

DATA PACKAGE

GENERAL CHEMISTRY

PROJECT NAME : 24120686

SUMMIT ENVIRONMENTAL TECHNOLOGIES, LLC

3310 Win Street

Cuyahoga Falls, OH - 44223

Phone No: 614.582.4966

ORDER ID : P5370

ATTENTION : Jennifer Woolf



Laboratory Certification ID # 20012



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Cover Page

Order ID : P5370

Project ID : 24120686

Client : Summit Environmental Technologies, LLC

Lab Sample Number

P5370-01
P5370-02

Client Sample Number

120524-89
120624-09

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: 12/30/2024

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: 24120686

Project # N/A

Chemtech Project # P5370

Test Name: TOC

A. Number of Samples and Date of Receipt:

2 Water samples were received on 12/20/2024.

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.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike (120524-89MS) analysis met criteria for all samples except for TOC due to matrix interferences.

The Matrix Spike Duplicate (120524-89MSD) analysis met criteria for all samples except for TOC due to matrix interferences.

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

The Calibration met the requirements.

E. Additional Comments:

P5370-01 and P5370-02 samples were analyzed straight for TOC Due to bad matrix, analyzed as 400X straight dilution.

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 #: P5370

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 Castody

✓

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: 12/30/2024



SAMPLE DATA

Report of Analysis

Client:	Summit Environmental Technologies, LLC	Date Collected:	12/05/24 10:35
Project:	24120686	Date Received:	12/20/24
Client Sample ID:	120524-89	SDG No.:	P5370
Lab Sample ID:	P5370-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TOC	5100	D	400	76.0	400	mg/L		12/20/24 16:57	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:	12/04/24 10:40
Project:	24120686	Date Received:	12/20/24
Client Sample ID:	120624-09	SDG No.:	P5370
Lab Sample ID:	P5370-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TOC	950	D	400	76.0	400	mg/L		12/20/24 18:25	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

LAB CHRONICLE

OrderID:	P5370	OrderDate:	12/20/2024 11:30:07 AM
Client:	Summit Environmental Technologies, LLC	Project:	24120686
Contact:	Jennifer Woolf	Location:	N21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5370-01	120524-89	WATER	TOC	SM5310B	12/05/24 10:35		12/20/24 16:57	12/20/24
P5370-02	120624-09	WATER	TOC	SM5310B	12/04/24 10:40		12/20/24 18:25	12/20/24



SHIPPING DOCUMENTS



CHAIN OF CUSTODY RECORD

Omega COCID 3825

PAGE: 1

OF: 1

ADDRESS
 453108

Summit Environmental

Technologies, Inc.

3310 Wain St.

Cuyahoga Falls, Ohio 44223

TEL: (330) 253-8211

FAX: (330) 253-4489

Website: <http://www.setek.com>

SUB CONTRACTOR: Chemtech NJ COMPANY: Chemtech

ADDRESS: 284 Sheffield St., Ste 1

CITY, STATE, ZIP: Mountainside, NJ 07092

PHONE: (908) 789-8900

FAX:

EMAIL:

ACCOUNT #:

SPECIAL INSTRUCTIONS / COMMENTS:

send results to snajjar@setek.com

PO 24120686

ANALYTICAL PARAMETERS

453108

COMMENTS

Mechanically Preserved Weights
 HOT Sample Notation
 Additional Sample Description,
 etc.

ITEM #	SAMPLE ID	Client Sample ID	Bottle Type	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS
1	24120686-00	120524 89	40ML-AMB-	Non-Potabl	2/5/2024 10:35:00 AM	1
2	24120686-00	120624 09	40ML-AMB-	Non-Potabl	2/4/2024 10:40:00 AM	1

Relinquished By: <i>By: [Signature]</i>	Date: 12/19/2024	Time: 1:55 PM	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: <i>[Signature]</i>	Date: 12-20-24	Time: 11:00
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

TAT:	Standard <input type="checkbox"/>	RUSH <input type="checkbox"/>	Next BD <input type="checkbox"/>	2nd BD <input type="checkbox"/>	3rd BD <input type="checkbox"/>
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Note: RUSH requests will incur surcharges!

REPORT TRANSMITTAL DESIRED:	<input type="checkbox"/> HARD COPY (extra cost)	<input type="checkbox"/> FAX	<input type="checkbox"/> EMAIL	<input type="checkbox"/> ONLINE
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Temp of samples	2.1 °C	Attempt to Cool?	IR-6m #1
Comments:			

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