

SDG COVER PAGE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No.: 3221.2 SDG No.: MYD5D1
 SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	ICP-AES	Analysis Method		
			ICP-MS	Mercury	Cyanide
MYD5D0	P2820-01		X		
MYD5D1	P2820-02		X		
MYD5D2	P2820-03		X		
MYD5D3	P2820-04		X		
MYD5D4	P2820-05		X		
MYD5D4D	P2820-06		X		
MYD5D4S	P2820-07		X		
MYD5D5	P2820-08		X		
MYD5D6	P2820-09		X		
MYD5D7	P2820-10		X		
MYD5D8	P2820-11		X		
MYD5D9	P2820-12		X		
MYD5E0	P2820-13		X		
MYD5E1	P2820-14		X		
MYD5E2	P2820-15		X		
MYD5E4	P2820-16		X		
MYD5E5	P2820-17		X		
MYD5E6	P2820-18		X		
MYD5E7	P2820-19		X		
MYD5E8	P2820-20		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 # MYD5D0 & MYD5D1

USEPA CLP COC (LAB COPY)

DateShipped: 6/7/2024

CarrierName: FedEx

AirbillNo: 7767 6245 6715

CHAIN OF CUSTODY RECORD

Case #: 51495

Cooler #: 51495-065

No: 9-060724-134224-0065

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
1903-A-0001-01	MYD5B9	Soil/ERT	Grab	ICP-AES 11(21)	9-3747 (None) (1)	1903-A-0001	06/06/2024 10:18	
1903-C-0003-01	MYD5C0	Soil/REAC	Grab	ICP-AES 11(21)	9-3748 (None) (1)	1903-C-0003	06/06/2024 10:16	
1903-A-S0001-01	MYD5C1	Soil/ERT	Grab	ICP-AES 11(21)	9-3749 (None) (1)	1903-A-S0001	06/06/2024 10:16	
1903-D-0001-01	MYD5C2	Soil/REAC	Grab	ICP-AES 11(21)	9-3750 (None) (1)	1903-D-0001	06/06/2024 10:22	
1903-E-0006-01	MYD5C3	Soil/REAC	Grab	ICP-AES 11(21)	9-3751 (None) (1)	1903-E-0006	06/06/2024 10:34	
1903-A-0002-01	MYD5C4	Soil/ERT	Grab	ICP-AES 11(21)	9-3752 (None) (1)	1903-A-0002	06/06/2024 10:27	
1903-E-0002-03	MYD5C5	Soil/REAC	Grab	ICP-AES 11(21)	9-3753 (None) (1)	1903-E-0002	06/06/2024 10:40	
1903-D-S0001-01	MYD5C6	Soil/REAC	Grab	ICP-AES 11(21)	9-3754 (None) (1)	1903-D-S0001	06/06/2024 10:40	
1903-B-0002-01	MYD5C7	Soil/ERT	Grab	ICP-AES 11(21)	9-3755 (None) (1)	1903-B-0002	06/06/2024 10:38	
1903-E-0005-01	MYD5C8	Soil/REAC	Grab	ICP-AES 11(21)	9-3756 (None) (1)	1903-E-0005	06/06/2024 10:38	
1903-E-0001-01	MYD5C9	Soil/REAC	Grab	ICP-AES 11(21)	9-3757 (None) (1)	1903-E-0001	06/06/2024 10:36	
1903-C-0002-01	MYD5D0	Soil/REAC	Grab	ICP-AES 11(21)	9-3758 (None) (1)	1903-C-0002	06/06/2024 10:24	1
1903-B-S0003-01	MYD5D1	Soil/ERT	Grab	ICP-AES 11(21)	9-3759 (None) (1)	1903-B-S0003	06/06/2024 10:34	2
1903-E-0003-01	MYD5D2	Soil/REAC	Grab	ICP-AES 11(21)	9-3760 (None) (1)	1903-E-0003	06/06/2024 10:30	3
1903-A-0003-01	MYD5D3	Soil/ERT	Grab	ICP-AES 11(21)	9-3761 (None) (1)	1903-A-0003	06/06/2024 10:32	4
1903-F-0005-03	MYD5D4	Soil/REAC	Grab	ICP-AES 11(21)	9-3762 (None) (1)	1903-F-0005	06/06/2024 10:30	5
1903-B-S0002-01	MYD5D5	Soil/ERT	Grab	ICP-AES 11(21)	9-3763 (None) (1)	1903-B-S0002	06/06/2024 10:30	6
1903-B-0001-01	MYD5D6	Soil/ERT	Grab	ICP-AES 11(21)	9-3764 (None) (1)	1903-B-0001	06/06/2024 10:23	7
1903-F-0006-01	MYD5D7	Soil/REAC	Grab	ICP-AES 11(21)	9-3765 (None) (1)	1903-F-0006	06/06/2024 10:28	8

Sample(s) to be used for Lab QC: 1903-E-0002-03 Tag 9-3753, 1903-F-0005-03 Tag 9-3762 - Special Instructions: ICP-AES 11+ Metals: Ag, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Ti, V, Zn

Analysis Key: ICP-AES 11=ICP-AES 11+Metals

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
SHIP TO Lab	Cono line Guyano	6/7/2024 15:00		6-10-24 0854	23.2°C TAL GUANO #1
					CUSTODY 5045 IMPACT
					NO Temp BIK

No: 9-060724-134224-0065

Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-728-3151

[illegible]

Sample(s) to be used for Lab Q.C.: 196-A-001-03 Tag 9-3807 - Special Instructions: ICP-AES 11+ Metals: Ag, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Ti, V, Zn

Shipment for Case Complete? N

Samples Transferred From Chain of Custody

Analysis Key: ICP-AES 11=ICP-AES 11+Metals

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
SNIPPE Lab	Carolinee Lawrence Weston	6/17/24 15:00		6-10-24 0854	23.2°C ILGVR #1
					custody seals intact
					no Temp data.

FORM DC-1
SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page <u>1</u> of <u>1</u>
Received By (Print Name) <u>Gasanova Peña</u>		Log-in Date 6/10/2024
Received By (Signature) <u>[Signature]</u>		
Case Number 51495	SDG No. MYD5D0 & MYD5D1	MA No. 3208.0 & 3221.2

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	<u>n/a</u>
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	<u>776762456715</u> <u>1</u>
Shipping Container Temperature Indicator Bottle	Absent
7. Shipping Container Temperature	<u>23.2</u> 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	<u>06/10/2024</u>
12. Time Received	<u>08:54</u>

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding		Remarks: Condition of Sample Shipment, etc.
			Sample Tag #	Assigned Lab #	
1	MYD5D0	N/A	9-3758	P2820-01	Intact
2	MYD5D1	N/A	9-3759	P2820-02	Intact
3	MYD5D2	N/A	9-3760	P2820-03	Intact
4	MYD5D3	N/A	9-3761	P2820-04	Intact
5	MYD5D4	N/A	9-3762	P2820-05	Intact
6	MYD5D4D	N/A	9-3762	P2820-06	Intact
7	MYD5D4S	N/A	9-3762	P2820-07	Intact
8	MYD5D5	N/A	9-3763	P2820-08	Intact
9	MYD5D6	N/A	9-3764	P2820-09	Intact
10	MYD5D7	N/A	9-3765	P2820-10	Intact
11	MYD5D8	N/A	9-3766	P2820-11	Intact
12	MYD5D9	N/A	9-3767	P2820-12	Intact
13	MYD5E0	N/A	9-3768	P2820-13	Intact
14	MYD5E1	N/A	9-3805	P2820-14	Intact
15	MYD5E2	N/A	9-3806	P2820-15	Intact
16	MYD5E4	N/A	9-3808	P2820-16	Intact
17	MYD5E5	N/A	9-3809	P2820-17	Intact
18	MYD5E6	N/A	9-3810	P2820-18	Intact
19	MYD5E7	N/A	9-3811	P2820-19	Intact
20	MYD5E8	N/A	9-3812	P2820-20	Intact
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 <u>[Signature]</u>	Logbook No. N/A
Date <u>6/11/24</u>	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.	51495	SDG NO.	MYD5D1
MA NO.	3208.0,3221.2	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:		CHECK	
	FROM	TO	LAB	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	13	✓	
6. Communication Logs	14	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	37	✓	
18. Instrument raw data by instrument in analysis order	38	1042	✓	
Other Data				
19. Standard and Reagent Preparation Logs	1043	1178	✓	
20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	1179	1180	✓	
21. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	1181	1189	✓	
22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	

	PAGE NOS:		CHECK	
	FROM	TO	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	✓	

Additional

44. EPA Shipping/Receiving Documents

Airbill (No. of Shipments 1)

Sample Tags

Sample Log-In Sheet (Lab)

45. Misc. Shipping/Receiving Records (list all individual records)

46. Internal Lab Sample Transfer Records and Tracking Sheets
(describe or list)47. Other Records and related Communication Logs
(describe or list)

48. Comments:

Completed by:
(CLP Lab)Audited by:
(EPA)

Nimisha Pandya, Document Control Officer

PAGE NOs:		CHECK	
FROM	TO	LAB	REGION
1190	1190	✓	
NA	NA	✓	
1191	1193	✓	
NA	NA	✓	
1194	1194	✓	
NA	NA	✓	



**284 Sheffield Street
Mountainside, NJ 07092**

SDG NARRATIVE

USEPA

SDG # MYD5D1

CASE # 51495

CONTRACT # 68HERH20D0011

SOW# SFAM01.1

LAB NAME: Alliance Technical Group, LLC

LAB CODE: ACE

LAB ORDER ID #P2820

MODIFIED ANALYSIS#3221.2

A. Number of Samples and Date of Receipt

18 Soil sample were delivered to the laboratory intact on 06/10/2024.

B. Parameters

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

C. Cooler Temp

Indicator Bottle: Presence/Absence

Cooler: 23.2°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 samples without ice. The coolers had temperatures 24.2 degrees C, 23.2 degrees C, 23.8 degrees C, 24.1 degrees C, and 26.1 degrees C upon arrival. The laboratory would like to know how to 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.



**284 Sheffield Street
Mountainside, NJ 07092**

Resolution 2: Per Region 9, Case 51495 is for metals. There are no rinsates in those cooler so they don't require ice. The laboratory should 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.

G. Calculation:

Calculation for ICP-MS Soil Sample:

Conversion of Results from $\mu\text{g/L}$ or ppb to mg/kg :

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

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 MYD5D0 For Arsenic:

If C = 375.57 ppb

Vf = 500 ml

W = 1.31 g

S = 0.983(98.3/100)

DF = 1

$$\text{Concentration (mg/kg)} = 375.57 \times \frac{500}{1.31 \times 0.983} \times 1 / 1000$$

$$= 145.8263 \text{ mg/kg}$$

$$= 150 \text{ mg/kg (Reported Result with Signification)}$$



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H. QA/ QC

Calibrations met requirements. Interference check met requirements. Blank analyses did not indicate any presence of contamination. Laboratory Control sample was within control limits. Spike sample (MYD5D4S) did meet requirements except for Chromium, Copper and Lead. Duplicate sample did meet requirements. Serial Dilution did meet requirements.

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

Internal Standard Association for ICP-MS analysis.

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



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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

Date: 09/04/2024	MA: 3221.1	Title: ICP-MS Re-Digestion and Re-Analysis of Soils with Additional Laboratory QC
Method Source: SFAM01.1	Method: ICP-MS	
Matrix: Soil/Sediment		
Summary of Modification		
The purpose of this modified analysis is to re-prepare samples by EPA Draft Method 3050C (see below) with additional modified LCS and Matrix Spikes and analyze for the scheduled target analytes by ICP-MS. Unless specifically modified by this modification, all analyses, Quality Control (QC), and reporting requirements specified in the SOW listed in your current EPA agreement remain unchanged and in full force and effect.		
I. Analyte Modifications		Not applicable ☒
II. Calibration and QC Requirements		Not applicable ☐
The Laboratory shall: • Use the Method Detection Limits (MDLs) determined for routine soil analyses (i.e., Method 200.8) to report the results for these analyses. The Laboratory is NOT required to perform an MDL study for Draft Method 3050C. • Prepare and analyze an additional Laboratory Control Sample (LCS) spiked at the CRQL. Percent Recovery limits do NOT apply to this LCS and no corrective actions are required. • Prepare a Matrix Spike spiked at three times the levels specified in the SOW. • Prepare and analyze an additional Matrix Spike sample spiked at five times the levels specified for this Modified Analysis (i.e., 15x the levels specified in the SOW). • Post-Digestion Spike requirements apply to the 5x Matrix Spike only. • Post-Digestion Spike corrective actions apply to Sb.		
III. Preparation and Method Modifications		Not applicable ☐
The Laboratory shall: • Prepare and analyze the sample by EPA Draft Method 3050C as follows: ○ Mix sample thoroughly and transfer 1.00 – 1.50 g to a digestion vessel. ○ Add 10 mL 1:1 HNO₃ and 5 mL 1:1 HCl, heat the sample at 95°C (±3°C) and reflux 10 -15 minutes. ○ Add 5 mL concentrated HNO₃ and reflux for 30 minutes at 95°C (±3°C), repeat until digestion complete. ○ Concentrate sample to 5 mL or reflux without boiling for 2 hours at 95°C (±3°C). ○ Cool sample, add 2mL water and 3 mL 30% H₂O₂. Heat at 95°C (±3°C) and add additional 1 mL aliquots of 30% H₂O₂ until effervescence is minimal. ○ Dilute to 100 mL with water, centrifuge or filter as necessary prior to analysis. • The same sample extracts can be used for ICP-AES analysis. Separate Matrix Spikes and LCS will need to be prepared for both ICP-AES and ICP-MS analyses. • Analyze the samples starting at an initial 5x dilution. Subsequently, dilute samples as necessary to bring the analyte concentrations within the calibration range of the instrument per the SOW. • Method Blanks, both LCSs, and all instrument QC are to be analyzed undiluted.		

IV. Special Reporting Requirements

Not applicable

☐

The Laboratory shall:

- Ensure the SDG Narrative is updated as stated in the SOW, including any technical and administrative problems encountered and the resolution or corrective actions taken. These problems may include interference problems encountered during analysis, dilutions, re-analyses and/or re-preparations performed, and problems with the analysis of samples. Also include a discussion of any SOW Modified Analyses, including a copy of the approved modification form with the SDG Narrative.
- The Initial analysis data are reported with a dilution factor of 1.0 and a final volume of 500 mL, per the SOW.
- Report the additional LCS as "LCSD" in the raw data and in the EDD with QCType "Laboratory_Control_Sample_Duplicate".
- Report the additional Matrix Spike with an "SRE" suffix in the raw data and EDD.
- Report any Post-Digestion Spike of the additional 5x Matrix Spike with an "ARE" suffix.

From: Hairston, Miles (NE) <Miles.Hairston@gdit.com>
Sent: Monday, June 10, 2024 3:37 PM
To: Deepak Parmar; Sohil Jodhani; Mohammad Ahmed
Cc: R9RSCC (R9RSCC@epa.gov); carmon.jamie@epa.gov; Spiegel, Michael (he/him/his)
Subject: Region 09 | Case 51495 | Lab ACE | Issue Samples received at an elevated temperature | FINAL

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon,

Please advise on the issue below.

Issue: The laboratory received samples without ice. The coolers had temperatures 24.2 degrees C, 23.2 degrees C, 23.8 degrees C, 24.1 degrees C, and 26.1 degrees C upon arrival. The laboratory would like to know how to proceed.
Resolution: Per Region 9, Case 51495 is for metals. There are no rinsates in those cooler so they don't require ice. The laboratory should note the issue in the SDG narrative and proceed with the analysis of the samples.

Please note that the laboratory will have to contact the appropriate CLP COR should any defects need to be waived for this issue.

Thanks,
Miles Hairston
Associate Environmental Analyst
Under contract to EPA
QSS Coordinator – EPA Regions 1, 8, and 9

Work Phone: +1 571-454-0346
Miles.Hairston@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com

Leave alert: N/A

GENERAL DYNAMICS
Automation Technology

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From: R9RSCC <R9RSCC@epa.gov>
Sent: Monday, June 10, 2024 3:23 PM
To: Hairston, Miles (NE) <Miles.Hairston@gdit.com>
Cc: R9RSCC <R9RSCC@epa.gov>
Subject: RE: Region 09 | Case 51495 | Lab ACE | Issue Samples received at an elevated temperature

This Message Is From an External Sender

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

Hi Miles,

Case 51495 is for metals. The client said there are no rinsates in those cooler so they don't require ice. Please have the lab proceed with analysis.

Thanks

-Jamie

Jamie Carmon (she/her)

Region 9

RSCC (Regional Sample Control Coordinator)

Phone: 510-412-2389

Email: R9RSCC@epa.gov

From: Hairston, Miles (NE) <Miles.Hairston@gdit.com>

Sent: Monday, June 10, 2024 11:35 AM

To: R9RSCC <R9RSCC@epa.gov>; Carmon, Jamie (she/her/hers) <Carmon.Jamie@epa.gov>; Spiegel, Michael (he/him/his) <Spiegel.Michael@epa.gov>

Subject: Region 09 | Case 51495 | Lab ACE | Issue Samples received at an elevated temperature

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Good afternoon,

Please advise on the issue below.

Issue: The laboratory received samples without ice. The coolers had temperatures 24.2 degrees C, 23.2 degrees C, 23.8 degrees C, 24.1 degrees C, and 26.1 degrees C upon arrival. The laboratory would like to know how to proceed.

Thanks,

Miles Hairston

Associate Environmental Analyst

Under contract to EPA

QSS Coordinator – EPA Regions 1, 8, and 9

Work Phone: +1 571-454-0346

Miles.Hairston@gdit.com

15036 Conference Center Drive

Chantilly, VA 20151

www.gdit.com

Leave alert: N/A

GENERAL DYNAMICS
Information Technology

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From: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Sent: Monday, June 10, 2024 1:54 PM
To: Hairston, Miles (NE) <Miles.Hairston@gdit.com>
Cc: Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Subject: RE: Region 09 | Case 51495 | 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,

the temperature of the cooler upon arrival is 24.2,23.2,23.8,24.1,26.1 without ice .

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    

From: Hairston, Miles (NE) <Miles.Hairston@gdit.com>
Sent: Monday, June 10, 2024 1:46 PM
To: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Cc: Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Subject: Region 09 | Case 51495 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon,

What was the temperature of the cooler upon arrival?

Thanks,
Miles Hairston
Associate Environmental Analyst
Under contract to EPA
QSS Coordinator – EPA Regions 1, 8, and 9

Work Phone: +1 571-454-0346
Miles.Hairston@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
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Leave alert: N/A



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From: Deepak Parmar <Deepak.Parmar@alliancetg.com>

Sent: Monday, June 10, 2024 1:06 PM

To: Hairston, Miles (NE) <Miles.Hairston@gdit.com>

Cc: Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>

Subject: Region 09 | Case 51495 | 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 morning ,

Sample received for Case 51495 without ice ,there for lab like to confirm that can lab proceed with the analysis of the sample ?

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: 6/13/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 13:45
In Date: 06/12/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 07:47
Out Date: 06/13/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB131191

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
P2820-01	MYD5D0	1	1.14	8.66	9.8	9.65	98.3	
P2820-02	MYD5D1	2	1.17	8.36	9.53	9.15	95.5	
P2820-03	MYD5D2	3	1.17	8.67	9.84	9.7	98.4	
P2820-04	MYD5D3	4	1.17	8.46	9.63	9.51	98.6	
P2820-05	MYD5D4	5	1.19	8.37	9.56	9.31	97.0	
P2820-06	MYD5D4D	6	1.19	8.37	9.56	9.31	97.0	
P2820-07	MYD5D4S	7	1.19	8.37	9.56	9.31	97.0	
P2820-08	MYD5D5	8	1.18	8.48	9.66	9.26	95.3	
P2820-09	MYD5D6	9	1.18	8.68	9.86	9.54	96.3	
P2820-10	MYD5D7	10	1.16	8.74	9.9	9.66	97.3	
P2820-11	MYD5D8	11	1.17	8.36	9.53	9.3	97.2	
P2820-12	MYD5D9	12	1.16	8.53	9.69	9.54	98.2	
P2820-13	MYD5E0	13	1.17	8.36	9.53	9.3	97.2	
P2820-14	MYD5E1	14	1.19	8.48	9.67	9.25	95.0	
P2820-15	MYD5E2	15	1.19	8.60	9.79	9.51	96.7	
P2820-16	MYD5E4	16	1.16	8.36	9.52	9.17	95.8	
P2820-17	MYD5E5	17	1.18	8.59	9.77	9.54	97.3	
P2820-18	MYD5E6	18	1.15	8.42	9.57	9.37	97.6	
P2820-19	MYD5E7	19	1.16	8.53	9.69	9.54	98.2	
P2820-20	MYD5E8	20	1.19	8.48	9.67	9.54	98.5	

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

WORKLIST(Hardcopy Internal Chain)

131191

WorkList Name : %1-p2820

WorkList ID : 181014

Department : Wet-Chemistry

Date : 06-12-2024 10:33:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2820-01	MYD5D0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-02	MYD5D1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-03	MYD5D2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-04	MYD5D3	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-05	MYD5D4	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-06	MYD5D4D	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-07	MYD5D4S	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-08	MYD5D5	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-09	MYD5D6	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-10	MYD5D7	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-11	MYD5D8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-12	MYD5D9	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-13	MYD5E0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-14	MYD5E1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-15	MYD5E2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-16	MYD5E4	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-17	MYD5E5	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-18	MYD5E6	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-19	MYD5E7	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-20	MYD5E8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO

Date/Time 06/12/24 13:15
 Raw Sample Received by: af sm
 Raw Sample Relinquished by: af sm

Date/Time 06/12/24 13:50
 Raw Sample Received by: af sm
 Raw Sample Relinquished by: af sm