

## **ANALYTICAL RESULTS SUMMARY**

GENERAL CHEMISTRY

**PROJECT NAME : NEWPCP SLUDGE SCREEN 13923-GE-25**

**AMBRIC TECHNOLOGY CORPORATION**

**100 Pine Street**

**Colwyn, PA - 19023**

**Phone No: 215-928-8930**

**ORDER ID : Q3538**

**ATTENTION : Dan Mulvihill**



**Laboratory Certification ID # 20012**



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## Cover Page

**Order ID :** Q3538

**Project ID :** NEWPCP Sludge Screen 13923-GE-25

**Client :** Ambric Technology Corporation

**Lab Sample Number**

Q3538-01  
Q3538-02

**Client Sample Number**

3899-RICHMOND-STREET-SB1  
3899-RICHMOND-STREET-SB2

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: 11/6/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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

## **CASE NARRATIVE**

### **Ambric Technology Corporation**

**Project Name: NEWPCP Sludge Screen 13923-GE-25**

**Project # N/A**

**Order ID # Q3538**

**Test Name: Corrosivity**

#### **A. Number of Samples and Date of Receipt:**

2 Solid samples were received on 11/04/2025.

#### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Corrosivity. This data package contains results for Corrosivity.

#### **C. Analytical Techniques:**

The analysis of Corrosivity was based on method 9045D.

#### **D. QA/ QC Samples:**

The Holding Times were met for all samples except for 3899-RICHMOND-STREET-SB1 of Corrosivity and for 3899-RICHMOND-STREET-SB2 of Corrosivity as sample were receive out of holding time.

The Duplicate analysis met criteria for all compounds.

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

The Calibration met the requirements.

#### **E. Additional Comments:**

The Date and time of sampling was not listed in the COC.

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Signature\_\_\_\_\_

## DATA REPORTING QUALIFIERS- INORGANIC

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

<b>J</b>	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).
<b>U</b>	Indicates the analyte was analyzed for, but not detected.
<b>ND</b>	Indicates the analyte was analyzed for, but not detected
<b>E</b>	Indicates the reported value is estimated because of the presence of interference
<b>M</b>	Indicates Duplicate injection precision not met.
<b>N</b>	Indicates the spiked sample recovery is not within control limits.
<b>S</b>	Indicates the reported value was determined by the Method of Standard Addition (MSA).
<b>*</b>	Indicates that the duplicate analysis is not within control limits.
<b>+</b>	Indicates the correlation coefficient for the MSA is less than 0.995.
<b>D</b>	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
<b>M</b>	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
<b>OR</b>	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
<b>Q</b>	Indicates the LCS did not meet the control limits requirements
<b>H</b>	Sample Analysis Out Of Hold Time

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q3538

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: SOHIL JODHANI

Date: 11/06/2025



# SAMPLE DATA

## Report of Analysis

Client:	Ambric Technology Corporation	Date Collected:	11/04/25 12:00
Project:	NEWPCP Sludge Screen 13923-GE-25	Date Received:	11/04/25
Client Sample ID:	3899-RICHMOND-STREET-SB1	SDG No.:	Q3538
Lab Sample ID:	Q3538-01	Matrix:	SOIL
		% Solid:	88

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	6.87	H	1	0	0	pH		11/05/25 09:40	9045D

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:	11/04/25 12:00
Project:	NEWPCP Sludge Screen 13923-GE-25	Date Received:	11/04/25
Client Sample ID:	3899-RICHMOND-STREET-SB2	SDG No.:	Q3538
Lab Sample ID:	Q3538-02	Matrix:	SOIL
		% Solid:	90.8

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	6.89	H	1	0	0	pH		11/05/25 09:42	9045D

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

## LAB CHRONICLE

<b>OrderID:</b>	Q3538	<b>OrderDate:</b>	11/4/2025 2:36:00 PM
<b>Client:</b>	Ambric Technology Corporation	<b>Project:</b>	NEWPCP Sludge Screen 13923-GE-25
<b>Contact:</b>	Dan Mulvihill	<b>Location:</b>	D31,D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>Q3538-01</b>	<b>3899-RICHMOND-STR EET-SB1</b>	<b>SOIL</b>			<b>11/04/25 12:00</b>			<b>11/04/25</b>
			Corrosivity	9045D			11/05/25 09:40	
<b>Q3538-02</b>	<b>3899-RICHMOND-STR EET-SB2</b>	<b>SOIL</b>			<b>11/04/25 12:00</b>			<b>11/04/25</b>
			Corrosivity	9045D			11/05/25 09:42	



# SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax: (908) 788-9222  
www.chemtech.net

Alliance Project Number:

Q 3538

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION

COMPANY: **AMERIC TECHNOLOGY CORP**  
ADDRESS: **100 PINE STREET**  
CITY: **COLUMBYN** STATE: **PA** ZIP: **19023**  
ATTENTION: **DAN MUMFILL**  
PHONE: **215-928-8930** FAX:

PROJECT INFORMATION

PROJECT NAME: **PWD-3899 Richmond St.**  
PROJECT #: **3899** LOCATION: **Richmond St.**  
PROJECT MANAGER:  
E-MAIL:  
PHONE: FAX:

COC Number:

BILLING INFORMATION

BILL TO: **AMERIC TECH** PO#  
ADDRESS: **100 PINE STREET** STATE: **PA** ZIP: **19023**  
CITY: **COLUMBYN** ATTENTION: **MICHAEL HELMHEIMANN** PHONE: **215-928-8930**

DATA TURNAROUND INFORMATION

FAX: DAYS\*  
HARD COPY: DAYS\*  
EDD **NORMAL (STANDARD)** DAYS\*  
\* TO BE APPROVED BY ALLIANCE  
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP  
☒ RESULTS + QC ☐ New York State ASP "B"  
☐ New Jersey REDUCED ☐ New York State ASP "A"  
☐ New Jersey CLP ☐ Other  
☐ EDD Format

PRESERVATIVES								
1	2	3	4	5	6	7	8	9

COMMENTS

Specify Preservatives  
A-HCl B-HNO3  
C-H2SO4 D-NaOH  
E-ICE F-Other

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles									
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9
1.	3899 Richmond Street	Corrosivity														
2.																
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY	Conditions of bottles or coolers at receipt:	SHIPPED VIA:	SHIPMENT COMPLETE
1. Dan Mumfill	11/4 (12:45h)		MeOH extraction requires an additional 4oz. Jar for percent solid Comments:	ALLIANCE: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Overnight	<input type="checkbox"/> YES <input type="checkbox"/> NO
RELINQUISHED BY	DATE/TIME	RECEIVED BY			
2.					
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY			
3.	11/4/25 1540		Page 3 of		

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

### Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312