
12	Q1488-12	ENV-104-SB02	SAM	03/05/25 16:40		Jignesh	OK
13	Q1490-02	CLAY-SLUDGE-DRUM	SAM	03/05/25 16:47		Jignesh	OK
14	Q1494-04	ASPHALT-SOIL	SAM	03/05/25 16:50		Jignesh	OK
15	Q1494-06	SOIL	SAM	03/05/25 17:00		Jignesh	OK
16	CCV2	CCV2	CCV	03/05/25 17:10		Jignesh	OK
17	CCV3	CCV3	CCV	03/05/25 17:20		Jignesh	OK
18	Q1494-08	SOIL-COMP	SAM	03/06/25 17:15		Jignesh	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB134914

Review By	Niha	Review On	3/6/2025 2:35:01 PM
Supervise By	Iwona	Supervise On	3/7/2025 11:53:49 AM
SubDirectory	LB134914	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP112187,WP112188,WP112189,WP112190,WP112191,WP112192,WP112193		
ICV Standard	WP112194		
CCV Standard	WP112188		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP111035,WP110103,WP112195		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	03/05/25 13:12		Niha	OK
2	5.0PPBCN	5.0PPBCN	CAL2	03/05/25 13:12		Niha	OK
3	10PPBCN	10PPBCN	CAL3	03/05/25 13:12		Niha	OK
4	50PPBCN	50PPBCN	CAL4	03/05/25 13:12		Niha	OK
5	100PPBCN	100PPBCN	CAL5	03/05/25 13:12		Niha	OK
6	250PPBCN	250PPBCN	CAL6	03/05/25 13:12		Niha	OK
7	500PPBCN	500PPBCN	CAL7	03/05/25 13:12		Niha	OK
8	ICV1	ICV1	ICV	03/05/25 16:15		Niha	OK
9	ICB1	ICB1	ICB	03/05/25 16:15		Niha	OK
10	CCV1	CCV1	CCV	03/05/25 16:15		Niha	OK
11	CCB1	CCB1	CCB	03/05/25 16:15		Niha	OK
12	PB166991BL	PB166991BL	MB	03/05/25 16:15		Niha	OK
13	Q1481-02	WC-K1311	SAM	03/05/25 16:15		Niha	OK
14	Q1481-02DUP	WC-K1311DUP	DUP	03/05/25 16:22		Niha	OK
15	Q1484-06	TR-OTR-COMP-01	SAM	03/05/25 16:22		Niha	OK
16	Q1488-02	ENV-101-SB01	SAM	03/05/25 16:22		Niha	OK
17	Q1488-04	ENV-101-SB02	SAM	03/05/25 16:22		Niha	OK
18	Q1488-06	ENV-102-SB01	SAM	03/05/25 16:22		Niha	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB134914

Review By	Niha	Review On	3/6/2025 2:35:01 PM
Supervise By	Iwona	Supervise On	3/7/2025 11:53:49 AM
SubDirectory	LB134914	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP112187,WP112188,WP112189,WP112190,WP112191,WP112192,WP112193		
ICV Standard	WP112194		
CCV Standard	WP112188		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP111035,WP110103,WP112195		

19	Q1488-08	ENV-102-SB02	SAM	03/05/25 16:22		Niha	OK
20	Q1488-10	ENV-104-SB01	SAM	03/05/25 16:23		Niha	OK
21	Q1488-12	ENV-104-SB02	SAM	03/05/25 16:23		Niha	OK
22	CCV2	CCV2	CCV	03/05/25 16:23		Niha	OK
23	CCB2	CCB2	CCB	03/05/25 16:29		Niha	OK
24	PB166993BL	PB166993BL	MB	03/05/25 16:29		Niha	OK
25	Q1480-33	TP-3-WATER-SAMPL	SAM	03/05/25 16:29		Niha	OK
26	Q1480-33DUP	TP-3-WATER-SAMPL	DUP	03/05/25 16:29		Niha	OK
27	CCV3	CCV3	CCV	03/05/25 16:29		Niha	OK
28	CCB3	CCB3	CCB	03/05/25 16:29		Niha	OK

Instrument ID: FLAME

Daily Analysis Runlog For Sequence/QC Batch ID # LB134927

Review By	Iwona	Review On	3/6/2025 2:09:49 PM
Supervise By	jignesh	Supervise On	3/6/2025 2:18:54 PM
SubDirectory	LB134927	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	Q1481-01	WC-K1311	SAM	03/06/25 10:30		Iwona	OK
2	Q1481-01DUP	WC-K1311DUP	DUP	03/06/25 10:38		Iwona	OK
3	Q1481-02	WC-K1311	SAM	03/06/25 10:45		Iwona	OK
4	Q1484-01	TR-OTR-COMP-01	SAM	03/06/25 10:52		Iwona	OK
5	Q1484-06	TR-OTR-COMP-01	SAM	03/06/25 11:00		Iwona	OK
6	Q1488-02	ENV-101-SB01	SAM	03/06/25 11:08		Iwona	OK
7	Q1488-04	ENV-101-SB02	SAM	03/06/25 11:15		Iwona	OK
8	Q1488-06	ENV-102-SB01	SAM	03/06/25 11:22		Iwona	OK
9	Q1488-08	ENV-102-SB02	SAM	03/06/25 11:30		Iwona	OK
10	Q1488-10	ENV-104-SB01	SAM	03/06/25 11:38		Iwona	OK
11	Q1488-12	ENV-104-SB02	SAM	03/06/25 11:45		Iwona	OK
12	Q1490-01	CLAY-SLUDGE-DRUM	SAM	03/06/25 11:52		Iwona	OK
13	Q1490-02	CLAY-SLUDGE-DRUM	SAM	03/06/25 12:00		Iwona	OK
14	Q1494-03	ASPHALT-SOIL	SAM	03/06/25 12:07		Iwona	OK
15	Q1494-04	ASPHALT-SOIL	SAM	03/06/25 12:15		Iwona	OK
16	Q1494-05	SOIL	SAM	03/06/25 12:23		Iwona	OK
17	Q1494-06	SOIL	SAM	03/06/25 12:30		Iwona	OK
18	Q1494-07	SOIL-COMP	SAM	03/06/25 12:37		Iwona	OK

Instrument ID: FLAME

Daily Analysis Runlog For Sequence/QC Batch ID # LB134927

Review By	Iwona	Review On	3/6/2025 2:09:49 PM
Supervise By	jignesh	Supervise On	3/6/2025 2:18:54 PM
SubDirectory	LB134927	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	Q1494-08	SOIL-COMP	SAM	03/06/25 12:45		Iwona	OK
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Instrument ID: TITRAMETRIC

Daily Analysis Runlog For Sequence/QC Batch ID # LB134929

Review By	rubina	Review On	3/6/2025 3:53:33 PM
Supervise By	Iwona	Supervise On	3/6/2025 3:52:21 PM
SubDirectory	LB134929	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	PB166998BL	PB166998BL	MB	03/06/25 13:20		rubina	OK
2	Q1481-02	WC-K1311	SAM	03/06/25 13:23		rubina	OK
3	Q1481-02DUP	WC-K1311DUP	DUP	03/06/25 13:25		rubina	OK
4	Q1484-06	TR-OTR-COMP-01	SAM	03/06/25 13:28		rubina	OK
5	Q1488-02	ENV-101-SB01	SAM	03/06/25 13:30		rubina	OK
6	Q1488-04	ENV-101-SB02	SAM	03/06/25 13:33		rubina	OK
7	Q1488-06	ENV-102-SB01	SAM	03/06/25 13:35		rubina	OK
8	Q1488-08	ENV-102-SB02	SAM	03/06/25 13:38		rubina	OK
9	Q1488-10	ENV-104-SB01	SAM	03/06/25 13:41		rubina	OK
10	Q1488-12	ENV-104-SB02	SAM	03/06/25 13:44		rubina	OK
11	Q1490-02	CLAY-SLUDGE-DRU	SAM	03/06/25 13:47		rubina	OK
12	Q1494-04	ASPHALT-SOIL	SAM	03/06/25 13:50		rubina	OK
13	Q1494-06	SOIL	SAM	03/06/25 13:53		rubina	OK
14	Q1494-08	SOIL-COMP	SAM	03/06/25 13:56		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

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 3/5/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:40
In Date: 03/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:35
Out Date: 03/05/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB134889

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1480-01	TP-1	1	1.13	8.86	9.99	8.95	88.3	
Q1480-02	TP-1-E2	2	1.12	8.86	9.98	9.14	90.5	
Q1480-03	TP-1-E3	3	1.15	8.76	9.91	8.11	79.5	
Q1480-04	TP-1-E4	4	1.15	8.48	9.63	8.73	89.4	
Q1480-05	TP-1-E5	5	1.15	8.82	9.97	8.71	85.7	
Q1480-06	TP-1-E6	6	1.15	8.81	9.96	8.93	88.3	
Q1480-07	TP-1-E7	7	1.14	8.71	9.85	8.61	85.8	
Q1480-09	TP-2	8	1.12	8.74	9.86	8.56	85.1	
Q1480-10	TP-2-E2	9	1.14	8.82	9.96	8.53	83.8	
Q1480-11	TP-2-E3	10	1.15	8.50	9.65	8.62	87.9	
Q1480-12	TP-2-E4	11	1.14	8.76	9.9	8.8	87.4	
Q1480-13	TP-2-E5	12	1.15	8.82	9.97	8.92	88.1	
Q1480-14	TP-2-E6	13	1.16	8.82	9.98	8.95	88.3	
Q1480-15	TP-2-E7	14	1.12	8.73	9.85	8.88	88.9	
Q1480-17	TP-3	15	1.15	8.83	9.98	9.11	90.1	
Q1480-18	TP-3-E2	16	1.15	8.83	9.98	8.89	87.7	
Q1480-19	TP-3-E3	17	1.13	8.58	9.71	8.67	87.9	
Q1480-20	TP-3-E4	18	1.15	8.61	9.76	8.51	85.5	
Q1480-21	TP-3-E5	19	1.15	8.80	9.95	8.8	86.9	
Q1480-22	TP-3-E6	20	1.15	8.84	9.99	8.92	87.9	
Q1480-23	TP-3-E7	21	1.19	8.63	9.82	8.75	87.6	
Q1480-25	TP-4	22	1.14	8.83	9.97	9.07	89.8	
Q1480-26	TP-4-E2	23	1.17	8.80	9.97	9.32	92.6	
Q1480-27	TP-4-E3	24	1.13	8.76	9.89	8.95	89.3	
Q1480-28	TP-4-E4	25	1.16	8.81	9.97	9.13	90.5	
Q1480-29	TP-4-E5	26	1.12	8.67	9.79	8.97	90.5	
Q1480-30	TP-4-E6	27	1.15	8.83	9.98	9.34	92.8	
Q1480-31	TP-4-E7	28	1.11	8.62	9.73	8.88	90.1	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 3/5/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:40
In Date: 03/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:35
Out Date: 03/05/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB134889

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1481-01	WC-K1311	29	1.15	8.70	9.85	9.00	90.2	
Q1482-01	OR-03-030425	30	1.15	8.48	9.63	8.85	90.8	
Q1482-02	OR-03-030425-E2	31	1.15	8.83	9.98	9.17	90.8	
Q1484-01	TR-OTR-COMP-01	35	1.15	8.83	9.98	9.14	90.5	
Q1484-02	TR-OTR-VOC-01	36	1.15	8.81	9.96	9.22	91.6	
Q1484-03	TR-OTR-01	37	1.12	8.63	9.75	8.83	89.3	
Q1484-04	TR-OTR-02	38	1.15	8.78	9.93	8.99	89.3	
Q1484-05	TR-OTR-03	39	1.14	8.63	9.77	8.6	86.4	
Q1485-01	DN-B-41	32	1.16	8.53	9.69	8.25	83.1	
Q1486-01	DN-B-40	33	1.16	8.40	9.56	9.02	93.6	
Q1487-01	DN-B-42	34	1.13	8.84	9.97	8.92	88.1	
Q1488-01	ENV-101-SB01	40	1.13	8.45	9.58	8.61	88.5	
Q1488-03	ENV-101-SB02	41	1.15	8.82	9.97	9.14	90.6	
Q1488-05	ENV-102-SB01	42	1.16	8.82	9.98	8.72	85.7	
Q1488-07	ENV-102-SB02	43	1.13	8.55	9.68	7.98	80.1	
Q1488-09	ENV-104-SB01	44	1.12	8.50	9.62	8.14	82.6	
Q1488-11	ENV-104-SB02	45	1.14	8.85	9.99	8.32	81.1	
Q1489-01	TP-1	46	1.13	8.86	9.99	8.18	79.6	
Q1489-02	TP-1-E2	47	1.15	8.83	9.98	8.17	79.5	
Q1489-03	TP-1-E3	48	1.13	8.70	9.83	7.68	75.3	
Q1489-05	TP-2	49	1.11	8.76	9.87	6.93	66.4	
Q1489-06	TP-2-E2	50	1.16	8.63	9.79	7.38	72.1	
Q1489-07	TP-2-E3	51	1.15	8.83	9.98	7.53	72.3	
Q1489-09	TP-3	52	1.19	8.58	9.77	7.71	76.0	
Q1489-10	TP-3-E2	53	1.15	8.84	9.99	8.7	85.4	
Q1489-11	TP-3-E3	54	1.15	8.38	9.53	7.9	80.5	
Q1489-13	TP-4	55	1.16	8.81	9.97	8.57	84.1	
Q1489-14	TP-4-E2	56	1.16	8.82	9.98	8.46	82.8	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 3/5/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:40
In Date: 03/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:35
Out Date: 03/05/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB134889

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q1489-15	TP-4-E3	57	1.16	8.50	9.66	8.02	80.7	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

13489

WorkList Name : %1-030425

WorkList ID : 187994

Department : Wet-Chemistry

Date : 03-04-2025 07:58:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1480-01	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-02	TP-1-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-03	TP-1-E3	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-04	TP-1-E4	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-05	TP-1-E5	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-06	TP-1-E6	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-07	TP-1-E7	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-09	TP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-10	TP-2-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-11	TP-2-E3	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-12	TP-2-E4	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-13	TP-2-E5	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-14	TP-2-E6	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-15	TP-2-E7	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-17	TP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-18	TP-3-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-19	TP-3-E3	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-20	TP-3-E4	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-21	TP-3-E5	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-22	TP-3-E6	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-23	TP-3-E7	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO

Date/Time 03/04/25 16:15

Raw Sample Received by: JO GPC

Raw Sample Relinquished by: CP SM

Date/Time 03/04/25 18:00

Raw Sample Received by: CP SM

Raw Sample Relinquished by: JO GPC

WORKLIST(Hardcopy Internal Chain)

134889

WorkList Name : %1-030425

WorkList ID : 187994

Department : Wet-Chemistry

Date : 03-04-2025 07:58:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1480-25	TP-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-26	TP-4-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-27	TP-4-E3	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-28	TP-4-E4	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-29	TP-4-E5	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-30	TP-4-E6	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1480-31	TP-4-E7	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1481-01	WC-K1311	Solid	Percent Solids	Cool 4 deg C	PSEG03	I11	03/03/2025	Chemtech -SO
Q1482-01	OR-03-030425	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	03/04/2025	Chemtech -SO
Q1482-02	OR-03-030425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	H31	03/04/2025	Chemtech -SO
Q1484-01	TR-OTR-COMP-01	Solid	Percent Solids	Cool 4 deg C	PSEG05	H31	03/04/2025	Chemtech -SO
Q1484-02	TR-OTR-VOC-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	03/04/2025	Chemtech -SO
Q1484-03	TR-OTR-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	03/04/2025	Chemtech -SO
Q1484-04	TR-OTR-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	03/04/2025	Chemtech -SO
Q1484-05	TR-OTR-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	03/04/2025	Chemtech -SO
Q1485-01	DN-B-41	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	03/04/2025	Chemtech -SO
Q1486-01	DN-B-40	Solid	Percent Solids	Cool 4 deg C	JPCLO1	I11	03/04/2025	Chemtech -SO
Q1487-01	DN-B-42	Solid	Percent Solids	Cool 4 deg C	JPCLO1	I11	03/04/2025	Chemtech -SO
Q1488-01	ENV-101-SB01	Solid	Percent Solids	Cool 4 deg C	JPCLO1	I11	03/04/2025	Chemtech -SO
Q1488-03	ENV-101-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	H31	03/04/2025	Chemtech -SO
Q1488-05	ENV-102-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	H31	03/04/2025	Chemtech -SO

Date/Time 03/04/25 16:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 03/04/25 18:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

134889

WorkList Name : %1-030425

WorkList ID : 187994

Department : Wet-Chemistry

Date : 03-04-2025 07:58:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1488-07	ENV-102-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	H31	03/04/2025	Chemtech -SO
Q1488-09	ENV-104-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	H31	03/04/2025	Chemtech -SO
Q1488-11	ENV-104-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	H31	03/04/2025	Chemtech -SO
Q1489-01	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	I22	03/04/2025	Chemtech -SO
Q1489-02	TP-1-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I22	03/04/2025	Chemtech -SO
Q1489-03	TP-1-E3	Solid	Percent Solids	Cool 4 deg C	PSEG03	I22	03/04/2025	Chemtech -SO
Q1489-05	TP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I22	03/04/2025	Chemtech -SO
Q1489-06	TP-2-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I22	03/04/2025	Chemtech -SO
Q1489-07	TP-2-E3	Solid	Percent Solids	Cool 4 deg C	PSEG03	I22	03/04/2025	Chemtech -SO
Q1489-09	TP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	I22	03/04/2025	Chemtech -SO
Q1489-10	TP-3-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I22	03/04/2025	Chemtech -SO
Q1489-11	TP-3-E3	Solid	Percent Solids	Cool 4 deg C	PSEG03	I22	03/04/2025	Chemtech -SO
Q1489-13	TP-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	I22	03/04/2025	Chemtech -SO
Q1489-14	TP-4-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I22	03/04/2025	Chemtech -SO
Q1489-15	TP-4-E3	Solid	Percent Solids	Cool 4 deg C	PSEG03	I22	03/04/2025	Chemtech -SO

Date/Time 03/04/25 16:15

Raw Sample Received by: SP wiles

Raw Sample Relinquished by: AP Spm

Date/Time 03/04/25

Raw Sample Received by: AP Spm

Raw Sample Relinquished by: SP wiles



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Gannett Fleming
ADDRESS: 1010 Adams Ave
CITY: Audubon STATE: PA ZIP: 19405
ATTENTION: Joe Krupansky
PHONE: 610-301-8342 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Amtrak replacement of SB
PROJECT NO: 9500000819 LOCATION: Kearny NJ
PROJECT MANAGER: Joe Krupansky
e-mail: JAKR@BEMEX.COM
PHONE: 610-301-8342 FAX:

CLIENT BILLING INFORMATION

BILL TO: Alliance PO#:
ADDRESS: 284 Sheffield St
CITY: Mountainside STATE: NJ ZIP: 07093
ATTENTION: Samantha Peashu PHONE: 908-788-3148

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 10 DAYS*
EDD: 10 DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT BEM EXD

1. PCBs 2. TAN Metals 3. TCL-VOC+10 4. Hex Chromium 5. TCL-SVOCs-BNM-20 6. EPM 7. PCRA 8. TCLP 9.

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	ENV-101-SB01	S		X	3/4/25	910	9	X	X	X	X	X	X	X	X		
2.	ENV-101-SB02	S				920	8	X	X	X	X	X	X	X	X		
3.	ENV-102-SB01	S				1005	9	X	X	X	X	X	X	X	X		
4.	ENV-102-SB02	S				1025	9	X	X	X	X	X	X	X	X		
5.	ENV-102-GW01	GW				1045	8	X	X	X	X	X	X				
6.	ENV-104-SB01	S				1200	9	X	X	X	X	X	X	X	X		
7.	ENV-104-SB02	S				1210	9	X	X	X	X	X	X	X	X		
8.	ENV-104-GW01	GW		V		1230	8	X	X	X	X	X	X				
9.	TB03042025	W				NA	2			X							
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME: 3/4/25 142	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.7 °C
1. [Signature]	3/4/25	1. [Signature]	Comments:
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2.		2.	
RELINQUISHED BY SAMPLER:	DATE/TIME: 3-4-25 1527	RECEIVED BY:	
3. [Signature]	3-4-25	3.	

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1488	PORT06	Order Date : 3/4/2025 3:39:00 PM	Project Mgr :
Client Name : Portal Partners Tri-Venture		Project Name : Amtrak Sawtooth Bridges 2	Report Type : NJ Reduced
Client Contact : Joseph Krupansky		Receive DateTime : 3/4/2025 3:27:00 PM	EDD Type : EXCEL NJCLEANUP
Invoice Name : Portal Partners Tri-Venture		Purchase Order :	Hard Copy Date :
Invoice Contact : Joseph Krupansky			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1488-01	ENV-101-SB01	Solid	03/04/2025	09:10					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q1488-03	ENV-101-SB02	Solid	03/04/2025	09:20					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q1488-05	ENV-102-SB01	Solid	03/04/2025	10:05					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q1488-07	ENV-102-SB02	Solid	03/04/2025	10:25					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q1488-09	ENV-104-SB01	Solid	03/04/2025	12:00					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q1488-11	ENV-104-SB02	Solid	03/04/2025	12:10					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q1488-13	ENV-102-GW01	Water	03/04/2025	10:45					
					VOC-TCLVOA-10		8260-Low	10 Bus. Days	
Q1488-14	ENV-104-GW01	Water	03/04/2025	12:30					

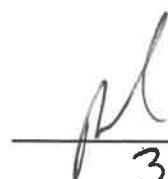
LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1488	PORT06	Order Date : 3/4/2025 3:39:00 PM	Project Mgr :
Client Name : Portal Partners Tri-Venture		Project Name : Amtrak Sawtooth Bridges 2	Report Type : NJ Reduced
Client Contact : Joseph Krupansky		Receive DateTime : 3/4/2025 3:27:00 PM	EDD Type : EXCEL NJCLEANUP
Invoice Name : Portal Partners Tri-Venture		Purchase Order :	Hard Copy Date :
Invoice Contact : Joseph Krupansky			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOC-TCLVOA-10		8260-Low	10 Bus. Days	
Q1488-15	TB03042025	Water	03/04/2025	00:00					
					VOC-TCLVOA-10		8260-Low	10 Bus. Days	

Relinquished By: 

Date / Time : 3-4-25 1615

Received By: 

Date / Time : 3-4-25 16:15

Storage Area : VOA Refridgerator Room