SDG COVER PAGE

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

Lab Code: ACE Case No.: 51821 MA No.: SDG No.: MJNKL4

SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	Analysis Method ICP-AES	ICP-MS	Mercury	Cyanide
MJNKL4	P5158-01		X		
MJNKL4D	P5158-02		X		
MJNKL4S	P5158-03		X		
MJNKL5	P5158-04		X		
MJNKM5	P5158-05		X		
MJNKM6	P5158-06		X		
MJNKP8	P5158-07		X		
MJNKP9	P5158-08		X		
MJNKQ0	P5158-09		X		
MJNKQ1	P5158-10		X		
MJNKQ2	P5158-11		X		
MJNKQ8	P5158-12		X		
MJNL17	P5158-13		X		
MJNL18	P5158-14		X		
MJNL19	P5158-15		X		
MJNL49	P5158-16		X		
MJNL62	P5158-17		X		
MJNL63	P5158-18		X		
MJNL71	P5158-19		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 # MJNKL4

USEPA CLP COC (LAB COPY)
DateShipped: 12/5/2024
CarrierName: FedEx
AirbillNo: 7705 3089 3078

CHAIN OF CUSTODY RECORD

Case #: 51821
Cooler #: 3

No: 10-120524-143102-0004
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
MJNKL4	MJNKL4	Sediment/ CT	Grab	ICP-MS(21)/PR	1396 (< 6 C) (1)	OU6-CS-YB02-0.0-1.0	12/03/2024 12:45	1-Qe
MJNKL5	MJNKL5	Sediment/ CT	Grab	ICP-MS(21)/PR	1397 (< 6 C) (1)	OU6-CS-YB02-0.0-1.0-FD	12/03/2024 12:45	L
MJNKM5	MJNKM5	Sediment/ LV	Grab	ICP-MS(21)/PR	1407 (< 6 C) (1)	OU6-CS-YB03-0.0-1.0	12/03/2024 15:25	3
MJNKM6	MJNKM6	Sediment/ CT	Grab	ICP-MS(21)/PR	1408 (< 6 C) (1)	OU6-CS-YB03-1.0-2.0	12/03/2024 15:30	4
MJNKP7	MJNKP7	Sediment/ LV	Grab	ICP-MS(21)/PR	1234 (< 6 C) (1)	OU6-CS-YB05-0.0-1.0	12/04/2024 10:10	.
MJNKP8	MJNKP8	Sediment/ LV	Grab	ICP-MS(21)/PR	1430 (< 6 C) (1)	OU6-CS-YB05-0.0-1.0-FD	12/04/2024 10:10	5
MJNKP9	MJNKP9	Sediment/ LV	Grab	ICP-MS(21)/PR	1431 (< 6 C) (1)	OU6-CS-YB05-1.0-2.0	12/04/2024 10:20	6
MJNLH1	MJNLH1	Sediment/ CT	Composite	TCLP-Metals(21)/PR	1241 (< 6 C) (1)	OU6-CS-YB02-0.0-1.4	12/03/2024 13:15	8
MJNLH2	MJNLH2	Sediment/ HH	Composite	TCLP-Metals(21)/PR	1242 (< 6 C) (1)	OU6-CS-YB05-0.0-2.0	12/04/2024 11:17	9

Sample(s) to be used for Lab QC: MJNKL4 Tag 1396, MJNKP7 Tag 1234 0543494, 0543497

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ICP-MS=CLP Metals (As, Cu, Pb, Zn)-Sediment, TCLP-Metals=CLP TCLP Metals (As, Ba, Cd, Cr,Pb,Se,Ag, Hg)-Sed

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	Jacobs	12/5/24 1600		1010 12-6-24	IR-Cont#1 2.1
					Custody Seal (Tabs)
					Trip Blk present

68HERH20D0011 SDG # MJNKL4

USEPA CLP COC (LAB COPY)
DateShipped: 12/5/2024
CarrierName: FedEx
AirbillNo: 7705 3093 7563

CHAIN OF CUSTODY RECORD

Case #: 51821
Cooler #: 4

No: 10-120524-145421-0006
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
MJNKQ0	MJNKQ0	Sediment/ LV,HH	Grab	ICP-MS(21)/PR	1432 (< 6 C) (1)	OU6-CS-YB05-2.0-3.0	12/04/2024 10:25	9
MJNKQ1	MJNKQ1	Sediment/ LV	Grab	ICP-MS(21)/PR	1433 (< 6 C) (1)	OU6-CS-YB05-3.0-4.0	12/04/2024 10:30	9
MJNKQ2	MJNKQ2	Sediment/ HH	Grab	ICP-MS(21)/PR	1434 (< 6 C) (1)	OU6-CS-YB05-4.0-5.0	12/04/2024 10:35	9
MJNKQ8	MJNKQ8	Sediment/ LV,CT	Grab	ICP-MS(21)/PR	1440 (< 6 C) (1)	OU6-CS-YB06-0.0-0.4	12/03/2024 09:40	10
MJNKR9	MJNKR9	Sediment/ LV	Grab	ICP-MS(21)/PR	1451 (< 6 C) (1)	OU6-CS-YB07-0.0-0.7	12/04/2024 16:50	.
MJNL16	MJNL16	Sediment/ LV	Grab	ICP-MS(21)/PR	1528 (< 6 C) (1)	OU6-CS-YB14-0.0-1.0	12/04/2024 15:50	.
MJNL17	MJNL17	Sediment/ LV	Grab	ICP-MS(21)/PR	1529 (< 6 C) (1)	OU6-CS-YB14-0.0-1.0-FD	12/04/2024 15:50	13
MJNL18	MJNL18	Sediment/ MM	Grab	ICP-MS(21)/PR	1530 (< 6 C) (1)	OU6-CS-YB14-1.0-2.0	12/04/2024 16:15	12
MJNL19	MJNL19	Sediment/ LV	Grab	ICP-MS(21)/PR	1531 (< 6 C) (1)	OU6-CS-YB14-2.0-2.6	12/04/2024 16:20	13
MJNL49	MJNL49	Sediment/ MM,LV	Grab	ICP-MS(21)/PR	1561 (< 6 C) (1)	OU6-CS-YB17-0.0-0.5	12/04/2024 13:50	14

Sample(s) to be used for Lab QC: MJNKR9 Tag 1451, MJNL16 Tag 1528, MJNL60 Tag 1572 0543408 0543409

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ICP-MS=CLP Metals (As, Cu, Pb, Zn)-Sediment

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	Jacobs	12/5/24 1600		1010 12-6-24	FR-Cont #1 2.3°C
					Custody Seal Intact
					Trip Blank present

68HERH20D0011 SDG # MJNKL4

USEPA CLP COC (LAB COPY)
DateShipped: 12/5/2024
CarrierName: FedEx
AirbillNo: 7705 3093 7563

CHAIN OF CUSTODY RECORD

Case #: 51821
Cooler #: 4

No: 10-120524-145421-0006
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
MJNL60	MJNL60	Sediment/ CT,LV	Grab	ICP-MS(21)/PR	1572 (< 6 C) (1)	OU6-CS-YB18-0.0-1.0	12/02/2024 14:25	•
MJNL62	MJNL62	Sediment/ LV	Grab	ICP-MS(21)/PR	1574 (< 6 C) (1)	OU6-CS-YB18-1.0-2.0	12/02/2024 14:40	15
MJNL63	MJNL63	Sediment/ ET,LV	Grab	ICP-MS(21)/PR	1575 (< 6 C) (1)	OU6-CS-YB18-2.0-2.1	12/02/2024 14:50	16
MJNL71	MJNL71	Sediment/ CT	Grab	ICP-MS(21)/PR	1583 (< 6 C) (1)	OU6-CS-YB19-0.0-1.0	12/03/2024 16:15	17

Sample(s) to be used for Lab QC: MJNL60 Tag 1572 0543408 0543409

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ICP-MS=CLP Metals (As, Cu, Pb, Zn)-Sediment

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	UJ Jacobs	12/5/24 1600	[signature]	1010 12-6-24	FL Cert #1 2.3 °C
					Custody Seal Intact
					Temp Blank present

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 1 of 1
Received By (Print Name) Casanova René		Log-in Date **12/6/2024**
Received By (Signature)		
Case Number 51821	SDG No. MJNKL4	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	0543496,0543497
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	770530893078 1
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.1 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	12/06/2024
12.Time Received	10:10

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MJNKL4	N/A	1396	P5158-01	Intact
2	MJNKL4D	N/A	1396	P5158-02	Intact
3	MJNKL4S	N/A	1396	P5158-03	Intact
4	MJNKL5	N/A	1397	P5158-04	Intact
5	MJNKM5	N/A	1407	P5158-05	Intact
6	MJNKM6	N/A	1408	P5158-06	Intact
7	MJNKP8	N/A	1430	P5158-07	Intact
8	MJNKP9	N/A	1431	P5158-08	Intact
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	12/6/24	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)		Log-in Date 12/6/2024
Received By (Signature)		
Case Number 51821	SDG No. MJNKL4	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	0543408,0543409
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	770530937563 2
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	12/06/2024
12.Time Received	10:10

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MJNKQ0	N/A	1432	P5158-09	Intact
2	MJNKQ1	N/A	1433	P5158-10	Intact
3	MJNKQ2	N/A	1434	P5158-11	Intact
4	MJNKQ8	N/A	1440	P5158-12	Intact
5	MJNL17	N/A	1529	P5158-13	Intact
6	MJNL18	N/A	1530	P5158-14	Intact
7	MJNL19	N/A	1531	P5158-15	Intact
8	MJNL49	N/A	1561	P5158-16	Intact
9	MJNL62	N/A	1574	P5158-17	Intact
10	MJNL63	N/A	1575	P5158-18	Intact
11	MJNL71	N/A	1583	P5158-19	Intact
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	12/6/2024	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.	**51821**	SDG NO.	**MJNKL4**
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	17	✓	
7. Percent Solids Log	18	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	NA	NA	✓	
9. Instrument raw data by instrument in analysis order	NA	NA	✓	
Other Data				
10. Standard and Reagent Preparation Logs	NA	NA	✓	
11. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	NA	NA	✓	
12. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	NA	NA	✓	
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	20	36	✓	
18. Instrument raw data by instrument in analysis order	37	736	✓	
Other Data				
19. Standard and Reagent Preparation Logs	737	873	✓	
20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	874	875	✓	
21. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	876	885	✓	
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	NA	NA	✓	
27. Instrument raw data by instrument in analysis order	NA	NA	✓	
Other Data				
28. Standard and Reagent Preparation Logs	NA	NA	✓	
29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	NA	NA	✓	
30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	NA	NA	✓	
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)	886	887	✓	
Sample Tags	NA	NA	✓	
Sample Log-In Sheet (Lab)	888	889	✓	
45. Misc. Shipping/Receiving Records (list all individual records)				
	NA	NA	✓	
46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)				
	890	890	✓	
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 # MJNKL4
CASE # 51821
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # P5158

A. Number of Samples and Date of Receipt

17 Soil samples were delivered to the laboratory intact on 12/06/2024

B. Parameters

Test requested for Metals CLP4 MS = Arsenic, Copper, Lead, Zinc.

C. Cooler Temp

Indicator Bottle**: Presence/**Absence

Cooler: 2.1^{o}C, 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: The COC indicates PRs are required for all samples, but per scheduling there are no PRs requested for this Case. Please advise on how the laboratory may proceed.

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 10, preliminary results were inadvertently included on the COC but are not needed for this project. Please proceed with the scheduled 21-day TAT. Please note the issue in the SDG Narrative and proceed with analysis of the samples.

284 Sheffield Street
Mountainside, NJ 07092

F. Analytical Techniques:

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

G. Calculation:

Calculation for ICP-MS 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 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 MJNKL4 For Arsenic:

If C = 159.59 ppb
Vf = 500 ml
W = 1.28 g
S = 0.712(71.2/100)
DF = 1

$$\text{Concentration (mg/kg)} = 159.59 \times \frac{500}{1.28 \times 0.712} \times 1 / 1000$$

$$= 87.5559 \text{ mg/kg}$$

$$= 88 \text{ mg/kg (Reported Result with Signification)}$$

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. 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.

284 Sheffield Street
Mountainside, NJ 07092

Internal Standard Association for ICP-MS analysis.

Target Analyte	Associated Internal Standard
Arsenic	89Y
Copper	45Sc
Lead	209Bi
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 06, 2024 3:09 PM
To: Mohammad Ahmed; Deepak Parmar; Sohil Jodhani
Cc: Johnson, Matthew; Bauer, Heather E; Dunn, Meghan (she/her/hers); Reece, Caitlin
Subject: Region 10 | Case 51821 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC | FINAL
Attachments: 51821-COC.pdf

This is the first time you received an email from this sender (Casey.Shaeffer@gdit.com). Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Good afternoon,

Please see the below resolutions from Region 10. Please note the added issue/resolution 2.

Discrepancies with tags, jars, and/or COC
Issue 1: The COC indicates PRs are required for all samples, but per scheduling there are no PRs requested for this Case. Please advise on how the laboratory may proceed.
Resolution 1: Per Region 10, preliminary results were inadvertently included on the COC but are not needed for this project. Please proceed with the scheduled 21-day TAT. Please note the issue in the SDG Narrative and proceed with analysis of the samples.

Issue 2: Samples under this Case are scheduled for TCLP ICP-AES 5-10 Metals and TCLP Hg, but the COC only indicates TCLP ICP-AES 5-10 Metals for CLP sample numbers MJNLH1 and MJNLH2.
Resolution 2: Per Region 10, the laboratory should proceed with TCLP ICP-AES 5-10 Metals and TCLP Hg as scheduled for CLP sample numbers MJNLH1 and MJNLH2. Please note the issue in the SDG Narrative and proceed with 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,

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 24, 2024

From: Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>
Sent: Friday, December 6, 2024 3:06 PM
To: Shaeffer, Casey <Casey.Shaeffer@gdit.com>; Reece, Caitlin <Reece.Caitlin@epa.gov>
Subject: RE: Region 10 | Case 51821 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

This Message Is From an External Sender

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

Hi Casey,

Yes, that's correct!

Thanks,
Meghan

From: Shaeffer, Casey <Casey.Shaeffer@gdit.com>
Sent: Friday, December 6, 2024 12:03 PM
To: Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>; Reece, Caitlin <Reece.Caitlin@epa.gov>
Subject: RE: Region 10 | Case 51821 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

Caution: This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Good afternoon,

Thank you, Meghan! I would just like to confirm that CLP sample number MJNLH1 and MJNLH2, per the COC, should be analyzed for both TCLP ICP-AES 5-10 Metals and TCLP Hg?

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 24, 2024

From: Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>
Sent: Friday, December 6, 2024 2:48 PM
To: Shaeffer, Casey <Casey.Shaeffer@gdit.com>; Reece, Caitlin <Reece.Caitlin@epa.gov>
Subject: RE: Region 10 | Case 51821 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

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

Hi Casey,

The sampler accidentally included preliminary results for these samples No preliminary results are needed for this project. Please proceed with the 21 day TAT.

By the way: the COC may not have been very obvious, the TCLP analysis requested on the COC includes mercury (by CVAA) in addition to the 7 metals scheduled with ICP-AES.

Thank you,
Meghan

Meghan Dunn
QA Chemist / RSCC
(Regional Sample Control Coordinator)
U.S. EPA, Region 10
Cell (206) 330-6743
Office (206) 553-8561

From: Shaeffer, Casey <Casey.Shaeffer@gdit.com>
Sent: Friday, December 6, 2024 11:34 AM
To: Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>; Reece, Caitlin <Reece.Caitlin@epa.gov>
Subject: Region 10 | Case 51821 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

Caution: This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Good afternoon,

Please see the below issue from ACE.

Issue: The COC indicates PRs are required for all samples, but per scheduling there are no PRs requested for this Case. 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

From: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Sent: Friday, December 6, 2024 1:52 PM
To: Hairston, Miles (NE) <Miles.Hairston@gdit.com>
Cc: Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>
Subject: Region 10 | Case 51821 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

This Message Is From an External Sender

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

Good afternoon,

As per ASR PR is not schedule for this case however on COC PR mentioned for all samples . There for Lab like to 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
Direct: 908-728-3154
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

PERCENT SOLID

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

OVENTEMP IN Celsius(°C): 107
Time IN: 13:45
In Date: 12/11/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 07:34
Out Date: 12/12/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133880

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
P5158-01	MJNKL4	1	1.15	8.81	9.96	7.42	71.2	
P5158-02	MJNKL4D	2	1.15	8.81	9.96	7.42	71.2	
P5158-03	MJNKL4S	3	1.15	8.81	9.96	7.42	71.2	
P5158-04	MJNKL5	4	1.16	8.83	9.99	7.85	75.8	
P5158-05	MJNKM5	5	1.15	8.66	9.81	8.25	82.0	
P5158-06	MJNKM6	6	1.15	8.40	9.55	8.49	87.4	
P5158-07	MJNKP8	7	1.16	8.60	9.76	7.56	74.4	
P5158-08	MJNKP9	8	1.16	8.47	9.63	7.81	78.5	
P5158-09	MJNKQ0	9	1.16	8.46	9.62	8.27	84.0	
P5158-10	MJNKQ1	10	1.16	8.50	9.66	8.32	84.2	
P5158-11	MJNKQ2	11	1.16	8.75	9.91	8.52	84.1	
P5158-12	MJNKQ8	12	1.15	8.83	9.98	8.44	82.6	
P5158-13	MJNL17	13	1.16	8.76	9.92	7.13	68.2	
P5158-14	MJNL18	14	1.14	8.76	9.9	9.06	90.4	
P5158-15	MJNL19	15	1.17	8.71	9.88	9.35	93.9	
P5158-16	MJNL49	16	1.12	8.76	9.88	8.42	83.3	
P5158-17	MJNL62	17	1.16	8.52	9.68	6.06	57.5	
P5158-18	MJNL63	18	1.18	8.44	9.62	8.04	81.3	
P5158-19	MJNL71	19	1.16	8.44	9.6	7.46	74.6	

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

WORKLIST(Hardcopy Internal Chain)

VM 133680

WorkList Name : %1-p5158 **WorkList ID :** 186220 **Department :** Wet-Chemistry **Date :** 12-11-2024 09:15:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5158-01	MJNKL4	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	12/03/2024	Chemtech -SO
P5158-02	MJNKL4D	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	12/03/2024	Chemtech -SO
P5158-03	MJNKL4S	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	12/03/2024	Chemtech -SO
P5158-04	MJNKL5	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	12/03/2024	Chemtech -SO
P5158-05	MJNKM5	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	12/03/2024	Chemtech -SO
P5158-06	MJNKM6	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	12/03/2024	Chemtech -SO
P5158-07	MJNKP8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	12/03/2024	Chemtech -SO
P5158-08	MJNKP9	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	12/04/2024	Chemtech -SO
P5158-09	MJNKQ0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	12/04/2024	Chemtech -SO
P5158-10	MJNKQ1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	12/04/2024	Chemtech -SO
P5158-11	MJNKQ2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	12/04/2024	Chemtech -SO
P5158-12	MJNKQ8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	12/04/2024	Chemtech -SO
P5158-13	MJNL17	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	12/03/2024	Chemtech -SO
P5158-14	MJNL18	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	12/04/2024	Chemtech -SO
P5158-15	MJNL19	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	12/04/2024	Chemtech -SO
P5158-16	MJNL49	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	12/04/2024	Chemtech -SO
P5158-17	MJNL62	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	12/04/2024	Chemtech -SO
P5158-18	MJNL63	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	12/02/2024	Chemtech -SO
P5158-19	MJNL71	Solid	Percent Solids	Cool 4 deg C	USEP01	Q31	12/03/2024	Chemtech -SO

Date/Time 12-11-24 13:10

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 12-11-24 13:50

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]