

DATA PACKAGE

GENERAL CHEMISTRY

PROJECT NAME : 24121099

SUMMIT ENVIRONMENTAL TECHNOLOGIES, LLC

3310 Win Street

Cuyahoga Falls, OH - 44223

Phone No: 614.582.4966

ORDER ID : P5350

ATTENTION : Jennifer Woolf



Laboratory Certification ID # 20012



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DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

1

Laboratory Name : Alliance Technical Group LLC Client : Summit Environmental Technologies, LLC
 Project Location : Mountainside,NJ Project Number : - 24121099
 Laboratory Sample ID(s) : P5350 Sampling Date(s) : 12/13/2024
 List DKQP Methods Used (e.g., 8260,8270, et Cetra) **SM5310B**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1A	Were the method specified handling, preservation, and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Were samples received at an appropriate temperature (4±2° C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Data of Known Quality."

Cover Page

Order ID : P5350

Project ID : 24121099

Client : Summit Environmental Technologies, LLC

Lab Sample Number

P5350-01

Client Sample Number

24121099-001A

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: 12/25/2024

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: 24121099

Project # N/A

Chemtech Project # P5350

Test Name: TOC

A. Number of Samples and Date of Receipt:

1 Water sample was received on 12/19/2024.

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 (24121099-001AMS) analysis met criteria for all samples except for TOC due to matrix interferences.

The Matrix Spike Duplicate (24121099-001AMSD) 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:

P5350-01 sample was not 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 #: P5350

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: 12/25/2024



SAMPLE DATA

Report of Analysis

Client:	Summit Environmental Technologies, LLC	Date Collected:	12/13/24 06:00
Project:	24121099	Date Received:	12/19/24
Client Sample ID:	24121099-001A	SDG No.:	P5350
Lab Sample ID:	P5350-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TOC	5220	D	400	76.0	400	mg/L		12/19/24 15:53	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:	P5350	OrderDate:	12/19/2024 11:07:53 AM
Client:	Summit Environmental Technologies, LLC	Project:	24121099
Contact:	Jennifer Woolf	Location:	N13

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5350-01	24121099-001A	WATER	TOC	SM5310B	12/13/24 06:00		12/19/24 15:53	12/19/24



SHIPPING DOCUMENTS



CHAIN OF CUSTODY RECORD

Omega COCID

PAGE: 1

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P5350

ADDRESS

Summit Environmental

Tech 12/19/24 B.C.

Cuyahoga Falls, Ohio 44223

FAX: (330) 253-4489

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

SUB CONTRACTOR: Alliance Technical Group		COMPANY: Alliance Technical Group		SPECIAL INSTRUCTIONS / COMMENTS: Please report to jwoolf@setek.com		PO#24121099	
ADDRESS: 284 Sheffield Street							
CITY, STATE, ZIP: Mountainside, NJ 07092							
PHONE/FAX: (908) 789-8900		EMAIL:					
ACCOUNT #:							

ITEM #	SAMPLE ID	Client Sample ID	Bottle Type	MATRIX	DATE COLLECTED	Containers	ANALYTICAL PARAMETERS	COMMENTS
1	24121099-001A	6900 G Waste Tank	Glass 1 Liter	Sludge	12/13/24 06:00	1 X	TOC	Methanol Preserved Weights HOT Sample Notation etc. Additional Sample Description,
2								
3								
4								

Relinquished By: Anthony Britton	Date: 12/18/24	Time: 17:40	Received By:	Date/Time: 4:44 12-19-24	REPORT TRANSMITTAL DESIRED: HARDCOPY (extra cost) <input type="checkbox"/> FAX <input type="checkbox"/> EMAIL <input type="checkbox"/> ONLINE <input type="checkbox"/>
Relinquished By:	Date:	Time:	Received By:	Date/Time:	
Relinquished By:	Date:	Time:	Received By:	Date/Time:	

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

Temp of samples <u>2.1</u> °C	Attempt to Cool? <input type="checkbox"/>
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