SDG COVER PAGE

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

Lab Code: ACE Case No.: 51698 MA No.: SDG No.: MBHCY5

SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	Analysis Method ICP-AES	ICP-MS	Mercury	Cyanide
MBHCY5	P4497-01	X		X	X
MBHCZ5	P4497-02	X		X	X
MBHDA3	P4497-03	X		X	X
MBHDA4	P4497-04	X		X	X
MBHDA5	P4497-05	X		X	X
MBHDA6	P4497-06	X		X	X
MBHDA7	P4497-07	X		X	X
MBHDB3	P4497-08	X		X	X
MBHDB4	P4497-09	X		X	X
MBHDB5	P4497-10	X		X	X
MBHDB6	P4497-11	X		X	X
MBHDB7	P4497-12	X		X	X
MBHDB8	P4497-13	X		X	X
MBHDB9	P4497-14	X		X	X
MBHDC0	P4497-15	X		X	X
MBHDC1	P4497-16	X		X	X
MBHDC2	P4497-17	X		X	X
MBHDC8	P4497-18	X		X	X
MBHDC9	P4497-19	X		X	X
MBHDD0	P4497-20	X		X	X
MBHDD0D	P4497-21	X		X	X
MBHDD0S	P4497-22	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:

USEPA CLP COC (LAB COPY)
DateShipped: 10/22/2024
CarrierName: FedEx
AirbillNo: 779427589557

CHAIN OF CUSTODY RECORD

Case #: 51698
Cooler #: 1 of 5

No: 2-102224-0030-5005-01
Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-789-8900

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
P065-SS011-1218-02	MBHCY5	Soil/ START	Grab	Metals + Hg + Cn(180)	Q (4 C) (1)	Boring 11	10/17/2024 10:21	X
P065-SS007-1218-02	MBHCZ5	Soil/ START	Grab	Metals + Hg + Cn(180)	Q (4 C) (1)	Boring 07	10/17/2024 11:45	
P065-SS002-0006-01	MBHDA3	Soil/ START	Grab	Metals + Hg + Cn(180)	D (4 C) (1)	Boring 02	10/18/2024 10:00	
P065-SS002-0612-01	MBHDA4	Soil/ START	Grab	Metals + Hg + Cn(180)	I (4 C) (1)	Boring 02	10/18/2024 10:05	
P065-SS002-1218-01	MBHDA5	Soil/ START	Grab	Metals + Hg + Cn(180)	I (4 C) (1)	Boring 02	10/18/2024 10:10	
P065-SS002-1824-01	MBHDA6	Soil/ START	Grab	Metals + Hg + Cn(180)	I (4 C) (1)	Boring 02	10/18/2024 10:15	
P065-SS002-2430-01	MBHDA7	Soil/ START	Grab	Metals + Hg + Cn(180)	I (4 C) (1)	Boring 02	10/18/2024 10:20	
P065-SS004-0006-01	MBHDB3	Soil/ START	Grab	Metals + Hg + Cn(180)	I (4 C) (1)	Boring 04	10/17/2024 10:45	
P065-SS004-0612-01	MBHDB4	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 04	10/17/2024 10:48	
P065-SS004-1218-01	MBHDB5	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 04	10/17/2024 10:53	

Special Instructions: Please email results to s.sumbaly@westonsolutions.com and hector.rodriguez-cesani@westonsolutions.com. 21 day validated TAT.

Shipment for Case Complete? Y

Samples Transferred From Chain of Custody #

Analysis Key: Metals + Hg + Cn=TAL Metals + Hg + Cn

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples	[signature] / Start V	10-22-24/1700	Fed Ex		
			[signature]	10-23-24 0950	2-5°C IR Gun #1
					custody seals intact
					Temp blk - present

USEPA CLP COC (LAB COPY)
DateShipped: 10/22/2024
CarrierName: FedEx
AirbillNo: 779427589557

CHAIN OF CUSTODY RECORD

Case #: 51698
Cooler #: 1 of 5

No: 2-102224-0030-5005-01
Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-789-8900

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
P065-SS004-1824-01	MBHDB6	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 04	10/17/2024 10:58	
P065-SS004-2430-01	MBHDB7	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 04	10/17/2024 11:00	
P065-SS005-0006-01	MBHDB8	Soil/ START	Grab	Metals + Hg + Cn(180)	I (4 C) (1)	Boring 05	10/16/2024 14:30	
P065-SS005-0612-01	MBHDB9	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 05	10/16/2024 14:35	
P065-SS005-1218-01	MBHDC0	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 05	10/16/2024 14:40	
P065-SS005-1824-01	MBHDC1	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 05	10/16/2024 14:45	
P065-SS005-2430-01	MBHDC2	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 05	10/16/2024 14:50	
P065-SS007-0006-01	MBHDC8	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 07	10/17/2024 11:35	
P065-SS007-0612-01	MBHDC9	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 07	10/17/2024 11:40	
P065-SS007-1218-01	MBHDD0	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (2)	Boring 07	10/17/2024 11:45	

Sample(s) to be used for Lab QC: P065-SS007-1218-01 Tag M - Special Instructions: Please email results to s.sumbaly@westonsolutions.com and hector.rodriguez-cesani@westonsolutions.com. 21 day validated TAT.

Shipment for Case Complete? Y

Samples Transferred From Chain of Custody #

Analysis Key: Metals + Hg + Cn=TAL Metals + Hg + Cn

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples	START	10.22.24/1400	FedEx		
				10-23-24 0950	2-5°C IR GUN #1
					custody seals INTACT
					Temp BKL present

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 1 of 1
Received By (Print Name) George Nelson		Log-in Date **10/23/2024**
Received By (Signature)		
Case Number 51698	SDG No. MBHCY5	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.	779427589557 1
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.5 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	10/23/2024
12.Time Received	09:50

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MBHCY5	N/A	Q	P4497-01	Intact
2	MBHCZ5	N/A	Q	P4497-02	Intact
3	MBHDA3	N/A	D	P4497-03	Intact
4	MBHDA4	N/A	I	P4497-04	Intact
5	MBHDA5	N/A	I	P4497-05	Intact
6	MBHDA6	N/A	I	P4497-06	Intact
7	MBHDA7	N/A	I	P4497-07	Intact
8	MBHDB3	N/A	I	P4497-08	Intact
9	MBHDB4	N/A	M	P4497-09	Intact
10	MBHDB5	N/A	M	P4497-10	Intact
11	MBHDB6	N/A	M	P4497-11	Intact
12	MBHDB7	N/A	M	P4497-12	Intact
13	MBHDB8	N/A	I	P4497-13	Intact
14	MBHDB9	N/A	M	P4497-14	Intact
15	MBHDC0	N/A	M	P4497-15	Intact
16	MBHDC1	N/A	M	P4497-16	Intact
17	MBHDC2	N/A	M	P4497-17	Intact
18	MBHDC8	N/A	M	P4497-18	Intact
19	MBHDC9	N/A	M	P4497-19	Intact
20	MBHDD0	N/A	M	P4497-20	Intact
21	MBHDD0D	N/A	M	P4497-21	Intact
22	MBHDD0S	N/A	M	P4497-22	Intact
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	10/23/24	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.	**51698**	SDG NO.	**MBHCY5**
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	3	✓	
3 . Sample Log-In Sheet (DC-1)	4	4	✓	
4 . CSF Inventory Sheet (DC-2)	5	7	✓	
5 . SDG Narrative	8	11	✓	
6 . Communication Logs	12	16	✓	
7 . Percent Solids Log	17	19	✓	
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	20	39	✓	
9 . Instrument raw data by instrument in analysis order	40	689	✓	
Other Data				
10 . Standard and Reagent Preparation Logs	690	861	✓	
11 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	862	863	✓	
12 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	864	894	✓	
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	NA	NA	✓	
18 . Instrument raw data by instrument in analysis order	NA	NA	✓	
Other Data				
19 . Standard and Reagent Preparation Logs	NA	NA	✓	
20 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	NA	NA	✓	
21 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	NA	NA	✓	
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	895	914	✓	
27. Instrument raw data by instrument in analysis order	915	917	✓	
Other Data				
28. Standard and Reagent Preparation Logs	918	944	✓	
29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	945	946	✓	
30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	947	951	✓	
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	952	971	✓	
36. Instrument raw data by instrument in analysis order	972	976	✓	
Other Data				
37. Standard and Reagent Preparation Logs	977	1006	✓	
38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	1007	1008	✓	
39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	1009	1012	✓	
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)	1013	1013	✓	
Sample Tags	NA	NA	✓	
Sample Log-In Sheet (Lab)	1014	1016	✓	
45. Misc. Shipping/Receiving Records (list all individual records)				
	NA	NA	✓	
46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)				
	1017	1022	✓	
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 # MBHCY5
CASE # 51698
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # P4497

A. Number of Samples and Date of Receipt

20 Soil samples were delivered to the laboratory intact on 10/23/2024.

B. Parameters

Test requested for Metals CLP Full = Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Mercury, Cyanide.

C. Cooler Temp

Indicator Bottle**: Presence/**Absence

Cooler: 2.5^{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: Sample MBHCY5 is listed on the attached COC but was not received at the laboratory. The laboratory received three sample jars instead of two as listed on the attached COC for sample MBHDF0. One of the jars did not have any sample collection date and time listed on the label or the COC (see attached picture).

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 Region 2, the extra jar received for sample MBHDF0 is for sample MBHCY5. The correct sample ID for the extra jar is P065-SS011-1218-02. Please note the issue in the SDG Narrative and proceed with the 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 MBHCY5 For Antimony:

If C = 0.0072445 ppm
Vf = 100 ml
W = 1.20g
S = 0.812(81.2/100)
DF = 1

$$\text{Concentration (mg/kg)} = 0.0072445 \times \frac{100}{1.20 \times 0.812} \times 1$$

$$= 0.743483 \text{ mg/kg}$$

$$= 0.74 \text{ mg/kg (Reported Result with Signification)}$$

Calculation for Hg Soil Sample:

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

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Mountainside, NJ 07092

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

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

Example Calculation For Sample MBHCY5:

If C =0.3909 ppb
Vf = 100 mL
W = 0.52g
S = 0.812(81.2/100)
DF = 1

$$\text{Concentration (mg/kg)} = 0.3909 \times \frac{100}{0.52 \times 0.812} \times 1 / 1000$$

$$= 0.092577 \text{ mg/kg}$$

$$= 0.093 \text{ mg/kg (Reported Result with Signification)}$$

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 MBHCY5:

If C = 6.761 ppb
Vf = 50 ml
W = 1.02 g
S = 0.812(81.2/100)

284 Sheffield Street
Mountainside, NJ 07092

DF = 1

$$\text{Concentration (mg/kg)} = 6.761 \times \frac{50}{1.02 \times 0.812} \times 1 / 1000$$

$$= 0.40815 \text{ mg/kg}$$

$$= 0.41 \text{ mg/kg (Reported Result with Signification)}$$

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 except for Antimony, Arsenic, Nickel, Selenium, Silver, Thallium, Zinc, Mercury. Duplicate sample did meet requirements except for Barium, Calcium, Chromium, Lead, Magnesium, Manganese, Nickel, Sodium, Vanadium, Zinc . Serial Dilution did meet requirements.

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: Bett, Daisy <Daisy.Bett@gdit.com>
Sent: Friday, October 25, 2024 1:27 PM
To: Deepak Parmar; Sohil Jodhani; Mohammad Ahmed
Cc: Leung.christina@epa.gov; Feranda, Jennifer; Brandon-Bazile, Kim; Bauer, Heather E; Johnson, Matthew
Subject: Region 02 | Case 51698 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC | FINAL
Attachments: 20241023_115109.jpg; SKM_95824102311460.pdf

Good afternoon,

Issue: Sample MBHCY5 is listed on the attached COC but was not received at the laboratory. The laboratory received three sample jars instead of two as listed on the attached COC for sample MBHDF0. One of the jars did not have any sample collection date and time listed on the label or the COC (see attached picture).
Resolution: Per Region 2, the extra jar received for sample MBHDF0 is for sample MBHCY5. The correct sample ID for the extra jar is P065-SS011-1218-02. Please note the issue in the SDG Narrative and proceed with the analysis of the samples.

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

Thank you,
Daisy Bett
Research Analyst Associate
GDIT Federal Civilian Division
EPA Region 2&3 CLP QSS Coordinator
Under contract to the EPA

T: 571.454.0186
daisy.bett@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com

GENERAL DYNAMICS
information technology

Leave alert: Nov 4th - 8th

From: Leung, Christina (she/her/hers) <Leung.Christina@epa.gov>
Sent: Friday, October 25, 2024 8:10 AM
To: Bett, Daisy <Daisy.Bett@gdit.com>
Cc: Feranda, Jennifer <Feranda.Jennifer@epa.gov>; Brandon-Bazile, Kim <Brandon-Bazile.Kim@epa.gov>
Subject: FW: [EXT]:FW: Region 02 | Case 51698 | Lab ACE | Issue Documentation

Hi Daisy,

Please see sampler's response below.

Regards,

Christina Leung
Regional Sample Control Center (RSCC)
USEPA Region 2
LSASD-HWSB-HWSS
732-906-6995
Leung.christina@epa.gov
Updated CLPSS Address: https://clpss.epa.gov/uaa/login

From: Sumbaly, Smita <S.Sumbaly@WestonSolutions.com>
Sent: Friday, October 25, 2024 7:32 AM
To: Leung, Christina (she/her/hers) <Leung.Christina@epa.gov>; david.benoit@westonsolutions.com; Hector.Rodriguez-Cesani <Hector.Rodriguez-Cesani@WestonSolutions.com>; Michael Lang <Michael.Lang@WestonSolutions.com>; Gaughan, Daniel <Gaughan.Daniel@epa.gov>
Cc: Feranda, Jennifer <Feranda.Jennifer@epa.gov>; Brandon-Bazile, Kim <Brandon-Bazile.Kim@epa.gov>
Subject: RE: [EXT]:FW: Region 02 | Case 51698 | Lab ACE | Issue Documentation

Good Morning!

See below response form SPM

For Issue1: Sample MBHCY5 mentioned on COC however sample not received with the shipment. Sample MBHDF0 received three Jar Instead of two one of the jar did not have sample collection date and time. please let us know how to proceed ?

For this issue one of the three jars should be MBHCY5. – it should be the sample P065-SS011-1218-02

Smita

From: Leung, Christina (she/her/hers) <Leung.Christina@epa.gov>
Sent: Thursday, October 24, 2024 8:22 PM
To: Benoit, David <David.Benoit@WestonSolutions.com>; Sumbaly, Smita <S.Sumbaly@WestonSolutions.com>; Rodriguez-Cesani, Hector <Hector.Rodriguez-Cesani@WestonSolutions.com>; Lang, Michael <Michael.Lang@WestonSolutions.com>; Gaughan, Daniel <Gaughan.Daniel@epa.gov>
Cc: Feranda, Jennifer <Feranda.Jennifer@epa.gov>; Brandon-Bazile, Kim <Brandon-Bazile.Kim@epa.gov>
Subject: [EXT]:FW: Region 02 | Case 51698 | Lab ACE | Issue Documentation

Hi Smita,

Could you please advise.

Regards,

Christina Leung
Regional Sample Control Center (RSCC)
USEPA Region 2
LSASD-HWSB-HWSS
732-906-6995
Leung.christina@epa.gov
Updated CLPSS Address: https://clpss.epa.gov/uaa/login

From: Bett, Daisy <Daisy.Bett@gdit.com>
Sent: Thursday, October 24, 2024 1:28 PM
To: Leung, Christina (she/her/hers) <Leung.Christina@epa.gov>
Cc: Feranda, Jennifer <Feranda.Jennifer@epa.gov>; Brandon-Bazile, Kim <Brandon-Bazile.Kim@epa.gov>
Subject: Region 02 | Case 51793 | Lab ACE | Issue Documentation

Good afternoon,

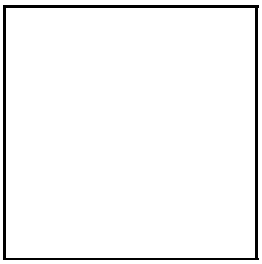
Please see the below issues from ACE.

Samples/analyses listed on COC but not received at laboratory
Issue 1: Sample MBHCY5 is listed on the attached COC but was not received at the laboratory.

Discrepancies with tags, jars, and/or COC
Issue 2: The laboratory received three sample jars instead of two as listed on the attached COC for sample MBHDF0. One of the jars did not have any sample collection date and time listed on the label or the COC (see attached picture). The laboratory would like to know how to proceed.

Thank you,
Daisy Bett
Research Analyst Associate
GDIT Federal Civilian Division
EPA Region 2&3 CLP QSS Coordinator
Under contract to the EPA

T: 571.454.0186
daisy.bett@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com



GENERAL DYNAMICS
information technology

Leave alert: Nov 4th - 8th

From: Zakari, Makki <Makki.Zakari@gdit.com>
Sent: Thursday, October 24, 2024 10:13 AM
To: Bett, Daisy <Daisy.Bett@gdit.com>
Subject: FW: Region 2 | Case 51793 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

Makki Zakari
Business Process Analyst
GDIT Federal Civilian Division
Under contract to the EPA

T: 703-995-3752
Makki.Zakari@gdit.com
15036 Conference Center Drive,
Chantilly, VA 20151
www.gdit.com

GENERAL DYNAMICS
information technology

Leave Alert: N/A

From: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Sent: Wednesday, October 23, 2024 12:08 PM
To: Zakari, Makki <Makki.Zakari@gdit.com>
Cc: Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>
Subject: Region 2 | Case 51793 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

Hello Makki,

Samples received under this case has below discrepancies,

Issue1: Sample MBHCY5 mentioned on COC however sample not received with the shipment. Sample MBHDF0 received three Jar Instead of two one of the jar did not have sample collection date and time. please let us know how to proceed ?

Please see attachment for your reference.

Thanks & Regards,

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

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/29/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 12:35
In Date: 10/28/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 07:45
Out Date: 10/29/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133161

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
P4497-01	MBHCY5	1	1.15	8.39	9.54	7.96	81.2	
P4497-02	MBHCZ5	2	1.16	8.50	9.66	8.56	87.1	
P4497-03	MBHDA3	3	1.18	8.44	9.62	8.66	88.6	
P4497-04	MBHDA4	4	1.15	8.53	9.68	8.25	83.2	
P4497-05	MBHDA5	5	1.19	8.62	9.81	8.51	84.9	
P4497-06	MBHDA6	6	1.13	8.75	9.88	8.48	84.0	
P4497-07	MBHDA7	7	1.15	8.41	9.56	8.00	81.5	
P4497-08	MBHDB3	8	1.16	8.71	9.87	8.85	88.3	
P4497-09	MBHDB4	9	1.14	8.62	9.76	8.28	82.8	
P4497-10	MBHDB5	10	1.13	8.74	9.87	8.68	86.4	
P4497-11	MBHDB6	11	1.18	8.43	9.61	8.32	84.7	
P4497-12	MBHDB7	12	1.18	8.63	9.81	8.4	83.7	
P4497-13	MBHDB8	13	1.12	8.72	9.84	8.97	90.0	
P4497-14	MBHDB9	14	1.15	8.74	9.89	8.83	87.9	
P4497-15	MBHDC0	15	1.19	8.54	9.73	8.46	85.1	
P4497-16	MBHDC1	16	1.16	8.48	9.64	8.11	82.0	
P4497-17	MBHDC2	17	1.19	8.52	9.71	8.42	84.9	
P4497-18	MBHDC8	18	1.19	8.42	9.61	8.97	92.4	
P4497-19	MBHDC9	19	1.18	8.50	9.68	8.91	90.9	
P4497-20	MBHDD0	20	1.17	8.53	9.7	8.37	84.4	
P4497-21	MBHDD0D	21	1.17	8.53	9.7	8.37	84.4	
P4497-22	MBHDD0S	22	1.17	8.53	9.7	8.37	84.4	

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

WORKLIST(Hardcopy Internal Chain)

WP B316)

WorkList Name : %1-P4497 **WorkList ID :** 184861 **Department :** Wet-Chemistry **Date :** 10-28-2024 09:19:26

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4497-01	MBHCY5	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4497-02	MBHCZ5	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4497-03	MBHDA3	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4497-04	MBHDA4	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/18/2024	Chemtech -SO
P4497-05	MBHDA5	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/18/2024	Chemtech -SO
P4497-06	MBHDA6	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/18/2024	Chemtech -SO
P4497-07	MBHDA7	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/18/2024	Chemtech -SO
P4497-08	MBHDB3	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/18/2024	Chemtech -SO
P4497-09	MBHDB4	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4497-10	MBHDB5	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4497-11	MBHDB6	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4497-12	MBHDB7	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4497-13	MBHDB8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4497-14	MBHDB9	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/16/2024	Chemtech -SO
P4497-15	MBHDC0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/16/2024	Chemtech -SO
P4497-16	MBHDC1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/16/2024	Chemtech -SO
P4497-17	MBHDC2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/16/2024	Chemtech -SO
P4497-18	MBHDC8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/16/2024	Chemtech -SO
P4497-19	MBHDC9	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4497-20	MBHDD0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4497-21	MBHDD0D	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO

Date/Time 10/28/24 12:00

Raw Sample Received by: [illegible] (WC)

Raw Sample Relinquished by: JDCSM

Date/Time 10/28/24 12:40

Raw Sample Received by: JDCSM

Raw Sample Relinquished by: [illegible] (WC)

WORKLIST(Hardcopy Internal Chain)

VB 13316)

WorkList Name : %1-P4497 **WorkList ID :** 184861 **Department :** Wet-Chemistry **Date :** 10-28-2024 09:19:26

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4497-22	MBHDD0S	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO

Date/Time 10/28/24 12:00
Raw Sample Received by: SO WPC
Raw Sample Relinquished by: JD CSM

Date/Time 10/28/24 1240
Raw Sample Received by: JD CSM
Raw Sample Relinquished by: SO WPC