SDG COVER PAGE

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

Lab Code: ACE Case No.: 51716 MA No.: SDG No.: MC0PI2

SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	Analysis Method ICP-AES	ICP-MS	Mercury	Cyanide
MC0PI2	P4607-01	X		X	
MC0PI6	P4607-02	X		X	
MC0PI7	P4607-03	X		X	
MC0PI8	P4607-04	X		X	
MC0PI9	P4607-05	X		X	
MCC0P0	P4607-06	X		X	
MCC0P1	P4607-07	X		X	
MCC0P2	P4607-08	X		X	
MCC0P3	P4607-09	X		X	
MCC0P4	P4607-10	X		X	
MCC0P5	P4607-11	X		X	
MCC0P6	P4607-12	X		X	
MCC0P7	P4607-13	X		X	
MCC0P8	P4607-14	X		X	
MCC0P9	P4607-15	X		X	
MCC0Q0	P4607-16	X		X	
MCC0Q1	P4607-17	X		X	
MCC0Q2	P4607-18	X		X	
MCC0Q3	P4607-19	X		X	
MCC0R7	P4607-20	X		X	
MCC0R7D	P4607-21	X		X	
MCC0R7S	P4607-22	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 # MC0PI2

USEPA CLP COC (LAB COPY)

DateShipped: 10/28/2024
CarrierName: FedEx
AirbillNo: 7795 7224 5224

CHAIN OF CUSTODY RECORD

Case #: 51716
Cooler #: Metals 2

No: 3-102824-135035-0006

Lab: Alliance Technical Group, LLC
Lab Contact: Yazmeen Gomez
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
PDA-SB01-20241022	MC0PI2	Soil/ START	Grab	ICP-AES(21)	1022 (<6C) (1)	SB01	10/22/2024 09:15	
PDA-SB20-20241022	MC0PI6	Soil/ START	Grab	ICP-AES(21)	1036 (<6C) (1)	SB20	10/22/2024 10:10	
PDA-SS20-20241022	MC0PI7	Soil/ START	Grab	ICP-AES(21)	1039 (<6C) (1)	SS20	10/22/2024 10:10	
PDA-DUP01-20241022	MC0PI8	Soil/ START	Grab	ICP-AES(21)	1042 (<6C) (1)	DUP01	10/22/2024 12:00	
PDA-SB03-20241022	MC0PI9	Soil/ START	Grab	ICP-AES(21)	1045 (<6C) (1)	SB03	10/22/2024 11:00	
PDA-SS03-20241022	MCC0P0	Soil/ START	Grab	ICP-AES(21)	1048 (<6C) (1)	SS03	10/22/2024 11:00	
PDA-SB04-20241022	MCC0P1	Soil/ START	Grab	ICP-AES(21)	1051 (<6C) (1)	SB04	10/22/2024 11:55	
PDA-SS04-20241022	MCC0P2	Soil/ START	Grab	ICP-AES(21)	1054 (<6C) (1)	SS04	10/22/2024 11:55	
PDA-SB05-20241022	MCC0P3	Soil/ START	Grab	ICP-AES(21)	1057 (<6C) (1)	SB05	10/22/2024 12:50	
PDA-SS05-20241022	MCC0P4	Soil/ START	Grab	ICP-AES(21)	1060 (<6C) (1)	SS05	10/22/2024 12:50	

Special Instructions:	**Shipment for Case Complete? N**
	Samples Transferred From Chain of Custody #
Analysis Key: ICP-AES=CLP ICP-AES Metals + Hg	

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	John Shah START	10/28/24 1655		10-29-24 0955	2.2°C Ice Gun #1
					custody seals intact
					Temp Blk present

68HERH20D0011

SDG # MC0PI2

USEPA CLP COC (LAB COPY)
DateShipped: 10/28/2024
CarrierName: FedEx
AirbillNo: 7795 7224 5224

CHAIN OF CUSTODY RECORD

Case #: 51716
Cooler #: Metals 2

No: 3-102824-135035-0006
Lab: Alliance Technical Group, LLC
Lab Contact: Yazmeen Gomez
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
PDA-SB06-20241022	MCC0P5	Soil/ START	Grab	ICP-AES(21)	1063 (<6C) (1)	SB06	10/22/2024 13:55	
PDA-SS06-20241022	MCC0P6	Soil/ START	Grab	ICP-AES(21)	1066 (<6C) (1)	SS06	10/22/2024 13:55	
PDA-SB07-20241022	MCC0P7	Soil/ START	Grab	ICP-AES(21)	1069 (<6C) (1)	SB07	10/22/2024 14:35	
PDA-SS07-20241022	MCC0P8	Soil/ START	Grab	ICP-AES(21)	1072 (<6C) (1)	SS07	10/22/2024 14:35	
PDA-SB08-20241022	MCC0P9	Soil/ START	Grab	ICP-AES(21)	1075 (<6C) (1)	SB08	10/22/2024 15:15	
PDA-SS08-20241022	MCC0Q0	Soil/ START	Grab	ICP-AES(21)	1078 (<6C) (1)	SS08	10/22/2024 15:15	
PDA-SB09-20241022	MCC0Q1	Soil/ START	Grab	ICP-AES(21)	1081 (<6C) (1)	SB09	10/22/2024 15:50	
PDA-SS09-20241022	MCC0Q2	Soil/ START	Grab	ICP-AES(21)	1084 (<6C) (1)	SS09	10/22/2024 15:50	
PDA-SS10-20241022	MCC0Q3	Soil/ START	Grab	ICP-AES(21)	1087 (<6C) (1)	SS10	10/22/2024 16:15	

Special Instructions:

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ICP-AES=CLP ICP-AES Metals + Hg

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	John Shirk START	10/28/24 1655		10-29-24 0955	2-2°C IR Gun #1
					custody seals intact
					Temp blk present

USEPA CLP COC (LAB COPY)
DateShipped: 10/28/2024
CarrierName: FedEx
AirbillNo: 7795 7250 1072

CHAIN OF CUSTODY RECORD

Case #: 51716
Cooler #: Metals 2

No: 3-102824-140023-0007
Lab: Alliance Technical Group, LLC
Lab Contact: Yazmeen Gomez
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
PDA-SS16-20241023	MCC0R2	Soil/ START	Grab	ICP-AES(21)	1114 (<6C) (1) ✓	SS16	10/23/2024 13:45	
PDA-SB16-20241023	MCC0R3	Soil/ START	Grab	ICP-AES(21)	1117 (<6C) (1) ✓	SB16	10/23/2024 13:45	
PDA-DUP04-20241023	MCC0R4	Soil/ START	Grab	ICP-AES(21)	1120 (<6C) (1) ✓	DUP04	10/23/2024 12:00	
PDA-SB02-20241023	MCC0R5	Soil/ START	Grab	ICP-AES(21)	1123 (<6C) (1) ✓	SB02	10/23/2024 14:45	
PDA-SS02-20241023	MCC0R6	Soil/ START	Grab	ICP-AES(21)	1126 ✓ (<6C), 1140 ✓ (<6C) (2)	SS02	10/23/2024 14:45	
PDA-SB21-20241023	MCC0R7	Soil/ START	Grab	ICP-AES(21)	1129 ✓ (<6C), 1145 ✓ (<6C) (2)	SB21	10/23/2024 15:34	✓ (1)
PDA-SS21-20241023	MCC0R8	Soil/ START	Grab	ICP-AES(21)	1132 ✓ (<6C) (1)	SS21	10/23/2024 15:34	

Sample(s) to be used for Lab QC: PDA-SS02-20241023 Tag 1140, PDA-SB21-20241023 Tag 1145

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ICP-AES=CLP ICP-AES Metals + Hg

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	John Shuler START	10/28/24 1650		955 10-29-24	IR-Gun #1 2.4° C
					Custody Seal Intact
					Temp Blank present

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 1 of 2
Received By (Print Name) Gayaravan Ritu		Log-in Date 10/29/2024
Received By (Signature)		
Case Number 51716	SDG No. MC0PI2	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.	779572245224 1
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.2 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	10/29/2024
12.Time Received	09:55

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MC0PI2	N/A	1022	P4607-01	Intact
2	MC0PI6	N/A	1036	P4607-02	Intact
3	MC0PI7	N/A	1039	P4607-03	Intact
4	MC0PI8	N/A	1042	P4607-04	Intact
5	MC0PI9	N/A	1045	P4607-05	Intact
6	MCC0P0	N/A	1048	P4607-06	Intact
7	MCC0P1	N/A	1051	P4607-07	Intact
8	MCC0P2	N/A	1054	P4607-08	Intact
9	MCC0P3	N/A	1057	P4607-09	Intact
10	MCC0P4	N/A	1060	P4607-10	Intact
11	MCC0P5	N/A	1063	P4607-11	Intact
12	MCC0P6	N/A	1066	P4607-12	Intact
13	MCC0P7	N/A	1069	P4607-13	Intact
14	MCC0P8	N/A	1072	P4607-14	Intact
15	MCC0P9	N/A	1075	P4607-15	Intact
16	MCC0Q0	N/A	1078	P4607-16	Intact
17	MCC0Q1	N/A	1081	P4607-17	Intact
18	MCC0Q2	N/A	1084	P4607-18	Intact
19	MCC0Q3	N/A	1087	P4607-19	Intact
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	10/29/24	Logbook Page No.	N/A

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 2 of 2
Received By (Print Name) Cassandra Rice		Log-in Date **10/29/2024**
Received By (Signature)		
Case Number 51716	SDG No. MC0PI2	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.	779572501072 2
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.4 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	10/29/2024
12.Time Received	09:55

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MCC0R7	N/A	1129,1145	P4607-20	Intact
2	MCC0R7D	N/A	1129,1145	P4607-21	Intact
3	MCC0R7S	N/A	1129,1145	P4607-22	Intact
4	N/A	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A	N/A
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	10/29/24	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.	**51716**	SDG NO.	**MC0PI2**
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	4	✓	
3 . Sample Log-In Sheet (DC-1)	5	6	✓	
4 . CSF Inventory Sheet (DC-2)	7	9	✓	
5 . SDG Narrative	10	12	✓	
6 . Communication Logs	13	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	38	✓	
9 . Instrument raw data by instrument in analysis order	39	497	✓	
Other Data				
10 . Standard and Reagent Preparation Logs	498	641	✓	
11 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	642	643	✓	
12 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	644	663	✓	
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	664	682	✓	
27. Instrument raw data by instrument in analysis order	683	685	✓	
Other Data				
28. Standard and Reagent Preparation Logs	686	714	✓	
29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	715	716	✓	
30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	717	720	✓	
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	NA	NA	✓	
36. Instrument raw data by instrument in analysis order	NA	NA	✓	
Other Data				
37. Standard and Reagent Preparation Logs	NA	NA	✓	
38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	NA	NA	✓	
39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	NA	NA	✓	
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 2)	721	722	✓	
Sample Tags	NA	NA	✓	
Sample Log-In Sheet (Lab)	723	725	✓	
45. Misc. Shipping/Receiving Records (list all individual records)				
	NA	NA	✓	
46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)				
	726	729	✓	
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 # MC0PI2
CASE # 51716
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # P4607

A. Number of Samples and Date of Receipt

19 Soil samples were delivered to the laboratory intact on 10/29/2024

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.

C. Cooler Temp

Indicator Bottle**: Presence/**Absence

Cooler: 2.2^{o}C, 2.4^{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: The laboratory received sample MCC0P0 in two separate coolers and the sample is listed in both attached COCs.

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.

Resolution 2: Per Region 3, a revised COC will be provided as soon as possible. The laboratory should place sample MCC0P0 in SDG MCC0P0, note the issue in the SDG Narrative and proceed with the analysis of the samples.

284 Sheffield Street
Mountainside, NJ 07092

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 MC0PI2 For Antimony:

If C = 0.0386378 ppm
Vf = 100 ml
W = 1.43 g
S = 0.947(94.7/100)
DF = 1

$$\text{Concentration (mg/kg)} = 0.0386378 \times \frac{100}{1.43 \times 0.947} \times 1$$

$$= 2.85316 \text{ mg/kg}$$

$$= 2.9 \text{ mg/kg (Reported Result with Signification)}$$

Calculation for Hg Soil Sample:

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

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

284 Sheffield Street
Mountainside, NJ 07092

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 MC0PI2:

If C = 6.3367 ppb
Vf = 100 mL
W = 0.54g
S = 0.947(94.7/100)
DF = 1

$$\text{Concentration (mg/kg)} = 6.3367 \times \frac{100}{0.54 \times 0.947} \times 1 / 1000$$

$$= 1.239137 \text{ mg/kg}$$

$$= 1.2 \text{ mg/kg (Reported Result with Signification)}$$

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 Lead, Manganese, Selenium, Silver, Thallium, and Zinc. Duplicate sample did meet requirements except for Aluminum, Chromium, Iron, Manganese, Vanadium, and 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: Tuesday, November 19, 2024 3:16 PM
To: Sohil Jodhani; Deepak Parmar; Mohammad Ahmed
Cc: burman.jarmael@epa.gov; Roberson, Sharon; Bauer, Heather E; Johnson, Matthew
Subject: Region 03 | Case 51716 | Lab ACE | Issue Incorrect/duplicated sample IDs | FINAL
Attachments: P4607-TR.pdf; P4608-TR.pdf

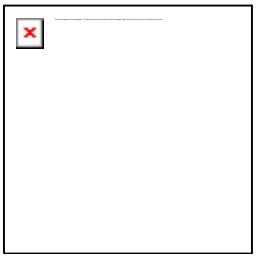
Good afternoon,

Issue: The laboratory received sample MCC0P0 in two separate coolers and the sample is listed in both attached COCs.
Resolution: Per Region 3, a revised COC will be provided as soon as possible. The laboratory should place sample MCC0P0 in SDG MCC0P0, 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 29th

From: Burman, Jarmael <Burman.Jarmael@epa.gov>
Sent: Tuesday, November 19, 2024 1:48 PM
To: Bett, Daisy <Daisy.Bett@gdit.com>
Cc: Roberson, Sharon <Roberson.Sharon@epa.gov>
Subject: RE: NEW ISSUE | Case 51716 | Lab ACE | Issue Incorrect/duplicated sample IDs

Good afternoon Daisy,

Have ACE make note of the issue in their SDG Narrative, proceed with the analysis of the samples, placing Sample MCC0P0 in SDG MCC0P0. I will email revised COCs as soon as possible.

Jarmael Burman
US EPA Region 3 - CLP RR/RSCC/DDS/QA Chemist/DAS PO/EEOC
701 Mapes Road
Fort Meade, Maryland 20755-5350
(410) 305-2743 (office)
(410) 305-3095 (fax)

From: Bett, Daisy <Daisy.Bett@gdit.com>
Sent: Tuesday, November 19, 2024 1:21 PM
To: Burman, Jarmael <Burman.Jarmael@epa.gov>
Cc: Roberson, Sharon <Roberson.Sharon@epa.gov>
Subject: NEW ISSUE | Case 51716 | Lab ACE | Issue Incorrect/duplicated sample IDs
Importance: High

Good afternoon Jay,

Please see the below issue from ACE.

Issue: The laboratory received sample MCC0P0 in two seperate coolers and the sample is listed in both attached COCs. 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

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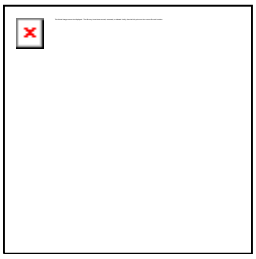

GENERAL DYNAMICS
Information Technology

Leave alert: Nov 29th

From: Sohil Jodhani <Sohil.Jodhani@alliancetg.com>
Sent: Tuesday, November 19, 2024 9:07 AM
To: Bett, Daisy <Daisy.Bett@gdit.com>
Cc: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Deepak Parmar <Deepak.Parmar@AllianceTG.com>
Subject: REGION 3 | CASE 51716 | LAB ACE | SDG E27G9 | SOW SFAM-ORG | CONTRACT 68HERH20D0011 | ISSUE DASS SUPPORT

Hello,

Lab has received sample MCC0P0 in two different coolers as you can see attached two COCs therefore lab would like to confirm that the how should lab proceed with this sample. The two SDGs are affected by this sample and the SDGS are due today.

Thanks & Regards,

Alliance TECHNICAL GROUP
Sohil Jodhani
QA/QC Director
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3152
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/30/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 15:35
In Date: 10/29/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 10/30/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLIDS-OVEN

QC: LB133202

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
P4607-01	MC0PI2	1	1.18	8.42	9.6	9.15	94.7	
P4607-02	MC0PI6	2	1.14	8.64	9.78	8.53	85.5	
P4607-03	MC0PI7	3	1.17	8.65	9.82	9.06	91.2	
P4607-04	MC0PI8	4	1.15	8.84	9.99	8.31	81.0	
P4607-05	MC0PI9	5	1.18	8.63	9.81	8.68	86.9	
P4607-06	MCC0P0	6	1.15	8.57	9.72	9.1	92.8	
P4607-07	MCC0P1	7	1.13	8.70	9.83	9.42	95.3	
P4607-08	MCC0P2	8	1.15	8.78	9.93	9.58	96.0	
P4607-09	MCC0P3	9	1.13	8.61	9.74	8.68	87.7	
P4607-10	MCC0P4	10	1.14	8.41	9.55	9.17	95.5	
P4607-11	MCC0P5	11	1.17	8.55	9.72	8.77	88.9	
P4607-12	MCC0P6	12	1.14	8.64	9.78	9.11	92.2	
P4607-13	MCC0P7	13	1.18	8.33	9.51	8.51	88.0	
P4607-14	MCC0P8	14	1.18	8.57	9.75	8.71	87.9	
P4607-15	MCC0P9	15	1.15	8.56	9.71	8.71	88.3	
P4607-16	MCC0Q0	16	1.16	8.40	9.56	8.7	89.8	
P4607-17	MCC0Q1	17	1.17	8.53	9.7	8.68	88.0	
P4607-18	MCC0Q2	18	1.13	8.54	9.67	8.43	85.5	
P4607-19	MCC0Q3	19	1.13	8.47	9.6	6.8	66.9	
P4607-20	MCC0R7	20	1.15	8.37	9.52	7.95	81.2	
P4607-21	MCC0R7D	21	1.15	8.37	9.52	7.95	81.2	
P4607-22	MCC0R7S	22	1.15	8.37	9.52	7.95	81.2	

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

WORKLIST(Hardcopy Internal Chain)

VB 133202

WorkList Name : %1-p4607 **WorkList ID :** 184945 **Department :** Wet-Chemistry **Date :** 10-29-2024 13:43:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4607-01	MC0PI2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-02	MC0PI6	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-03	MC0PI7	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-04	MC0PI8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-05	MC0PI9	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-06	MCC0P0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-07	MCC0P1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-08	MCC0P2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-09	MCC0P3	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-10	MCC0P4	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-11	MCC0P5	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-12	MCC0P6	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-13	MCC0P7	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-14	MCC0P8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-15	MCC0P9	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-16	MCC0Q0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-17	MCC0Q1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-18	MCC0Q2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-19	MCC0Q3	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-20	MCC0R7	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/22/2024	Chemtech -SO
P4607-21	MCC0R7D	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/23/2024	Chemtech -SO

Date/Time 10/29/24 13:40

Raw Sample Received by: JD GD

Raw Sample Relinquished by: RM SM

Date/Time 10/29/24 JD 14:40 15:40

Raw Sample Received by: RM SM

Raw Sample Relinquished by: JD Cooler

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-p4607 **WorkList ID :** 184945 **Department :** Wet-Chemistry **Date :** 10-29-2024 13:43:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4607-22	MCC0R7S	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	10/23/2024	Chemtech -SO

Date/Time 10/29/24 13:40
Raw Sample Received by: [illegible]
Raw Sample Relinquished by: [illegible]

Date/Time 10/29/24 15:40
Raw Sample Received by: [illegible]
Raw Sample Relinquished by: [illegible]