

LAB CHRONICLE

OrderID:	Q2843	OrderDate:	8/13/2025 10:28:42 AM
Client:	Ambric Technology Corporation	Project:	NEWPCP Sludge Screen 13923-GE-25
Contact:	Dan Mulvihill	Location:	J11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2843-01	NEWPCP-SS-1 14-16	SOIL			08/12/25 14:00			08/13/25
			Corrosivity	9045D			08/14/25 08:44	
			Ignitability	1030			08/14/25 12:00	
			Reactive Cyanide	9012B		08/15/25	08/15/25 12:52	
			Reactive Sulfide	9034		08/15/25	08/15/25 15:16	
Q2843-02	NEWPCP-SS-2 8-10	SOIL			08/12/25 14:00			08/13/25
			Corrosivity	9045D			08/14/25 08:50	
			Ignitability	1030			08/14/25 12:14	
			Reactive Cyanide	9012B		08/15/25	08/15/25 12:52	
			Reactive Sulfide	9034		08/15/25	08/15/25 15:18	
Q2843-03	NEWPCP-SS-2 6-8	SOIL			08/12/25 14:00			08/13/25
			Corrosivity	9045D			08/14/25 09:00	
			Ignitability	1030			08/14/25 12:22	
			Reactive Cyanide	9012B		08/15/25	08/15/25 12:52	
			Reactive Sulfide	9034		08/15/25	08/15/25 15:20	

LAB CHRONICLE

Q2843-04	NEWPCP-SS-5 12-14	SOIL	08/12/25 14:00		08/13/25
		Corrosivity	9045D		08/14/25 09:03
		Ignitability	1030		08/14/25 12:30
		Reactive Cyanide	9012B	08/15/25	08/15/25 12:52
		Reactive Sulfide	9034	08/15/25	08/15/25 15:23



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Ambric Technology Corporation	Date Collected:	08/12/25 14:00
Project:	NEWPCP Sludge Screen 13923-GE-25	Date Received:	08/13/25
Client Sample ID:	NEWPCP-SS-1 14-16	SDG No.:	Q2843
Lab Sample ID:	Q2843-01	Matrix:	SOIL
		% Solid:	89.8

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	7.00	H	1	0	0	pH		08/14/25 08:44	9045D
Ignitability	NO		1	0	0	oC		08/14/25 12:00	1030
Reactive Cyanide	0.0083	U	1	0.0083	0.050	mg/Kg	08/15/25 08:35	08/15/25 12:52	9012B
Reactive Sulfide	3.19	J	1	0.20	10.0	mg/Kg	08/15/25 12:40	08/15/25 15:16	9034

Comments: pH result reported at temperature 24.3 °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:	Ambric Technology Corporation	Date Collected:	08/12/25 14:00
Project:	NEWPCP Sludge Screen 13923-GE-25	Date Received:	08/13/25
Client Sample ID:	NEWPCP-SS-2 8-10	SDG No.:	Q2843
Lab Sample ID:	Q2843-02	Matrix:	SOIL
		% Solid:	94.4

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	7.78	H	1	0	0	pH		08/14/25 08:50	9045D
Ignitability	NO		1	0	0	oC		08/14/25 12:14	1030
Reactive Cyanide	0.0084	U	1	0.0084	0.050	mg/Kg	08/15/25 08:35	08/15/25 12:52	9012B
Reactive Sulfide	4.73	J	1	0.20	10.0	mg/Kg	08/15/25 12:40	08/15/25 15:18	9034

Comments: pH result reported at temperature 24.6 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Ambric Technology Corporation	Date Collected:	08/12/25 14:00
Project:	NEWPCP Sludge Screen 13923-GE-25	Date Received:	08/13/25
Client Sample ID:	NEWPCP-SS-2 6-8	SDG No.:	Q2843
Lab Sample ID:	Q2843-03	Matrix:	SOIL
		% Solid:	93.4

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	7.30	H	1	0	0	pH		08/14/25 09:00	9045D
Ignitability	NO		1	0	0	oC		08/14/25 12:22	1030
Reactive Cyanide	0.0083	U	1	0.0083	0.049	mg/Kg	08/15/25 08:35	08/15/25 12:52	9012B
Reactive Sulfide	6.36	J	1	0.20	10.0	mg/Kg	08/15/25 12:40	08/15/25 15:20	9034

Comments: pH result reported at temperature 23.7 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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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:	Ambric Technology Corporation	Date Collected:	08/12/25 14:00
Project:	NEWPCP Sludge Screen 13923-GE-25	Date Received:	08/13/25
Client Sample ID:	NEWPCP-SS-5 12-14	SDG No.:	Q2843
Lab Sample ID:	Q2843-04	Matrix:	SOIL
		% Solid:	95.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	7.53	H	1	0	0	pH		08/14/25 09:03	9045D
Ignitability	NO		1	0	0	oC		08/14/25 12:30	1030
Reactive Cyanide	0.0083	U	1	0.0083	0.049	mg/Kg	08/15/25 08:35	08/15/25 12:52	9012B
Reactive Sulfide	6.37	J	1	0.20	10.0	mg/Kg	08/15/25 12:40	08/15/25 15:23	9034

Comments: pH result reported at temperature 24.6 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Ambric Technology Corporation

SDG No.: Q2843

Project: NEWPCP Sludge Screen 13923-GE-25

RunNo.: LB136813

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Corrosivity	pH	7.00	7	100	90-110	08/14/2025
Sample ID: CCV1 Corrosivity	pH	2.01	2.00	101	90-110	08/14/2025
Sample ID: CCV2 Corrosivity	pH	12.02	12.00	100	90-110	08/14/2025
Sample ID: CCV3 Corrosivity	pH	2.02	2.00	101	90-110	08/14/2025

Initial and Continuing Calibration Verification

Client: Ambric Technology Corporation

SDG No.: Q2843

Project: NEWPCP Sludge Screen 13923-GE-25

RunNo.: LB136838

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Reactive Cyanide	mg/L	0.098	0.099	99	85-115	08/15/2025
Sample ID: CCV1 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	08/15/2025
Sample ID: CCV2 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	08/15/2025
Sample ID: CCV3 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	08/15/2025
Sample ID: CCV4 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	08/15/2025

Initial and Continuing Calibration Blank Summary

Client: Ambric Technology Corporation

SDG No.: Q2843

Project: NEWPCP Sludge Screen 13923-GE-25

RunNo.: LB136838

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	08/15/2025
Sample ID: CCB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	08/15/2025
Sample ID: CCB2 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	08/15/2025
Sample ID: CCB3 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	08/15/2025
Sample ID: CCB4 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	08/15/2025

Preparation Blank Summary

Client: Ambric Technology Corporation

SDG No.: Q2843

Project: NEWPCP Sludge Screen 13923-GE-25

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB169252BL							
Reactive Cyanide	mg/Kg	< 0.0250	0.0250	U	0.0084	0.05	08/15/2025
Sample ID: PB169254BL							
Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.201	10	08/15/2025

Duplicate Sample Summary

Client:	Ambric Technology Corporation	SDG No.:	Q2843
Project:	NEWPCP Sludge Screen 13923-GE-25	Sample ID:	Q2843-01
Client ID:	NEWPCP-SS-1 14-16DUP	Percent Solids for Spike Sample:	89.8

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Corrosivity	pH	+/-20	7.00		7.01		1	0.14		08/14/2025
Ignitability	oC	+/-20	NO		NO		1	0		08/14/2025

Duplicate Sample Summary

Client: Ambric Technology Corporation Project: NEWPCP Sludge Screen 13923-GE-25 Client ID: ELI-25-0086DUP	SDG No.: Q2843 Sample ID: Q2874-02 Percent Solids for Spike Sample: 63.4
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Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Reactive Cyanide	mg/Kg	+/-20	0.0083	U	0.0083	U	1	0		08/15/2025
Reactive Sulfide	mg/Kg	+/-20	6.31	J	6.31	J	1	0		08/15/2025