

## SDG COVER PAGE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
Lab Code: ACE Case No.: 51682 MA No.: \_\_\_\_\_ SDG No.: MJHJ00  
SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	ICP-AES	Analysis Method		
			ICP-MS	Mercury	Cyanide
<u>MJHJ00</u>	<u>P4434-01</u>	<u>X</u>	<u>          </u>	<u>          </u>	<u>          </u>
<u>MJHJ10</u>	<u>P4434-02</u>	<u>X</u>	<u>          </u>	<u>          </u>	<u>          </u>
<u>MJHJ11</u>	<u>P4434-03</u>	<u>X</u>	<u>          </u>	<u>          </u>	<u>          </u>
<u>MJHJ12</u>	<u>P4434-04</u>	<u>X</u>	<u>          </u>	<u>          </u>	<u>          </u>
<u>MJHJ13</u>	<u>P4434-05</u>	<u>X</u>	<u>          </u>	<u>          </u>	<u>          </u>
<u>MJHJ14</u>	<u>P4434-06</u>	<u>X</u>	<u>          </u>	<u>          </u>	<u>          </u>
<u>MJHJ15</u>	<u>P4434-07</u>	<u>X</u>	<u>          </u>	<u>          </u>	<u>          </u>
<u>MJHJ16</u>	<u>P4434-08</u>	<u>X</u>	<u>          </u>	<u>          </u>	<u>          </u>
<u>MJHJ17</u>	<u>P4434-09</u>	<u>X</u>	<u>          </u>	<u>          </u>	<u>          </u>
<u>MJHJ18</u>	<u>P4434-10</u>	<u>X</u>	<u>          </u>	<u>          </u>	<u>          </u>
<u>MJHJ19</u>	<u>P4434-11</u>	<u>X</u>	<u>          </u>	<u>          </u>	<u>          </u>
<u>MJHJ19D</u>	<u>P4434-12</u>	<u>X</u>	<u>          </u>	<u>          </u>	<u>          </u>
<u>MJHJ19S</u>	<u>P4434-13</u>	<u>X</u>	<u>          </u>	<u>          </u>	<u>          </u>

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 # MJHJ00

## USEPA CLP COC (LAB COPY)

Date Shipped: 10/17/2024

Carrier Name: FedEx

Airbill No: 7793 0704 1598

## CHAIN OF CUSTODY RECORD

Case #: 51682

Cooler #: 10

No: 10-101624-111102-0075

Lab: Alliance Technical Group LLC

Contact Name: Rylee Jensen

Contact Phone: (208)608-0935

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
24424450	MJHJ00	Soil_Surface/ Critchlow_Magg y	Grab	ICP-AES(7)/PR	A (None) (1)	UCR24-98-AL-1- SS-00-03	10/14/2024 14:48	
24424451	MJHJ10	Soil_Surface/ Critchlow_Magg y	Grab	ICP-AES(7)/PR	A (None) (1)	UCR24-98-AL-2- SS-00-03	10/14/2024 14:53	
24424452	MJHJ11	Soil_Surface/ Critchlow_Magg y	Grab	ICP-AES(7)/PR	A (None) (1)	UCR24-98-AL-3- SS-00-03	10/14/2024 15:13	
24424453	MJHJ12	Soil_Surface/ Critchlow_Magg y	Grab	ICP-AES(7)/PR	A (None) (1)	UCR24-98-AL-3- SS-00-03-02	10/14/2024 15:14	
24424454	MJHJ13	Soil_Surface/ Critchlow_Magg y	Grab	ICP-AES(7)/PR	A (None) (1)	UCR24-98-AL-4- SS-00-03	10/14/2024 15:21	
24424455	MJHJ14	Soil_Surface/ Critchlow_Magg y	Grab	ICP-AES(7)/PR	A (None) (1)	UCR24-98-AL-5- SS-00-03	10/14/2024 15:31	
24424456	MJHJ15	Soil_Surface/ Critchlow_Magg y	Grab	ICP-AES(7)/PR	A (None) (1)	UCR24-98-AL-1- SS-00-03	10/16/2024 10:27	

Special Instructions: Use included return label to send back cooler

Analysis Key: ICP-AES=ICP-AES

Shipment for Case Complete? Y

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
Shipping samples	Margue C Western	10/17/24 10:58		9:15 10-16-24	IF Cont 1 16.5
					Custody Seal Intact
					Temp Blank present
					NO TCE



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>Gregorio Pena</u>		Log-in Date <b>10/18/2024</b>
Received By (Signature) <u>[Signature]</u>		
Case Number <b>51682</b>	SDG No. <b>MJHJ00</b>	MA No. <b>N/A</b>

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.	<u>779307041598</u> <u>1</u>
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	<u>16.5</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>10/18/2024</u>
12. Time Received	<u>09:15</u>

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding		Remarks: Condition of Sample Shipment, etc.
			Sample Tag #	Assigned Lab #	
1	MJHJ00	N/A	A	P4434-01	Intact
2	MJHJ10	N/A	A	P4434-02	Intact
3	MJHJ11	N/A	A	P4434-03	Intact
4	MJHJ12	N/A	A	P4434-04	Intact
5	MJHJ13	N/A	A	P4434-05	Intact
6	MJHJ14	N/A	A	P4434-06	Intact
7	MJHJ15	N/A	A	P4434-07	Intact
8	MJHJ16	N/A	A	P4434-08	Intact
9	MJHJ17	N/A	A	P4434-09	Intact
10	MJHJ18	N/A	A	P4434-10	Intact
11	MJHJ19	N/A	A	P4434-11	Intact
12	MJHJ19D	N/A	A	P4434-12	Intact
13	MJHJ19S	N/A	A	P4434-13	Intact
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 <u>[Signature]</u>	Logbook No. <b>N/A</b>
Date <u>10/18/24</u>	Logbook Page No. <b>N/A</b>

FORM DC-2  
COMPLETE SDG FILE (CSF) INVENTORY SHEET

LAB NAME	Alliance Technical Group, LLC		
LAB CODE	ACE		
CONTRACT NO.	68HERH20D0011		
CASE NO.	51682	SDG NO.	MJHJ00
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:		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	10	✓	
6. Communication Logs	11	15	✓	
7. Percent Solids Log	16	17	✓	

**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	18	28	✓	
9. Instrument raw data by instrument in analysis order	29	379	✓	

**Other Data**

10. Standard and Reagent Preparation Logs	380	530	✓	
11. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	531	532	✓	
12. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	533	541	✓	
13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	
14. Extraction Logs for TCLP and SPLP	NA	NA	✓	
15. Raw GPC Data	NA	NA	✓	
16. Raw Florisil Data	NA	NA	✓	

**Analysis Forms and Data (ICP-MS)**

17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	NA	NA	✓	
18. Instrument raw data by instrument in analysis order	NA	NA	✓	

**Other Data**

19. Standard and Reagent Preparation Logs	NA	NA	✓	
20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	NA	NA	✓	
21. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	NA	NA	✓	
22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	

	PAGE NOS:		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
542	542	✓	
NA	NA	✓	
543	544	✓	
NA	NA	✓	
545	545	✓	
NA	NA	✓	



**284 Sheffield Street  
Mountainside, NJ 07092**

## **SDG NARRATIVE**

**USEPA**

**SDG # MJHJ00**

**CASE # 51682**

**CONTRACT # 68HERH20D0011**

**SOW# SFAM01.1**

**LAB NAME: Alliance Technical Group, LLC**

**LAB CODE: ACE**

**LAB ORDER ID # P4434**

### **A. Number of Samples and Date of Receipt**

11 Soil samples were delivered to the laboratory intact on 10/18/2024.

### **B. Parameters**

Test requested for Metals CLP4 = Arsenic, Lead

### **C. Cooler Temp**

Indicator Bottle: Presence/Absence

Cooler: 16.5°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 routine soil samples for ICP-AES analysis but there was not a sample designated for laboratory QC. The laboratory has selected sample MJHJ19 for laboratory QC and confirmed that it is not a PE, blank, or rinsate sample.

### **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 SFAM01.1 Exhibit A, Section 5.5.4.1., the laboratory will 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.

Inter Element correction factors (IECs) are determined annually and correction factor are applied during ICP-AES analysis.

#### **G. Calculation:**

##### **Calculation for ICP-AES Soil Sample:**

Conversion of Results from mg/L or ppm to mg/kg (Dry Weight Basis):

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

Where,

C = Instrument value in ppm (The average of all replicate exposures)

Vf = Final digestion volume (mL)

W = Initial aliquot amount (g) (Sample amount taken in prep)

S = % Solids / 100 (Fraction of Percent Solids)

DF = Dilution Factor

##### **Example Calculation For Sample MJHJ00 For Arsenic:**

If C = ppm

Vf = 100 ml

W = 1.25g

S = 0.965(96.5/100)

DF = 1

$$\text{Concentration (mg/kg)} = 0.0411466 \times \frac{100}{1.25 \times 0.965} \times 1$$

$$= 3.4111 \text{ mg/kg}$$

$$= 3.4 \text{ mg/kg (Reported Result with Signification)}$$

#### **H. QA/ QC**

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



**284 Sheffield Street  
Mountainside, NJ 07092**

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, October 18, 2024 11:59 AM  
**To:** Deepak Parmar; Sohil Jodhani; Mohammad Ahmed  
**Cc:** Johnson, Matthew; Bauer, Heather E; Dunn, Meghan (she/her/hers); Matheny, Don; Reece, Caitlin  
**Subject:** Region 10 | Case 51682 | Lab ACE | Issue Insufficient/inappropriate designation of laboratory QC | FINAL  
**Attachments:** 51682-COC.pdf

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Good morning,

Please see the below resolution. Additionally, please note that Region 10 has confirmed that these samples should be analyzed by routine ICP-AES Metals analysis, they are not scheduled under MA 3087.1.

Issue: The laboratory received routine soil samples for ICP-AES analysis but there was not a sample designated for laboratory QC. The laboratory has selected sample MJHJ19 for laboratory QC and confirmed that it is not a PE, blank, or rinsate sample.

Resolution: Per SFAM01.1 Exhibit A, Section 5.5.4.1., the laboratory will 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](mailto:casey.shaeffer@gdit.com)  
15036 Conference Center Drive  
Chantilly, VA 20151  
[www.gdit.com](http://www.gdit.com)

**GENERAL DYNAMICS**  
AEROSPACE

**Leave Alert: November 19, 2024 after noon**

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**From:** Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>  
**Sent:** Friday, October 18, 2024 11:52 AM  
**To:** Shaeffer, Casey <Casey.Shaeffer@gdit.com>; Reece, Caitlin <Reece.Caitlin@epa.gov>; Matheny, Don <Matheny.Don@epa.gov>  
**Subject:** RE: Region 10 | Case 51682 | Lab ACE | Issue Insufficient/inappropriate designation of laboratory QC

**This Message Is From an External Sender**

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

Hi Casey,

These should be analyzed by routine ICP-AES, not under MA 3087.1. So the standing resolution works well for this sample set.

Thank you!

-Meghan



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

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**From:** Shaeffer, Casey <[Casey.Shaeffer@gdit.com](mailto:Casey.Shaeffer@gdit.com)>  
**Sent:** Friday, October 18, 2024 8:04 AM  
**To:** Dunn, Meghan (she/her/hers) <[dunn.meghan@epa.gov](mailto:dunn.meghan@epa.gov)>; Reece, Caitlin <[Reece.Caitlin@epa.gov](mailto:Reece.Caitlin@epa.gov)>; Matheny, Don <[Matheny.Don@epa.gov](mailto:Matheny.Don@epa.gov)>  
**Subject:** Region 10 | Case 51682 | Lab ACE | Issue Insufficient/inappropriate designation of laboratory QC

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

Good morning,

Please note the laboratory has provided supplemental information so a standing resolution may be applied to the issue below. Additionally, would the Region please confirm if these samples should be analyzed under MA 3087.1? The laboratory previously received 1-2g of sample volume in 40mL vials for samples under MA 3087.1, but the samples for this shipment were received in 8oz jars. The COC does not indicate that these samples should be analyzed under MA 3087.1.

Issue: The laboratory received soil samples for Case 51682 but there was not sample designated for laboratory QC. The laboratory has selected sample MJHJ19 for laboratory QC and confirmed that it is not a PE, blank, or rinsate sample.

Resolution: Per SFAM01.1 Exhibit A, Section 5.5.4.1., the laboratory will 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](mailto:casey.shaeffer@gdit.com)  
15036 Conference Center Drive  
Chantilly, VA 20151  
[www.gdit.com](http://www.gdit.com)



**Leave Alert: November 19, 2024 after noon**

---

**From:** Sohil Jodhani [Sohil.Jodhani@alliancetg.com](mailto:Sohil.Jodhani@alliancetg.com)  
**Sent:** Friday, October 18, 2024 10:50 AM  
**To:** Shaeffer, Casey [Casey.Shaeffer@gdit.com](mailto:Casey.Shaeffer@gdit.com)  
**Cc:** Deepak Parmar [Deepak.Parmar@AllianceTG.com](mailto:Deepak.Parmar@AllianceTG.com)  
**Subject:** RE: Region 10 | Case 51682 | Lab ACE | Issue Insufficient/inappropriate designation of laboratory QC

**This Message Is From an External Sender**

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

Hi Casey,

Looks like these samples are not required MA 3087.1 .

**Thanks & Regards,**



**Sohil Jodhani**  
QA/QC Director  
An Alliance Technical Group Company  
Main: 908-789-8900  
Direct: 908-728-3152  
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092  
[www.alliancetg.com](http://www.alliancetg.com)

**From:** Sohil Jodhani <[Sohil.Jodhani@alliancetg.com](mailto:Sohil.Jodhani@alliancetg.com)>  
**Sent:** Friday, October 18, 2024 10:43 AM

**To:** Shaeffer, Casey <[Casey.Shaeffer@gdit.com](mailto:Casey.Shaeffer@gdit.com)>

**Cc:** Deepak Parmar <[Deepak.Parmar@AllianceTG.com](mailto:Deepak.Parmar@AllianceTG.com)>

**Subject:** RE: Region 10 | Case 51682 | Lab ACE | Issue Insufficient/inappropriate designation of laboratory QC

**This Message Is From an External Sender**

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

Hi Casey,

Please disregard below email as we have sufficient volume to perform the analysis. We received limited volume for the samples near 1-2g in a 40mL vials. However, for this shipment we have received full 8oz jar with the samples therefore lab would like to confirm that should lab proceed with the analysis of these samples as samples required PR?

Lab has received more than enough sample volume therefore lab can use sample MJHJ19 for Lab QC for ICP-AES analysis.

Thanks & Regards,



**Sohil Jodhani**

QA/QC Director

An Alliance Technical Group Company

Main: 908-789-8900

Direct: 908-728-3152

Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

[www.alliancetg.com](http://www.alliancetg.com)



---

**From:** Shaeffer, Casey

**Sent:** Friday, October 18, 2024 10:01 AM

**To:** Dunn, Meghan (she/her/hers) [dunn.meghan@epa.gov](mailto:dunn.meghan@epa.gov); Reece, Caitlin [Reece.Caitlin@epa.gov](mailto:Reece.Caitlin@epa.gov); Matheny, Don [matheny.don@epa.gov](mailto:matheny.don@epa.gov)

**Subject:** Region 10 | Case 51682 | Lab ACE | Issue Insufficient/inappropriate designation of laboratory QC

Good morning,

Please see the below issue from ACE.

Issue: The laboratory received soil samples for Case 51682 but did not receive sufficient volume to perform laboratory QC for SDG MJHJ00. 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](mailto:casey.shaeffer@gdit.com)  
15036 Conference Center Drive  
Chantilly, VA 20151  
[www.gdit.com](http://www.gdit.com)



**Leave Alert: November 19, 2024 after noon**

**From:** Deepak Parmar <[Deepak.Parmar@alliancetg.com](mailto:Deepak.Parmar@alliancetg.com)>  
**Sent:** Friday, October 18, 2024 9:54 AM  
**To:** Shaeffer, Casey <[Casey.Shaeffer@gdit.com](mailto:Casey.Shaeffer@gdit.com)>  
**Cc:** Sohil Jodhani <[Sohil.Jodhani@AllianceTG.com](mailto:Sohil.Jodhani@AllianceTG.com)>  
**Subject:** Region 10 | Case 51682 | Lab ACE | Issue Insufficient/inappropriate designation of laboratory QC




Hello Casey,

Lab has received soil samples under this case with MA 3087.1 requirement and samples required PR as well. Lab has not received any extra volume for the Lab QC therefore lab would like to confirm that lab will proceed without Lab QC for the SDG MJHJ00. Case is complete.

Please see attachment for your reference.

**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](http://www.alliancetg.com)    



PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 10/21/2024

OVENTEMP IN Celsius(°C): 107  
Time IN: 13:10  
In Date: 10/18/2024  
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: 10/19/2024  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB132998

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
P4434-01	MJHJ00	1	1.18	8.64	9.82	9.52	96.5	
P4434-02	MJHJ10	2	1.17	8.80	9.97	9.63	96.1	
P4434-03	MJHJ11	3	1.15	8.48	9.63	9.25	95.5	
P4434-04	MJHJ12	4	1.15	8.46	9.61	9.28	96.1	
P4434-05	MJHJ13	5	1.15	8.68	9.83	9.47	95.9	
P4434-06	MJHJ14	6	1.15	8.45	9.6	9.24	95.7	
P4434-07	MJHJ15	7	1.15	8.63	9.78	9.11	92.2	
P4434-08	MJHJ16	8	1.12	8.67	9.79	9.07	91.7	
P4434-09	MJHJ17	9	1.12	8.70	9.82	9.3	94.0	
P4434-10	MJHJ18	10	1.13	8.76	9.89	9.22	92.4	
P4434-11	MJHJ19	11	1.16	8.44	9.6	8.98	92.7	
P4434-12	MJHJ19D	12	1.16	8.44	9.6	8.98	92.7	
P4434-13	MJHJ19S	13	1.16	8.44	9.6	8.98	92.7	

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



# WORKLIST(Hardcopy Internal Chain)

132996

WorkList Name : %1-p4434 WorkList ID : 184585 Department : Wet-Chemistry Date : 10-18-2024 11:30:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4434-01	MJHJ00	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/14/2024	Chemtech -SO
P4434-02	MJHJ10	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/14/2024	Chemtech -SO
P4434-03	MJHJ11	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/14/2024	Chemtech -SO
P4434-04	MJHJ12	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/14/2024	Chemtech -SO
P4434-05	MJHJ13	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/14/2024	Chemtech -SO
P4434-06	MJHJ14	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/14/2024	Chemtech -SO
P4434-07	MJHJ15	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/14/2024	Chemtech -SO
P4434-08	MJHJ16	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/16/2024	Chemtech -SO
P4434-09	MJHJ17	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/16/2024	Chemtech -SO
P4434-10	MJHJ18	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/16/2024	Chemtech -SO
P4434-11	MJHJ19	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/16/2024	Chemtech -SO
P4434-12	MJHJ19D	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/16/2024	Chemtech -SO
P4434-13	MJHJ19S	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/16/2024	Chemtech -SO

Date/Time 10/18/24 12:40  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]

Date/Time 10/18/24 13:15  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]