SDG COVER PAGE

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

Lab Code: ACE Case No.: 51956 MA No.: SDG No.: MJNLB4

SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	Analysis Method ICP-AES	ICP-MS	Mercury	Cyanide
MJNLB4	Q1128-01		X		
MJNLG3	Q1128-02		X		
MJNLG3D	Q1128-03		X		
MJNLG3S	Q1128-04		X		
MJNLG4	Q1128-05		X		
MJNLG6	Q1128-06		X		
MJNLG7	Q1128-07		X		
MJNLG8	Q1128-08		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: 1/16/2025
CarrierName: FedEx
AirbillNo: 7714 8350 4498

CHAIN OF CUSTODY RECORD

Case #: 51821
Cooler #: 22

No: 10-011525-154228-0025

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
MJNLA3	MJNLA3	Sediment/ SB	Grab	TCLP-Metals(21)	1615 (< 6 C), 1616 (< 6 C) (2)	OU6-IDW-SO-001	01/15/2025 14:10	
MJNLB3	MJNLB3	Water/ SB	Grab	ICP-MS(21)	1635 (HNO3 pH<2) (1)	OU6-SW-EB-001	01/15/2025 02:15	pH 1.0
MJNLB4	MJNLB4	Water Filtered/ SB	Grab	ICP-MS(21)	1636 (HNO3 pH<2) (1)	OU6-SW-EB-001	01/15/2025 02:15	✓
MJNLB5	MJNLB5	Water/ SB	Grab	ICP-MS(21)	1637 (HNO3 pH<2) (1)	OU6-SW-SP01	01/15/2025 01:20	
MJNLB6	MJNLB6	Water/ SB	Grab	ICP-MS(21)	1638 (HNO3 pH<2) (1)	QU6-SW-SP03-FD	01/15/2025 00:50	
MJNLB8	MJNLB8	Water/ SB	Grab	ICP-MS(21)	1640 (HNO3 pH<2) (1)	OU6-SW-SP03	01/15/2025 00:50	
MJNLB9	MJNLB9	Water/ SB	Grab	ICP-MS(21)	1641 (HNO3 pH<2) (1)	OU6-SW-SP04	01/15/2025 00:20	
MJNLC0	MJNLC0	Water/ SB	Grab	ICP-MS(21)	1642 (HNO3 pH<2) (1)	OU6-SW-SP05	01/14/2025 23:30	
MJNLE5	MJNLE5	Water/ SB	Grab	ICP-AES(21)	1667 (HNO3 pH<2) (1)	OU6-IDW-W-001	01/15/2025 14:50	
MJNLG3	MJNLG3	Water Filtered/ SB	Grab	ICP-MS(21)	1681 (HNO3 pH<2) (1)	OU6-SW-SP01	01/15/2025 01:20	✓
MJNLG4	MJNLG4	Water Filtered/ SB	Grab	ICP-MS(21)	1682 (HNO3 pH<2) (1)	OU6-SW-SP03-FD	01/15/2025 00:50	✓
MJNLG6	MJNLG6	Water Filtered/ SB	Grab	ICP-MS(21)	1684 (HNO3 pH<2) (1)	OU6-SW-SP03	01/15/2025 00:50	✓

Sample(s) to be used for Lab QC: MJNLB5 Tag 1637, MJNLB9 Tag 1641, MJNLG3 Tag 1681

Shipment for Case Complete? Y

Samples Transferred From Chain of Custody #

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

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
15 containers	STEVE BRAND / Jacobs	14:00 / 1/16/25		0930 1-17-25	IR Gun #1
					Temp 3.0°C
					Temp blank present
					Custody Seal intact

68HERH20D0011 SDG # MJNLB4

USEPA CLP COC (LAB COPY)
DateShipped: 1/16/2025
CarrierName: FedEx
AirbillNo: 7714 8350 4498

CHAIN OF CUSTODY RECORD

Case #: 51821
Cooler #: 22

No: 10-011525-154228-0025
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
MJNLG7	MJNLG7	Water Filtered/ SB	Grab	ICP-MS(21)	1685 (HNO3 pH<2) (1)	OU6-SW-SP04	01/15/2025 00:20	✓ pH 1.D
MJNLG8	MJNLG8	Water Filtered/ SB	Grab	ICP-MS(21)	1686 (HNO3 pH<2) (1)	OU6-SW-SP05	01/14/2025 23:30	✓ L

Special Instructions:

Shipment for Case Complete? Y
Samples Transferred From Chain of Custody #

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

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
15 containers	STEVE BRAND / Jacobs	14:00/ 1/16/25		0930 1-17-25	IR Gun #1 Temp 3.0°C
					Custody Seal intact
					Temp blank present

USEPA CLP COC (LAB COPY)
DateShipped: 1/16/2025
CarrierName: FedEx
AirbillNo: 7714 8350 4498

CHAIN OF CUSTODY RECORD

Case #: 51956
Cooler #: 22

No: 10-011525-154228-0025
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
MJNLA3	MJNLA3	Sediment/ SB	Grab	TCLP-Metals(21)	1615 (< 6 C), 1616 (< 6 C) (2)	OU6-IDW-SO-001	01/15/2025 14:10	
MJNLB3	MJNLB3	Water/ SB	Grab	ICP-MS(21)	1635 (HNO3 pH<2) (1)	OU6-SW-EB-001	01/15/2025 02:15	
MJNLB4	MJNLB4	Water Filtered/ SB	Grab	ICP-MS(21)	1636 (HNO3 pH<2) (1)	OU6-SW-EB-001	01/15/2025 02:15	
MJNLB5	MJNLB5	Water/ SB	Grab	ICP-MS(21)	1637 (HNO3 pH<2) (1)	OU6-SW-SP01	01/15/2025 01:20	
MJNLB6	MJNLB6	Water/ SB	Grab	ICP-MS(21)	1638 (HNO3 pH<2) (1)	OU6-SW-SP03-FD	01/15/2025 00:50	
MJNLB8	MJNLB8	Water/ SB	Grab	ICP-MS(21)	1640 (HNO3 pH<2) (1)	OU6-SW-SP03	01/15/2025 00:50	
MJNLB9	MJNLB9	Water/ SB	Grab	ICP-MS(21)	1641 (HNO3 pH<2) (1)	OU6-SW-SP04	01/15/2025 00:20	
MJNLC0	MJNLC0	Water/ SB	Grab	ICP-MS(21)	1642 (HNO3 pH<2) (1)	OU6-SW-SP05	01/14/2025 23:30	
MJNLE5	MJNLE5	Water/ SB	Grab	ICP-AES(21)	1667 (HNO3 pH<2) (1)	OU6-IDW-W-001	01/15/2025 14:50	
MJNLG3	MJNLG3	Water Filtered/ SB	Grab	ICP-MS(21)	1681 (HNO3 pH<2) (1)	OU6-SW-SP01	01/15/2025 01:20	
MJNLG4	MJNLG4	Water Filtered/ SB	Grab	ICP-MS(21)	1682 (HNO3 pH<2) (1)	OU6-SW-SP03-FD	01/15/2025 00:50	
MJNLG6	MJNLG6	Water Filtered/ SB	Grab	ICP-MS(21)	1684 (HNO3 pH<2) (1)	OU6-SW-SP03	01/15/2025 00:50	

Sample(s) to be used for Lab QC: MJNLB5 Tag 1637, MJNLB9 Tag 1641, MJNLG3 Tag 1681	**Shipment for Case Complete? Y**
	Samples Transferred From Chain of Custody #
Analysis Key: TCLP-Metals=CLP TCLP Metals (As, Ba, Cd, Cr,Pb,Se,Ag, Hg)-Sed, ICP-MS=CLP Metals (As, Cu, Pb, Zn)-Water, ICP-AES=CLP Metals (As, Ba, Cd, Cr,Pb,Se,Ag, Hg)-Water	

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	Kodey Eley	1/16/2025		1/17/25	3.0 C
				9:30	

USEPA CLP COC (LAB COPY)
DateShipped: 1/16/2025
CarrierName: FedEx
AirbillNo: 7714 8350 4498

CHAIN OF CUSTODY RECORD

Case #: 51956
Cooler #: 22

No: 10-011525-154228-0025
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
MJNLG7	MJNLG7	Water Filtered/ SB	Grab	ICP-MS(21)	1685 (HNO3 pH<2) (1)	OU6-SW-SP04	01/15/2025 00:20	
MJNLG8	MJNLG8	Water Filtered/ SB	Grab	ICP-MS(21)	1686 (HNO3 pH<2) (1)	OU6-SW-SP05	01/14/2025 23:30	

Special Instructions:

Shipment for Case Complete? Y

Samples Transferred From Chain of Custody #

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

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	Kodey Eley	1/16/2025		1/17/25	3.0°C
				9:30	

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 1 of 1
Received By (Print Name) Gasparova Lena		Log-in Date 1/17/2025
Received By (Signature)		
Case Number 51956	SDG No. MJNLB4	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.	771483504502 1
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	3.0 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	01/17/2025
12.Time Received	09:30

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MJNLB4	1.0	1636	Q1128-01	Intact
2	MJNLG3	1.0	1681	Q1128-02	Intact
3	MJNLG3D	1.0	1681	Q1128-03	Intact
4	MJNLG3S	1.0	1681	Q1128-04	Intact
5	MJNLG4	1.0	1682	Q1128-05	Intact
6	MJNLG6	1.0	1684	Q1128-06	Intact
7	MJNLG7	1.0	1685	Q1128-07	Intact
8	MJNLG8	1.0	1686	Q1128-08	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 1/17/25	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.	**51956**	SDG NO.	**MJNLB4**
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	5	✓	
3 . Sample Log-In Sheet (DC-1)	6	6	✓	
4 . CSF Inventory Sheet (DC-2)	7	9	✓	
5 . SDG Narrative	10	12	✓	
6 . Communication Logs	13	19	✓	
7 . Percent Solids Log	NA	NA	✓	
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	25	✓	
18 . Instrument raw data by instrument in analysis order	26	419	✓	
Other Data				
19 . Standard and Reagent Preparation Logs	420	555	✓	
20 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	556	557	✓	
21 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	558	561	✓	
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 1)	562	562	✓	
Sample Tags	NA	NA	✓	
Sample Log-In Sheet (Lab)	563	563	✓	
45. Misc. Shipping/Receiving Records (list all individual records)				
	NA	NA	✓	
46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)				
	564	564	✓	
47. Other Records and related Communication Logs (describe or list)				
	NA	NA	✓	

48. Comments:

Completed by: (CLP Lab)		Nimisha Pandya, Document Control Officer	
	(Signature)	(Print Name & Title)	(Date)
Audited by: (EPA)			
	(Signature)	(Print Name & Title)	(Date)

284 Sheffield Street
Mountainside, NJ 07092

SDG NARRATIVE

USEPA
SDG # MJNLB4
CASE # 51956
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # Q1128

A. Number of Samples and Date of Receipt

06 Water samples were delivered to the laboratory intact on 01/17/2025.

B. Parameter

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

C. Cooler Temp

Indicator Bottle**: Presence/**Absence

Cooler: 3.0^{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 that these samples are for Case 51821, but this Case completed on 12/20/2024.

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, the COC references the incorrect Case number and samples in this shipment are for Case 51956. A corrected COC will be provided once it is available. Please 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.

284 Sheffield Street
Mountainside, NJ 07092

G. Calculation:

Calculation for ICP-MS Water Sample:

$$\text{Concentration or Result } (\mu g/L) = C \times \frac{Vf}{Vi} \times DF$$

Where,

C = Instrument value in ppb (The average of all replicate integrations)
Vf = Final digestion volume (mL)
Vi = Initial aliquot amount (mL) (Sample amount taken in prep)
DF = Dilution Factor

Example Calculation For Sample MJNLG3 For Arsenic:

If C = 11.50 ppb
Vf = 50 ml
Vi = 50 ml
DF = 1

$$\text{Concentration or Result } (\mu g/L) = 11.50 \times \frac{50}{50} \times 1$$

$$= 11.50\ \mu g/L$$

$$= 12\ \mu g/L \text{ (Reported Result with Signification)}$$

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.

Internal Standard Association for ICP-MS analysis.

Target Analyte	Associated Internal Standard
Arsenic	89Y
Copper	45Sc

284 Sheffield Street
Mountainside, NJ 07092

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, January 17, 2025 10:52 AM
To: Deepak Parmar; Sohil Jodhani; Mohammad Ahmed
Subject: RE: Region 10 | Case 51956 | Lab ACE | Issue Multiple

Good morning, Deepak,

Please see the below issue/resolution 3 from Region 10 regarding the Case number for this shipment. Please confirm if the laboratory is able to accept the below adjustments (mentioned in issues 1 and 2) for Case 51956.

Scheduling
Issue 1: Water samples JNLE5 & MJNLE5 were shipped for VOA, SVOA, ICP-AES 5-10 Metals (As, Ba, Cd, Cr, Pb, Se, Ag) and Hg analyses, but these analyses are not scheduled under Case 51956. Please confirm if the laboratory is able to accept the added analyses.

Issue 2: Case 51956 includes water samples scheduled for ICP-AES 1-4 Metals analysis, but the COC indicates that samples should be analyzed under ICP-MS 1-4 Metals analysis. The Region has confirmed that ICP-MS 1-4 Metals analysis should be performed for these samples. Please confirm if the laboratory is able to accept this adjustment.

Discrepancies with tags, jars, and/or COC
Issue 3: The COC indicates that these samples are for Case 51821, but this Case completed on 12/20/2024.
Resolution 3: Per Region 10, the COC references the incorrect Case number and samples in this shipment are for Case 51956. A corrected COC will be provided once it is available. Please note the issue in the SDG Narrative and proceed with analysis of the samples.

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: None

From: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Sent: Friday, January 17, 2025 10:40 AM
To: Shaeffer, Casey <Casey.Shaeffer@gdit.com>; Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Subject: RE: Region 10 | Case 51956 | Lab ACE | Issue Scheduling

Good morning,

Water samples JNLE5 & MJNLE5 received with case 51821 not for case 51956. So please conform the case number.

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 <Casey.Shaeffer@gdit.com>
Sent: Friday, January 17, 2025 10:01 AM
To: Deepak Parmar <Deepak.Parmar@alliancetg.com>; Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>; Mohammad Ahmed <Mohammad.Ahmed@AllianceTG.com>
Subject: Region 10 | Case 51956 | Lab ACE | Issue Scheduling

Good morning,

Please note that Region 10 has shipped samples to the laboratory for delivery today, 01/17/2024. Please see the below issues 1 and 2 and confirm if the laboratory can accept the adjustments.

Issue 1: Water samples JNLE5 & MJNLE5 were shipped for VOA, SVOA, ICP-AES 5-10 Metals (As, Ba, Cd, Cr, Pb, Se, Ag) and Hg analyses, but these analyses are not scheduled under Case 51956. Please confirm if the laboratory is able to accept the added analyses.

Issue 2: Case 51956 includes water samples scheduled for ICP-AES 1-4 Metals analysis, but the COC indicates that samples should be analyzed under ICP-MS 1-4 Metals analysis. The Region has confirmed that ICP-MS 1-4 Metals analysis should be performed for these samples. Please confirm if the laboratory is able to accept this adjustment.

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: None

From: Dunn, Meghan (she/her/hers) dunn.meghan@epa.gov
Sent: Friday, January 17, 2025 9:53 AM
To: Shaeffer, Casey Casey.Shaeffer@gdit.com
Cc: Reece, Caitlin Reece.Caitlin@epa.gov
Subject: RE: Case 51821 - update and 1 unscheduled sample

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

Hi Casey,

Sure, there are in fact only 6 samples for each matrix.

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, January 17, 2025 6:52 AM
To: Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>

Cc: Reece, Caitlin <Reece.Caitlin@epa.gov>
Subject: RE: Case 51821 - update and 1 unscheduled sample

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

Thank you, Meghan! Would the Region please confirm if six or ten samples should be scheduled? The ASR reflects that ten ICP-MS samples are included in this Case, but the email below discloses six.

Kind Regards,

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

From: Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>
Sent: Friday, January 17, 2025 9:49 AM
To: Shaeffer, Casey <Casey.Shaeffer@gdit.com>
Cc: Reece, Caitlin <Reece.Caitlin@epa.gov>
Subject: RE: Case 51821 - update and 1 unscheduled sample

Hi Casey, yes the ICP-AES for 4 metals can be cancelled once ICP-MS is assigned.

Thank you!

From: Shaeffer, Casey <Casey.Shaeffer@gdit.com>
Sent: Friday, January 17, 2025 6:39 AM
To: Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>
Cc: Reece, Caitlin <Reece.Caitlin@epa.gov>
Subject: RE: Case 51821 - update and 1 unscheduled sample

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

Thank you, Meghan! Would the Region please confirm if the ICP-AES analyses under this Case should be cancelled once the ICP-MS analyses are finalized and assigned to 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: None

From: Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>
Sent: Friday, January 17, 2025 9:36 AM
To: Shaeffer, Casey <Casey.Shaeffer@gdit.com>
Cc: Reece, Caitlin <Reece.Caitlin@epa.gov>
Subject: RE: Case 51821 - update and 1 unscheduled sample

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Hi Casey,

I'm also noticing that the 6 total and 6 dissolved metals were scheduled for ICP-AES but should have been scheduled for ICP-MS analysis. The COC is correct for these. I updated the ASR to include ICP-MS just now.

6 water samples for Total Metals (As, Cu, Pb, Zn)
6 water samples for Dissolved Metals (As, Cu, Pb, Zn)

Apologies for all the errors on this one.

Thanks,
Meghan

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

From: Dunn, Meghan (she/her/hers)
Sent: Friday, January 17, 2025 6:19 AM
To: Shaeffer, Casey <Casey.Shaeffer@gdit.com>
Cc: Reece, Caitlin <Reece.Caitlin@epa.gov>
Subject: RE: Case 51821 - update and 1 unscheduled sample

Hi Casey,

Yes, sorry, this is in fact for case 51956. I see the COC shows Case 51821 – I will get a corrected COC pdf and xml from the sampling contractor.

Thanks,
Meghan

From: Shaeffer, Casey <Casey.Shaeffer@gdit.com>
Sent: Friday, January 17, 2025 6:14 AM
To: Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>
Cc: Reece, Caitlin <Reece.Caitlin@epa.gov>
Subject: RE: Case 51821 - update and 1 unscheduled sample

Good morning, Meghan,

Thank you for the update. Would the Region please confirm the Case number for these samples? It appears that Case 51956 was updated, but the COC submission and email below refer to Case 51821, which completed shipping on 12/20/2024.

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

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information technology

Leave Alert: None

From: Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>
Sent: Thursday, January 16, 2025 5:57 PM
To: Shaeffer, Casey <Casey.Shaeffer@gdit.com>
Cc: Reece, Caitlin <Reece.Caitlin@epa.gov>
Subject: Case 51821 - update and 1 unscheduled sample

Hi Casey,

Case 51821 shipped samples today, summarized below. Please note that one sample submitted for 4 analyses was not included in the ASR. The analyses highlighted yellow were not included on the ASR. Thank you and apologies for that sample getting shipped without scheduled analyses. If it's not possible for the lab to accept it, please let us know.

Date shipped: 1/16/2025
Date to arrive at lab: 1/17/2025
Number of samples per matrix and per analysis:
1 IDW Sediment sample for TCLP Metals (As, Ba, Cd, Cr, Pb, Se, Ag, and Hg), TCLP SVOC, TCLP VOC, PAHs
6 water samples for Total Metals (As, Cu, Pb, Zn)
6 water samples for Dissolved Metals (As, Cu, Pb, Zn).
Sample ID JNLE5 & MJNLE5 - 1 IDW water sample for SVOCs, VOCs, ICP-AES Metals (As, Ba, Cd, Cr, Pb, Se, Ag) and Hg. The COC states PAH analysis as well, though the sampler indicated no PAH SIM is necessary so the request can be for SVOA only. I added the four analyses to the ASR just now.

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