

## **DATA PACKAGE**

GENERAL CHEMISTRY

**PROJECT NAME : 24121022**

**SUMMIT ENVIRONMENTAL TECHNOLOGIES, LLC**

**3310 Win Street**

**Cuyahoga Falls, OH - 44223**

**Phone No: 614.582.4966**

**ORDER ID : P5403**

**ATTENTION : Jennifer Woolf**



**Laboratory Certification ID # 20012**



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## Cover Page

**Order ID :** P5403

**Project ID :** 24121022

**Client :** Summit Environmental Technologies, LLC

**Lab Sample Number**

P5403-01

**Client Sample Number**

24121022-00-PW-1

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 :

N. N. Pandya

**APPROVED**

Date: 1/3/2025  
By Nimisha Pandya, QA/QC Supervisor at 9:19 am, Jan 10, 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**

**Summit Environmental Technologies, LLC**

**Project Name: 24121022**

**Project # N/A**

**Chemtech Project # P5403**

**Test Name: TOC**

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

1 Water sample was received on 12/31/2024.

### **B. Parameters:**

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

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

The analysis of TOC was based on method SM5310B.

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

The Holding Times were met for all analysis.

Sample 24121022-00-PW-1 was diluted due to high concentrations for TOC.

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:**

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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 \_\_\_\_\_

**APPROVED**

By Nimisha Pandya, QA/QC Supervisor at 9:19 am, Jan 10, 2025

## 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 #: P5403

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: MOHAMMAD AHMED

Date: 01/03/2025



# SAMPLE DATA

## Report of Analysis

Client:	Summit Environmental Technologies, LLC	Date Collected:	12/30/24 10:30
Project:	24121022	Date Received:	12/31/24
Client Sample ID:	24121022-00-PW-1	SDG No.:	P5403
Lab Sample ID:	P5403-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TOC	30.3	OR	1	0.19	1.00	mg/L		12/31/24 13:28	SM 5310 B-14

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:	Summit Environmental Technologies, LLC	Date Collected:	12/30/24 10:30
Project:	24121022	Date Received:	12/31/24
Client Sample ID:	24121022-00-PW-1DL	SDG No.:	P5403
Lab Sample ID:	P5403-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TOC	33.6	D	4	0.76	4.00	mg/L		12/31/24 15:17	SM 5310 B-14

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  
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J = Estimated Value  
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### LAB CHRONICLE

<b>OrderID:</b>	P5403	<b>OrderDate:</b>	12/31/2024 10:00:00 AM
<b>Client:</b>	Summit Environmental Technologies, LLC	<b>Project:</b>	24121022
<b>Contact:</b>	Jennifer Woolf	<b>Location:</b>	L11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>P5403-01</b>	<b>24121022-00-PW-1</b>	<b>WATER</b>			<b>12/30/24 10:30</b>			<b>12/31/24</b>
			TOC	SM5310B			12/31/24 13:28	
<b>P5403-01DL</b>	<b>24121022-00-PW-1DL</b>	<b>WATER</b>			<b>12/30/24 10:30</b>			<b>12/31/24</b>
			TOC	SM5310B			12/31/24 15:17	



# SHIPPING DOCUMENTS



**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