SDG COVER PAGE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51847 MA No.: SDG No.: ME2922

SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	Analysis Method ICP-AES	ICP-MS	Mercury	Cyanide
ME2922	P5352-01	X	X	X	X
ME2924	P5352-02	X	X	X	X
ME2925	P5352-03	X	X	X	X
ME2926	P5352-04	X	X	X	X
ME2926D	P5352-05	X	X	X	X
ME2926S	P5352-06	X	X	X	X

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the SDG Narrative. All edits and manual integrations have been peer-reviewed. Release of the data contained in this hardcopy Complete SDG File and in the electronic data submitted has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Name:

Date: Title:

68HERH20D0011 SDG # ME2922

USEPA CLP COC (LAB COPY)
DateShipped: 12/18/2024
CarrierName: UPS
AirbillNo: 1Z93947Y0107684847

CHAIN OF CUSTODY RECORD

Case #: 51847
Cooler #: 16

No: 5-121724-150913-0313
Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-728-3151

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
IA15AST16-0-0.5	E2922	Soil/	Grab	Semivolatiles, PAHs+PCP by SIM (TAT 21 Days)(21), ARO(21), VOA(21)	2931, 4942, 4944 (MeOH), 4945, 4946 (6)	IA-15-AST-16	12/17/2024 09:45	
IA15AST16-0-0.5-MS/MSD	E2923	Soil/	Grab	Semivolatiles, PAHs+PCP by SIM (TAT 21 Days)(21), ARO(21), VOA(21)	2931, 4947, 4949 (MeOH), 4950, 4951 (12)	IA-15-AST-16	12/17/2024 09:45	
IA15AST17-0-0.5	E2924	Soil/	Grab	Semivolatiles, PAHs+PCP by SIM (TAT 21 Days)(21), ARO(21), VOA(21)	2931, 4952, 4954 (MeOH), 4955, 4956 (6)	IA-15-AST-17	12/17/2024 10:45	
AST-24-108	E2925	Soil/	Grab	Semivolatiles, PAHs+PCP by SIM (TAT 21 Days)(21), ARO(21), VOA(21)	2931, 4957, 4959 (MeOH), 4960, 4961 (6)	AST-24-108	12/17/2024 10:45	
IA15AST18-0-0.5	E2926	Soil/	Grab	Semivolatiles, PAHs+PCP by SIM (TAT 21 Days)(21), ARO(21), VOA(21)	2931, 4962, 4964 (MeOH), 4965, 4966 (6)	IA-15-AST-18	12/17/2024 11:45	
IA15AST16-0-0.5	ME2922	Soil/	Grab	ICP-MS/AES+HG+CN(21)	4943 (1)	IA-15-AST-16	12/17/2024 09:45	
IA15AST16-0-0.5-MS/MSD	ME2923	Soil/	Grab	ICP-MS/AES+HG+CN(21)	4948 (2)	IA-15-AST-16	12/17/2024 09:45	
IA15AST17-0-0.5	ME2924	Soil/	Grab	ICP-MS/AES+HG+CN(21)	4953 (1)	IA-15-AST-17	12/17/2024 10:45	
AST-24-108	ME2925	Soil/	Grab	ICP-MS/AES+HG+CN(21)	4958 (1)	AST-24-108	12/17/2024 10:45	
IA15AST18-0-0.5	ME2926	Soil/	Grab	ICP-MS/AES+HG+CN(21)	4963 (1)	IA-15-AST-18	12/17/2024 11:45	

Special Instructions: Please return cooler with enclosed airbill (1Z93947Y0330831425).

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ARO=Aroclors, VOA=Volatiles, ICP-MS/AES+HG+CN=ICP-AES/MS (5-10, 11+)+HG+CN

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	Conn Lynn, Plorus	12/18/24 1740	UPS	12/19/24 1000	good, at temp
			R. Melendez	10:38 12.19.24	IR gun #1 2.3°
					Temp Blank present
					Custody seal intact

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC	Page 1 of 1
Received By (Print Name) Gonzo Mzscua	Log-in Date 12/19/2024
Received By (Signature)	
Case Number 51847 / SDG No. ME2922	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	n/a
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	1z93947y0107684847 1
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.3 Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	12/19/2024
12.Time Received	10:33 am

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	ME2922	N/A	4943	P5352-01	Intact
2	ME2924	N/A	4953	P5352-02	Intact
3	ME2925	N/A	4958	P5352-03	Intact
4	ME2926	N/A	4963	P5352-04	Intact
5	ME2926D	N/A	4963	P5352-05	Intact
6	ME2926S	N/A	4963	P5352-06	Intact
7	N/A	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A

* Contact SMO and attach record of resolution

Reviewed By		Logbook No.	N/A
Date	12/23/24	Logbook Page No.	N/A

FORM DC-2
COMPLETE SDG FILE (CSF) INVENTORY SHEET

LAB NAME	**Alliance Technical Group, LLC**		
LAB CODE	**ACE**		
CONTRACT NO.	**68HERH20D0011**		
CASE NO.	**51847**	SDG NO.	**ME2922**
MA NO.		SOW NO.	**SFAM01.1**

All documents delivered in the Complete SDG File must be original documents where possible. (Reference - Exhibit B Section 2.4)

	PAGE NOs: FROM	PAGE NOs: TO	CHECK LAB	CHECK REGION
1 . SDG Cover Page	1	1	✓	
2 . Traffic Report/Chain of Custody Record(s)	2	2	✓	
3 . Sample Log-In Sheet (DC-1)	3	3	✓	
4 . CSF Inventory Sheet (DC-2)	4	6	✓	
5 . SDG Narrative	7	12	✓	
6 . Communication Logs	13	18	✓	
7 . Percent Solids Log	19	20	✓	
Analysis Forms and Data (ICP-AES)				
8 . Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	21	24	✓	
9 . Instrument raw data by instrument in analysis order	25	602	✓	
Other Data				
10 . Standard and Reagent Preparation Logs	603	739	✓	
11 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	740	741	✓	
12 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	742	758	✓	
13 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	
14 . Extraction Logs for TCLP and SPLP	NA	NA	✓	
15 . Raw GPC Data	NA	NA	✓	
16 . Raw Florisil Data	NA	NA	✓	
Analysis Forms and Data (ICP-MS)				
17 . Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	759	762	✓	
18 . Instrument raw data by instrument in analysis order	763	1851	✓	
Other Data				
19 . Standard and Reagent Preparation Logs	1852	1989	✓	
20 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	1990	1991	✓	
21 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	1992	2001	✓	
22 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	

	PAGE NOs: FROM	TO	CHECK LAB	REGION
23. Extraction Logs for TCLP and SPLP	NA	NA	✓	
24. Raw GPC Data	NA	NA	✓	
25. Raw Florisil Data	NA	NA	✓	
Analysis Forms and Data (Mercury)				
26. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	2002	2005	✓	
27. Instrument raw data by instrument in analysis order	2006	2007	✓	
Other Data				
28. Standard and Reagent Preparation Logs	2008	2031	✓	
29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	2032	2033	✓	
30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	2034	2035	✓	
31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	
32. Extraction Logs for TCLP and SPLP	NA	NA	✓	
33. Raw GPC Data	NA	NA	✓	
34. Raw Florisil Data	NA	NA	✓	
Analysis Forms and Data (Cyanide)				
35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	2036	2039	✓	
36. Instrument raw data by instrument in analysis order	2040	2042	✓	
Other Data				
37. Standard and Reagent Preparation Logs	2043	2072	✓	
38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	2073	2074	✓	
39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	2075	2076	✓	
40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	
41. Extraction Logs for TCLP and SPLP	NA	NA	✓	
42. Raw GPC Data	NA	NA	✓	
43. Raw Florisil Data	NA	NA	✓	

	PAGE NOs: FROM	TO	CHECK LAB	REGION
Additional				
44. EPA Shipping/Receiving Documents				
Airbill (No. of Shipments 1)	2077	2077	✓	
Sample Tags	NA	NA	✓	
Sample Log-In Sheet (Lab)	2078	2079	✓	
45. Misc. Shipping/Receiving Records (list all individual records)				
	NA	NA	✓	
46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)				
	2080	2083	✓	
47. Other Records and related Communication Logs (describe or list)				
	NA	NA	✓	

48. Comments:

Completed by:
(CLP Lab)

(Signature)	Nimisha Pandya, Document Control Officer (Print Name & Title)	(Date)

Audited by:
(EPA)

(Signature)	(Print Name & Title)	(Date)

284 Sheffield Street
Mountainside, NJ 07092

SDG NARRATIVE

USEPA
SDG # ME2922
CASE # 51847
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # P5352

A. Number of Samples and Date of Receipt

04 Soil samples were delivered to the laboratory intact on 12/19/2024.

B. Parameters

Test requested for Metals CLP12 = Aluminum, Calcium, Iron, Magnesium, Potassium, Sodium & Mercury, Cyanide.

Test requested for Metals CLP MS FULL = Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc

C. Cooler Temp

Indicator Bottle**: Presence/**Absence

Cooler: 2.3^{o}C

D. Detail Documentation (related to Sample Handling Shipping, Analytical Problem, Temp of Cooler etc):

Issue 1 : A "P" or "M" prefix was listed at the beginning of a CLP sample ID.

Issue 2: There are no samples designated on the COC for laboratory QC for SDGs E2922 and ME2922. The laboratory has selected sample E2926 and ME2926 for laboratory QC. The laboratory has confirmed that the samples are not PT, blanks, or rinsate samples.

E. Corrective Action taken for above:

Resolution 1 : To maintain COC integrity, ASB requests no changes to the Sample IDs. The laboratory will note the issue in the SDG Narrative and proceed with the analysis of the samples.

284 Sheffield Street
Mountainside, NJ 07092

Resolution 2: Per SFAM01.1 Exhibit A, Section 5.5.4.1., the laboratory should note the issue in the SDG Narrative and proceed with analysis of the samples.

F. Analytical Techniques

All analyses were based on CLP Methodology by method SFAM01.1.

Inter Element correction factors (IECs) are determined annually and correction factor are applied during ICP-AES analysis.

G. Calculation:

Calculation for ICP-AES Soil Sample:

Conversion of Results from mg/L or ppm to mg/kg (Dry Weight Basis):

$$\text{Concentration (mg/kg)} = C \times \frac{Vf}{W \times S} \times DF$$

Where,

C = Instrument value in ppm (The average of all replicate exposures)
Vf = Final digestion volume (mL)
W = Initial aliquot amount (g) (Sample amount taken in prep)
S = % Solids / 100 (Fraction of Percent Solids)
DF = Dilution Factor

Example Calculation For Sample ME2922 For Aluminum :

If C = 101.9298 ppm
Vf = 100 ml
W = 1.25g
S = 0.814(81.4/100)
DF = 1

$$\text{Concentration (mg/kg)} = 101.9298 \times \frac{100}{1.25 \times 0.814} \times 1$$

$$= 10017.67 \text{ mg/kg}$$

$$= 10000 \text{ mg/kg (Reported Result with Signification)}$$

Calculation for ICP-MS Soil Sample:

Conversion of Results from µg /L or ppb to mg/kg :

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$$\text{Concentration (mg/kg)} = C \times \frac{Vf}{W \times S} \times DF / 1000$$

Where,

C = Instrument value in ppb (The average of all replicate integrations)
Vf = Final digestion volume (mL)
W = Initial aliquot amount (g) (Fraction of Sample amount taken in prep)
S = % Solids / 100 (Fraction of Percent Solids)
DF = Dilution Factor

Example Calculation For Sample ME2922 For Arsenic :

If C = 12.41 ppb
Vf = 500 ml
W = 1.16 g
S =0.814 (81.4/100)
DF = 1

$$\text{Concentration (mg/kg)} = 12.41 \times \frac{500}{1.16 \times 0.814} \times 1 / 1000$$

$$= 6.5714 \text{ mg/kg}$$

$$= 6.6 \text{ mg/kg (Reported Result with Signification)}$$

Calculation for Hg Soil Sample:

Conversion of Results from µg /L or ppb to mg/kg :

$$\text{Concentration (mg/kg)} = C \times \frac{Vf}{W \times S} \times DF / 1000$$

Where,

C = Instrument response in µg/L from the calibration curve.
Vf = Final prepared (absorbing solution) volume (mL)
W = Initial aliquot amount (g) (Fraction of Sample amount taken in prep)
S = % Solids / 100 (Fraction of Percent Solids)
DF = Dilution Factor

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Mountainside, NJ 07092

Example Calculation For Sample ME2922:

If C = 0.1539 ppb
Vf = 100 mL
W = 0.55g
S = 0.814(81.4/100)
DF = 1

$$\text{Concentration (mg/kg)} = 0.1539 \times \frac{100}{0.55 \times 0.814} \times 1 / 1000$$

$$= 0.03437 \text{ mg/kg}$$

$$= 0.034 \text{ mg/kg (Reported Result with Signification)}$$

Calculation for CN Soil Sample:

Conversion of Results from µg /L or ppb to mg/kg:

$$\text{Concentration (mg/kg)} = C \times \frac{Vf}{W \times S} \times DF / 1000$$

Where,

C = Instrument response in µg/L CN from the calibration curve.
Vf = Final prepared (absorbing solution) volume (mL)
W = Initial aliquot amount (g) (Fraction of Sample amount taken in prep)
S = % Solids / 100 (Fraction of Percent Solids)
DF = Dilution Factor

Example Calculation For Sample ME2922:

If C = 5.1766 ppb
Vf = 50 ml
W = 1.01 g
S = 0.814(81.4/100)
DF = 1

$$\text{Concentration (mg/kg)} = 5.1766 \times \frac{50}{1.01 \times 0.814} \times 1 / 1000$$

$$= 0.3148 \text{ mg/kg}$$

$$= 0.32 \text{ mg/kg (Reported Result with Signification)}$$

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H. QA/ QC

Calibrations met requirements. Interference check met requirements. Blank analyses did not indicate any presence of contamination. Laboratory Control sample was within control limits. Spike sample did meet requirements Antimony, Arsenic, Cadmium, selenium, Thallium. Duplicate sample did meet requirements. Serial Dilution did meet requirements.

Collision cell is being used to remove potential interferences. The analytes Na, Mg, Al, K, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As are being analyzed with collision cell and analytes Be, B, Ca, Ti, Se, Sr, Zr, Mo, Ag, Cd, Sn, Sb, Ba, Tl, Pb, U are being analyzed with Non-Collision Cell. Helium gas is used for the Collision Cell analysis.

Internal Standard Association for ICP-MS analysis.

Target Analyte	Associated Internal Standard
Antimony	159Tb
Arsenic	89Y
Barium	159Tb
Beryllium	6Li
Cadmium	159Tb
Chromium	45Sc
Cobalt	45Sc
Copper	45Sc
Lead	209Bi
Manganese	45Sc
Nickel	45Sc
Selenium	89Y
Silver	159Tb
Thallium	209Bi
Vanadium	45Sc

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Mountainside, NJ 07092

Zinc	45Sc

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 Director or his designee, as verified by the following signature.

Signature_____ Name: Nimisha Pandya

Date _____ Title: Document Control Officer

From: Shaeffer, Casey <Casey.Shaeffer@gdit.com>
Sent: Friday, December 27, 2024 9:57 AM
To: Mohammad Ahmed; Deepak Parmar; Sohil Jodhani
Cc: Johnson, Matthew; Bauer, Heather E; Britz, Helen; Moody, Brett; Gambrah, Derrick; Taylor, Lucinda; Myer, Shari; Patel, Bhavita; Vargas, Magda (she/her/hers; R5RSCC; Zafar, Tasmia (NE)
Subject: Region 05 | Case 51847 | Lab ACE | Issue Multiple | FINAL

Good morning,

Please see the below resolutions.

Insufficient/inappropriate designation of laboratory QC
Issue 1: There are no samples designated on the COC for laboratory QC for SDGs E2922 and ME2922. The laboratory has selected sample E2926 and ME2926 for laboratory QC. The laboratory has confirmed that the samples are not PT, blanks, or rinsate samples.
Resolution 1: Per SFAM01.1 Exhibit A, Section 5.5.4.1., the laboratory should note the issue in the SDG Narrative and proceed with analysis of the samples.

Insufficient volume
Issue 2: There is insufficient sample volume to proceed with laboratory QC for VOA analysis. Please advise on how the laboratory may proceed.
Resolution 2: Per Region 5, the laboratory may proceed without laboratory QC for VOA analysis. Please note the issue in the SDG Narrative.

Please note that the laboratory may contact the appropriate CLP PM should any defects need to be waived for this issue.

Thank you,

Casey Shaeffer

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10
Under contract to the EPA

T: (571) 454-2416
casey.shaeffer@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com

GENERAL DYNAMICS
Information Technology

Leave Alert: December 30, 2024

From: R5RSCC <R5RSCC@epa.gov>
Sent: Friday, December 27, 2024 9:36 AM
To: Zafar, Tasmia (NE) <Tasmia.Zafar@gdit.com>
Subject: RE: Region 05 | Case 51847 | Lab ACE | Issue Multiple

Good Morning Tasmia,

The lab can proceed without QC for VOAs. Per the client, the Region confirms that SEDD defects associated with laboratory QC may be waived.

Thanks,
Darcie D. Tone-Pah-Hote

Regional Sample Control Coordinator
LSASD-SQAB
U.S. EPA Region 5
77 W Jackson Blvd
Chicago, IL 60604
Cubicle #: 06078
Phone #: 312-886-4298

From: Shaeffer, Casey
Sent: Thursday, December 26, 2024 2:26 PM
To: mohammad.ahmed@alliancetg.com; deepak.parmar@alliancetg.com; Sohil Jodhani Sohil.Jodhani@AllianceTG.com
Subject: Region 05 | Case 51847 | Lab ACE | Issue Multiple

Good afternoon,

Please see resolution 1 below. Issue 2 has been provided to the Region and a resolution will be provided once it is available. Please note that the SEDD defects regarding issue 2 will be removed by DAS.

Insufficient/inappropriate designation of laboratory QC
Issue 1: There are no samples designated on the COC for laboratory QC for SDGs E2922 and ME2922. The laboratory has selected sample E2926 and ME2926 for laboratory QC. The laboratory has confirmed that the samples are not PT, blanks, or rinsate samples.
Resolution 1: Per SFAM01.1 Exhibit A, Section 5.5.4.1., the laboratory should note the issue in the SDG Narrative and proceed with analysis of the samples.

Insufficient volume

Issue 2: There is insufficient sample volume to proceed with laboratory QC for VOA analysis. Please advise on how the laboratory may proceed.

Please note that the laboratory may contact the appropriate CLP PM should any defects need to be waived for this issue.

Thank you,

Casey Shaeffer

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10
Under contract to the EPA

T: (571) 454-2416
casey.shaeffer@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com

Leave Alert: December 24, 2024 and December 30, 2024

From: Deepak Parmar Deepak.Parmar@alliancetg.com
Sent: Thursday, December 26, 2024 1:53 PM
To: Zafar, Tasmia (NE) Tasmia.Zafar@gdit.com
Cc: Sohil Jodhani Sohil.Jodhani@AllianceTG.com
Subject: RE: Region 05 | Case 51847 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC/QC

This Message Is From an External Sender

Please use caution with links, attachments, and any requests for credentials.

Hi,

Just following up on below email.

Thanks & Regards,

Deepak Parmar
QA/QC
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3154
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Shaeffer, Casey
Sent: Friday, December 27, 2024 9:06 AM
To: TonePahHote.Darcie@epa.gov
Cc: Zafar, Tasmia (NE) Tasmia.Zafar@gdit.com; R5RSCC@epa.gov
Subject: RE: Region 05 | Case 51847 | Lab ACE | Issue Multiple

Good morning,

I would like to follow up regarding the below issue from ACE. Please note that issue 1 has been resolved using an SOW resolution.

Insufficient/inappropriate designation of laboratory QC
Issue 1: There are no samples designated on the COC for laboratory QC for SDGs E2922 and ME2922. The laboratory has selected sample E2926 and ME2926 for laboratory QC. The laboratory has confirmed that the samples are not PT, blanks, or rinsate samples.
Resolution 1: Per SFAM01.1 Exhibit A, Section 5.5.4.1., the laboratory should note the issue in the SDG Narrative and proceed with analysis of the samples.

Insufficient volume
Issue 2: There is insufficient sample volume to proceed with laboratory QC for VOA analysis. Please advise on how the laboratory may proceed.

Thank you,

Casey Shaeffer

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10
Under contract to the EPA

T: (571) 454-2416
casey.shaeffer@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com

Leave Alert: December 24, 2024 and December 30, 2024

From: Shaeffer, Casey
Sent: Thursday, December 26, 2024 9:35 AM
To: 'R5RSCC@epa.gov' <R5RSCC@epa.gov>
Cc: Zafar, Tasmia (NE) <Tasmia.Zafar@gdit.com>
Subject: RE: Region 05 | Case 51847 | Lab ACE | Issue Multiple

With regards to the below email, the Region may disregard the SEDD defect inquiry from the laboratory.

Thank you,

Casey Shaeffer

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10
Under contract to the EPA

T: (571) 454-2416
casey.shaeffer@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com

Leave Alert: December 24, 2024 and December 30, 2024

From: Shaeffer, Casey <Casey.Shaeffer@gdit.com> **On Behalf Of** Zafar, Tasmia (NE)
Sent: Monday, December 23, 2024 8:33 AM
To: R5RSCC <R5RSCC@epa.gov>
Subject: Region 05 | Case 51847 | Lab ACE | Issue Multiple

Good morning,

Please see the below issues from ACE. Please note that issue one has been resolved using a SOW resolution. Additionally, would the Region please confirm if any SEDD defect associated with laboratory QC will be waived?

Insufficient/inappropriate designation of laboratory QC
Issue 1: There are no samples designated on the COC for laboratory QC for SDGs E2922 and ME2922. The laboratory has selected sample E2926 and ME2926 for laboratory QC. The laboratory has confirmed that the samples are not PT, blanks, or rinsate samples.
Resolution 1: Per SFAM01.1 Exhibit A, Section 5.5.4.1., the laboratory should note the issue in the SDG Narrative and proceed with analysis of the samples.

Insufficient volume
Issue 2: There is insufficient sample volume to proceed with laboratory QC for VOA analysis. Please advise on how the laboratory may proceed.

Thank you,

Casey Shaeffer

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10
Under contract to the EPA

T: (571) 454-2416
casey.shaeffer@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com

Leave Alert: December 24, 2024 and December 30, 2024

From: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Sent: Monday, December 23, 2024 8:50 AM
To: Zafar, Tasmia (NE) <Tasmia.Zafar@gdit.com>
Cc: Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>
Subject: Region 05 | Case 51847 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC/QC

Good morning,

Issue 1 : Two SDGs E2922 and ME2922 is open without lab QC. However, a sample was not designated for Laboratory QC. Lab like to use samples E2926 and ME2926 for Lab QC for PCB,SVOC,SVOC SIM,VOC and ICP-MS,ICP-AES ,CN and HG . there is no extra volume for soil VOC lab QC . The laboratory would like to proceed without Laboratory QC for soil VOC analysis . these samples are not blanks, rinsates or PE samples. Also, please confirm that the any SEDD defect associated to Lab QC will be considered Invalid.

Please see attachment for your reference.

Thanks & Regards,

Deepak Parmar
QA/QC
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3154
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/27/2024

OVENTEMP IN Celsius(°C): 106
Time IN: 13:50
In Date: 12/26/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:00
Out Date: 12/27/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLIDS-OVEN

QC: LB134077

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P5352-01	ME2922	1	1.11	8.88	9.99	8.34	81.4	
P5352-02	ME2924	2	1.17	8.68	9.85	7.76	75.9	
P5352-03	ME2925	3	1.15	8.62	9.77	8.01	79.6	
P5352-04	ME2926	4	1.15	8.81	9.96	8.37	82.0	
P5352-05	ME2926D	5	1.15	8.81	9.96	8.37	82.0	
P5352-06	ME2926S	6	1.15	8.81	9.96	8.37	82.0	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VJ 134077

WorkList Name : %1-p5352 **WorkList ID :** 186596 **Department :** Wet-Chemistry **Date :** 12-26-2024 08:00:11

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5352-01	ME2922	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/17/2024	Chemtech -SO
P5352-02	ME2924	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/17/2024	Chemtech -SO
P5352-03	ME2925	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/17/2024	Chemtech -SO
P5352-04	ME2926	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/17/2024	Chemtech -SO
P5352-05	ME2926D	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/17/2024	Chemtech -SO
P5352-06	ME2926S	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/17/2024	Chemtech -SO

Date/Time 12/26/24 13:00
Raw Sample Received by:
Raw Sample Relinquished by: CP SM

Date/Time 12/26/24 14:00
Raw Sample Received by: CP SM
Raw Sample Relinquished by: