

SDG COVER PAGE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No.: 3221.2 SDG No.: MYD456
 SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	Analysis Method			
		ICP-AES	ICP-MS	Mercury	Cyanide
MYD455	P2785-01		X		
MYD456	P2785-02		X		
MYD457	P2785-03		X		
MYD458	P2785-04		X		
MYD459	P2785-05		X		
MYD459D	P2785-06		X		
MYD459S	P2785-07		X		
MYD460	P2785-08		X		
MYD461	P2785-09		X		
MYD462	P2785-10		X		
MYD463	P2785-11		X		
MYD464	P2785-12		X		
MYD465	P2785-13		X		
MYD466	P2785-14		X		
MYD467	P2785-15		X		
MYD468	P2785-16		X		
MYD469	P2785-17		X		
MYD470	P2785-18		X		
MYD471	P2785-19		X		
MYD472	P2785-20		X		
MYD473	P2785-21		X		
MYD474	P2785-22		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 # MYD455 & MYD456

USEPA CLP COC (LAB COPY)

CHAIN OF CUSTODY RECORD

No: 9-060524-100846-0058

Date Shipped: 6/6/2024

Lab: Alliance Technical Group LLC

Carrier Name: FedEx

Lab Contact: Mohammad Ahmed

Airbill No: 7767 1587 9332

Case #: 51495
Cooler #: 51495-058

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
2119A_2119B-Q-00004-01	MYD455	Soil/ REAC	Grab	ICP-AES 11(21)	9-3363 (None) (1)	2119A_2119B-Q-00004	06/04/2024 10:34	
2119A_2119B-Q-00010-01	MYD456	Soil/ REAC	Grab	ICP-AES 11(21)	9-3364 (None) (1)	2119A_2119B-Q-00010	06/04/2024 10:28	
2119A_2119B-W-00005-01	MYD457	Soil/ ERT	Grab	ICP-AES 11(21)	9-3365 (None) (1)	2119A_2119B-W-00005	06/04/2024 10:23	
2119A_2119B-Q-00002-01	MYD458	Soil/ REAC	Grab	ICP-AES 11(21)	9-3366 (None) (1)	2119A_2119B-Q-00002	06/04/2024 10:25	
2119A_2119B-Q-00009-03	MYD459	Soil/ REAC	Grab	ICP-AES 11(21)	9-3367 (None) (1)	2119A_2119B-Q-00009	06/04/2024 10:18	•
2119A_2119B-W-00008-01	MYD460	Soil/ ERT	Grab	ICP-AES 11(21)	9-3368 (None) (1)	2119A_2119B-W-00008	06/04/2024 10:15	
2119A_2119B-P-00002-01	MYD461	Soil/ REAC	Grab	ICP-AES 11(21)	9-3369 (None) (1)	2119A_2119B-P-00002	06/04/2024 10:12	
2119A_2119B-W-00001-02	MYD462	Soil/ ERT	Grab	ICP-AES 11(21)	9-3370 (None) (1)	2119A_2119B-W-00001	06/04/2024 10:11	
2119A_2119B-W-00001-01	MYD463	Soil/ ERT	Grab	ICP-AES 11(21)	9-3371 (None) (1)	2119A_2119B-W-00001	06/04/2024 10:05	
2119A_2119B-T-00010-01	MYD464	Soil/ ERT	Grab	ICP-AES 11(21)	9-3372 (None) (1)	2119A_2119B-T-00010	06/04/2024 08:51	

Sample(s) to be used for Lab QC: 2119A_2119B-Q-00009-03 Tag 9-3367 - 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
SNP TO Lab	Carrollina Cuyler	6/6/2024 15:00		6-7-24 0920	219C IM644 #1
					Custody seals intact
					PO Temp OK.

68HERH20D0011

SDG # MYD455 & MYD456

USEPA CLP COC (LAB COPY)

CHAIN OF CUSTODY RECORD

No: 9-060524-100846-0058

Date Shipped: 6/6/2024

Lab: Alliance Technical Group LLC

Carrier Name: FedEx

Lab Contact: Mohammad Ahmed

Airbill No: 7767 1587 9332

Case #: 51495
Cooler #: 51495-058

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
2119A_2119B-C-00009-01	MYD465	Soil/ REAC	Grab	ICP-AES 11(21)	9-3373 (None) (1)	2119A_2119B-C-00009	06/04/2024 10:04	
2119A_2119B-Q-00001-02	MYD466	Soil/ REAC	Grab	ICP-AES 11(21)	9-3374 (None) (1)	2119A_2119B-Q-00001	06/04/2024 10:41	
2119A_2119B-P-00009-01	MYD467	Soil/ REAC	Grab	ICP-AES 11(21)	9-3375 (None) (1)	2119A_2119B-P-00009	06/04/2024 10:01	
2119A_2119B-W-00002-01	MYD468	Soil/ ERT	Grab	ICP-AES 11(21)	9-3376 (None) (1)	2119A_2119B-W-00002	06/04/2024 10:00	
2119A_2119B-C-00006-01	MYD469	Soil/ REAC	Grab	ICP-AES 11(21)	9-3377 (None) (1)	2119A_2119B-C-00006	06/04/2024 10:00	
2119A_2119B-W-00009-01	MYD470	Soil/ ERT	Grab	ICP-AES 11(21)	9-3378 (None) (1)	2119A_2119B-W-00009	06/04/2024 09:48	
2119A_2119B-C-00004-01	MYD471	Soil/ REAC	Grab	ICP-AES 11(21)	9-3379 (None) (1)	2119A_2119B-C-00004	06/04/2024 09:56	
2119A_2119B-P-S00001-01	MYD472	Soil/ REAC	Grab	ICP-AES 11(21)	9-3380 (None) (1)	2119A_2119B-P-S00001	06/04/2024 09:56	
2119A_2119B-P-00004-01	MYD473	Soil/ REAC	Grab	ICP-AES 11(21)	9-3381 (None) (1)	2119A_2119B-P-00004	06/04/2024 09:55	
2119A_2119B-C-00001-01	MYD474	Soil/ REAC	Grab	ICP-AES 11(21)	9-3382 (None) (1)	2119A_2119B-C-00001	06/04/2024 09:55	

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
SHIP TO LADP	Caroline Curgenue Weston	6/6/2024 15:00		6-7-24 0920	24.9C FALGUN #1
					custody seals intact
					no Temp. Bkt.

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>Gorge Ngonu</u>		Log-in Date 6/7/2024
Received By (Signature) <u>[Signature]</u>		
Case Number 51495	SDG No. MYD455 & MYD456	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>776715879332</u> <u>1</u>
6. Shipping Container Temperature Indicator Bottle	Absent
7. Shipping Container Temperature	<u>21.9</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>06/07/2024</u>
12. Time Received	<u>09:20</u>

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding		Remarks: Condition of Sample Shipment, etc.
			Sample Tag #	Assigned Lab #	
1	MYD455	N/A	9-3363	P2785-01	Intact
2	MYD456	N/A	9-3364	P2785-02	Intact
3	MYD457	N/A	9-3365	P2785-03	Intact
4	MYD458	N/A	9-3366	P2785-04	Intact
5	MYD459	N/A	9-3367	P2785-05	Intact
6	MYD459D	N/A	9-3367	P2785-06	Intact
7	MYD459S	N/A	9-3367	P2785-07	Intact
8	MYD460	N/A	9-3368	P2785-08	Intact
9	MYD461	N/A	9-3369	P2785-09	Intact
10	MYD462	N/A	9-3370	P2785-10	Intact
11	MYD463	N/A	9-3371	P2785-11	Intact
12	MYD464	N/A	9-3372	P2785-12	Intact
13	MYD465	N/A	9-3373	P2785-13	Intact
14	MYD466	N/A	9-3374	P2785-14	Intact
15	MYD467	N/A	9-3375	P2785-15	Intact
16	MYD468	N/A	9-3376	P2785-16	Intact
17	MYD469	N/A	9-3377	P2785-17	Intact
18	MYD470	N/A	9-3378	P2785-18	Intact
19	MYD471	N/A	9-3379	P2785-19	Intact
20	MYD472	N/A	9-3380	P2785-20	Intact
21	MYD473	N/A	9-3381	P2785-21	Intact
22	MYD474	N/A	9-3382	P2785-22	Intact
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>6/12/24</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.	MYD456
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	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	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	39	✓	
18. Instrument raw data by instrument in analysis order	40	879	✓	
Other Data				
19. Standard and Reagent Preparation Logs	880	1028	✓	
20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	1029	1030	✓	
21. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	1031	1041	✓	
22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	

- 23 . Extraction Logs for TCLP and SPLP
- 24 . Raw GPC Data
- 25 . Raw Florisil Data

PAGE NOS:		CHECK	
FROM	TO	LAB	REGION
NA	NA	✓	
NA	NA	✓	
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
- 27 . Instrument raw data by instrument in analysis order

NA	NA	✓	
NA	NA	✓	

Other Data

- 28 . Standard and Reagent Preparation Logs
- 29 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks
- 30 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks
- 31 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions
- 32 . Extraction Logs for TCLP and SPLP
- 33 . Raw GPC Data
- 34 . Raw Florisil Data

NA	NA	✓	
NA	NA	✓	
NA	NA	✓	
NA	NA	✓	
NA	NA	✓	
NA	NA	✓	
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
- 36 . Instrument raw data by instrument in analysis order

NA	NA	✓	
NA	NA	✓	

Other Data

- 37 . Standard and Reagent Preparation Logs
- 38 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks
- 39 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks
- 40 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions
- 41 . Extraction Logs for TCLP and SPLP
- 42 . Raw GPC Data
- 43 . Raw Florisil Data

NA	NA	✓	
NA	NA	✓	
NA	NA	✓	
NA	NA	✓	
NA	NA	✓	
NA	NA	✓	
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



**284 Sheffield Street
Mountainside, NJ 07092**

SDG NARRATIVE

USEPA

SDG # MYD456

CASE # 51495

CONTRACT # 68HERH20D0011

SOW# SFAM01.1

LAB NAME: Alliance Technical Group, LLC

LAB CODE: ACE

LAB ORDER ID #P2785

MODIFIED ANALYSIS#3221.2

A. Number of Samples and Date of Receipt

20 Soil sample were delivered to the laboratory intact on 06/07/2024.

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: 21.9°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 MYD455 For Arsenic:

If C = 198.06 ppb

Vf = 500 ml

W = 1.30 g

S = 0.971(97.1/100)

DF = 1

$$\text{Concentration (mg/kg)} = 198.06 \times \frac{500}{1.30 \times 0.971} \times 1 / 1000$$

$$= 78.4520 \text{ mg/kg}$$

$$= 79 \text{ mg/kg (Reported Result with Signification)}$$

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(MYD459SRE) sample did meet requirements except for Arsenic, Lead. Duplicate sample did meet requirements except for Nickel. Serial Dilution did meet requirements.



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Mountainside, NJ 07092**

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

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		
<p>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.</p>		
I. Analyte Modifications		Not applicable <input checked="" type="checkbox"/>
II. Calibration and QC Requirements		Not applicable <input type="checkbox"/>
<p>The Laboratory shall:</p> <ul style="list-style-type: none"> • 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 <input type="checkbox"/>
<p>The Laboratory shall:</p> <ul style="list-style-type: none"> • Prepare and analyze the sample by EPA Draft Method 3050C as follows: <ul style="list-style-type: none"> ○ 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

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 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
www.gdit.com

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: 6/10/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 14:15
In Date: 06/08/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:00
Out Date: 06/09/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB131139

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
P2785-01	MYD455	1	1.18	8.72	9.9	9.65	97.1	
P2785-02	MYD456	2	1.15	8.43	9.58	9.22	95.7	
P2785-03	MYD457	3	1.18	8.64	9.82	9.58	97.2	
P2785-04	MYD458	4	1.17	8.67	9.84	9.58	97.0	
P2785-05	MYD459	5	1.18	8.74	9.92	9.53	95.5	
P2785-06	MYD459D	6	1.18	8.74	9.92	9.53	95.5	
P2785-07	MYD459S	7	1.18	8.74	9.92	9.53	95.5	
P2785-08	MYD460	8	1.18	8.55	9.73	9.27	94.6	
P2785-09	MYD461	9	1.18	8.69	9.87	9.64	97.4	
P2785-10	MYD462	10	1.19	8.44	9.63	9.34	96.6	
P2785-11	MYD463	11	1.18	8.59	9.77	9.44	96.2	
P2785-12	MYD464	12	1.16	8.81	9.97	9.7	96.9	
P2785-13	MYD465	13	1.15	8.40	9.55	9.36	97.7	
P2785-14	MYD466	14	1.16	8.40	9.56	9.32	97.1	
P2785-15	MYD467	15	1.19	8.53	9.72	9.48	97.2	
P2785-16	MYD468	16	1.18	8.53	9.71	9.54	98.0	
P2785-17	MYD469	17	1.19	8.58	9.77	9.58	97.8	
P2785-18	MYD470	18	1.15	8.36	9.51	9.22	96.5	
P2785-19	MYD471	19	1.12	8.57	9.69	9.32	95.7	
P2785-20	MYD472	20	1.19	8.45	9.64	9.44	97.6	
P2785-21	MYD473	21	1.18	8.55	9.73	9.38	95.9	
P2785-22	MYD474	22	1.1	8.78	9.88	9.7	97.9	

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

WORKLIST(Hardcopy Internal Chain)

13/1139

WorkList Name : %1-P2785

WorkList ID : 180918

Department : Wet-Chemistry

Date : 06-08-2024 10:43:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2785-01	MYD455	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-02	MYD456	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-03	MYD457	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-04	MYD458	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-05	MYD459	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-06	MYD459D	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-07	MYD459S	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-08	MYD460	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-09	MYD461	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-10	MYD462	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-11	MYD463	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-12	MYD464	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-13	MYD465	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-14	MYD466	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-15	MYD467	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-16	MYD468	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-17	MYD469	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-18	MYD470	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-19	MYD471	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-20	MYD472	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-21	MYD473	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO

Date/Time 06/08/24 13:10

Raw Sample Received by: 78 Gule,

Raw Sample Relinquished by: RS (Eda-146)

Date/Time

06/08/24

Raw Sample Received by:

RS (Eda-146)

Raw Sample Relinquished by:

78 Gule

WORKLIST(Hardcopy Internal Chain)

131139

WorkList Name : %1-P2785 WorkList ID : 180918 Department : Wet-Chemistry Date : 06-08-2024 10:43:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2785-22	MYD474	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO

Date/Time 06/08/24 13:10
Raw Sample Received by: JH WRC,
Raw Sample Relinquished by: RJ LECT-1462

Date/Time 06/08/24 14:20
Raw Sample Received by: RJ LECT-1462
Raw Sample Relinquished by: JH WRC.