

## SDG COVER PAGE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
Lab Code: ACE Case No.: 51878 MA No.: \_\_\_\_\_ SDG No.: E29Y8  
SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	ICP-AES	Analysis Method		
			ICP-MS	Mercury	Cyanide
<u>E29Y8</u>	<u>P4902-01</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>          </u>
<u>E2A12</u>	<u>P4902-02</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>          </u>
<u>E2A12D</u>	<u>P4902-03</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>          </u>
<u>E2A12S</u>	<u>P4902-04</u>	<u>X</u>	<u>X</u>	<u>X</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: \_\_\_\_\_

## USEPA CLP COC (LAB COPY)

## CHAIN OF CUSTODY RECORD

No: 5-111524-142027-0088

DateShipped: 11/15/2024

Lab: Alliance Technical Group LLC

CarrierName: FedEx

Lab Contact: Mohammad Ahmed

AirbillNo: 779989371860

Case #: 51878

Lab Phone: 908-789-8900

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SE-16-0-0-5-11152024	E29Y6	Sediment/ M. Hartman	Grab	SVOA+SIM+1,4-D SIM(21), ARO(21), PEST(21), ICP- MS+AES+Hg(21)	1576 (None), 1577 (None), 1578 (None), 1579 (None) (4)	SE-16	11/15/2024 12:25	✓
SE-17-0-0-5-11152024	E29Y7	Sediment/ M. Hartman	Grab	SVOA+SIM+1,4-D SIM(21), ARO(21), PEST(21), ICP- MS+AES+Hg(21)	1581 (None), 1582 (None), 1583 (None), 1584 (None) (4)	SE-17	11/15/2024 13:30	✓
SE-18-0-0-5-11152024	E29Y8	Sediment/ M. Hartman	Grab	SVOA+SIM+1,4-D SIM(21), ARO(21), PEST(21), ICP- MS+AES+Hg(21)	1586 (None), 1587 (None), 1588 (None), 1589 (None) (4)	SE-18	11/15/2024 14:50	① - <del>1585</del> T.M. ① SOS
DUP-SE-01-11152024	E2A11	Sediment/ M. Hartman	Grab	SVOA+SIM+1,4-D SIM(21), ARO(21), PEST(21), ICP- MS+AES+Hg(21)	1661 (None), 1662 (None), 1663 (None), 1664 (None) (4)	DUP-SE-01	11/15/2024 11:10	✓
DUP-SE-02-11152025	E2A12	Sediment/ M. Hartman	Grab	SVOA+SIM+1,4-D SIM(21), ARO(21), PEST(21), ICP- MS+AES+Hg(21)	1666 (None), 1667 (None), 1668 (None), 1669 (None) (4)	DUP-SE-02	11/15/2025 13:30	✓ ② ✓ ②

Special Instructions: SVOA+SIM (MA 3064.0) + 1,4-Dioxane SIM

244501-02

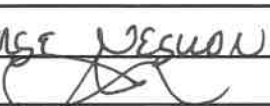
Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: SVOA+SIM+1,4-D SIM=CLP Semivolatiles+SIM, ARO=CLP PCB Aroclors, PEST=CLP Pesticides, ICP-MS+AES+Hg=CLP ICP-MS+AES Metals+Hg

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	Melvin Riden EA	11/15/24 18:00	✓	11-16-24 0905	20°C IDL GVRU #1
					Custody seals intact
					Temp. 21°C. preserved

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>GONGE WESLON</u>		Log-in Date <b>11/16/2024</b>
Received By (Signature) 		
Case Number <b>51878</b>	SDG No. <b>E29Y8</b>	MA No. <b>N/A</b>

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	<u>244501-02</u>
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	<u>779989371860</u> <u>1</u>
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	<u>2.0</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>11/16/2024</u>
12. Time Received	<u>09:05</u>

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding		Remarks: Condition of Sample Shipment, etc.
			Sample Tag #	Assigned Lab #	
1	E29Y8	N/A	1589	P4902-01	Intact
2	E2A12	N/A	1669	P4902-02	Intact
3	E2A12D	N/A	1669	P4902-03	Intact
4	E2A12S	N/A	1669	P4902-04	Intact
5	N/A	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A	N/A
7	N/A	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A	N/A
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. <b>N/A</b>
Date <u>11/21/24</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.	51878	SDG NO.	E29Y8
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	2	✓	
3. Sample Log-In Sheet (DC-1)	3	3	✓	
4. CSF Inventory Sheet (DC-2)	4	6	✓	
5. SDG Narrative	7	11	✓	
6. Communication Logs	12	21	✓	
7. Percent Solids Log	22	23	✓	
<b>Analysis Forms and Data (ICP-AES)</b>				
8. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	24	25	✓	
9. Instrument raw data by instrument in analysis order	26	533	✓	
<b>Other Data</b>				
10. Standard and Reagent Preparation Logs	534	703	✓	
11. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	704	705	✓	
12. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	706	717	✓	
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	✓	
<b>Analysis Forms and Data (ICP-MS)</b>				
17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	718	719	✓	
18. Instrument raw data by instrument in analysis order	720	1286	✓	
<b>Other Data</b>				
19. Standard and Reagent Preparation Logs	1287	1424	✓	
20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	1425	1426	✓	
21. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	1427	1431	✓	
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	1432	1433	✓	
27 . Instrument raw data by instrument in analysis order	1434	1435	✓	

#### Other Data

28 . Standard and Reagent Preparation Logs	1436	1461	✓	
29 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	1462	1463	✓	
30 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	1464	1466	✓	
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
1467	1467	✓	
NA	NA	✓	
1468	1468	✓	
NA	NA	✓	
1469	1471	✓	
NA	NA	✓	



**284 Sheffield Street  
Mountainside, NJ 07092**

## **SDG NARRATIVE**

**USEPA**

**SDG # E29Y8**

**CASE # 51878**

**CONTRACT # 68HERH20D0011**

**SOW# SFAM01.1**

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

**LAB CODE: ACE**

**LAB ORDER ID # P4902**

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

02 Soil samples were delivered to the laboratory intact on 11/16/2024.

### **B. Parameters**

Test requested for Metals CLP12= Aluminum, Calcium, Iron, Magnesium, Potassium, Sodium & Mercury.

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

### **C. Cooler Temp**

Indicator Bottle: Presence/Absence

Cooler: 2.0°C

### **D. Detail Documentation (related to Sample Handling Shipping, Analytical Problem, Temp of Cooler etc):**

Issue 1: SDGs E2A11, E2A12 and E29Y8 require laboratory QC. The laboratory would like to use sample E2A12 for Laboratory QC of PEST, ARO, SVOA, SVOA SIM, ICP-MS, ICP-AES and Hg analysis. The sample listed on the COC for Laboratory QC has already been used in another SDG and sample E2A12 is not a blank, rinsate or PT sample.

Issue 2: SDGs E2A11, E2A12 and E29Y8 require laboratory QC and there is no extra volume for Laboratory QC of soil VOA. The laboratory would like to proceed without Laboratory QC.

Issue 3: The sample collection year is listed as 2025 on the COC for sample E2A12.



**284 Sheffield Street  
Mountainside, NJ 07092**

**E. Corrective Action taken for above:**

Resolution 1: Per Region 5, the laboratory will proceed sample E2A12 for Laboratory QC of Metals and organic analyses. Please note the issue in the SDG Narrative and proceed with the analysis of the samples.

Resolution 2: per Region 5, the laboratory will note the issue in the SDG Narrative and proceed without Laboratory QC for soil VOA analysis.

Resolution 3: Per Region 5, the sample collection year for sample E2A12 is 2024. Please 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.

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 E29Y8 For Aluminum:**

If C = 23.76372 ppm

Vf = 100 ml

W = 1.47g

S = 0.87(87/100)

DF = 1

$$\text{Concentration (mg/kg)} = 23.76372 \times \frac{100}{1.47 \times 0.87} \times 1$$





**284 Sheffield Street  
Mountainside, NJ 07092**

$$= 1858.1374 \text{ mg/kg}$$

$$= 1900 \text{ mg/kg (Reported Result with Signification)}$$

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

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

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

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 E29Y8 For Antimony :**

If C = 0.09 ppb

Vf = 500 ml

W = 1.11 g

S = 0.87 (87/100)

DF = 1

$$\text{Concentration (mg/kg)} = 0.09 \times \frac{500}{1.11 \times 0.87} \times 1 / 1000$$

$$= 0.04659 \text{ mg/kg}$$

$$= 0.047 \text{ mg/kg (Reported Result with Signification)}$$

#### **Calculation for Hg Soil Sample:**

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

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

Where,

C = Instrument response in  $\mu\text{g/L}$  from the calibration curve.

Vf = Final prepared (absorbing solution) volume (mL)

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

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

DF = Dilution Factor



**284 Sheffield Street  
Mountainside, NJ 07092**

**Example Calculation For Sample E29Y8:**

If C = 0.094 ppb  
Vf = 100 mL  
W = 0.54g  
S = 0.87(87/100)  
DF = 1

$$\text{Concentration (mg/kg)} = 0.094 \times \frac{100}{0.54 \times 0.87} \times 1 / 1000$$

$$= 0.02000 \text{ mg/kg}$$

$$= 0.020 \text{ mg/kg (Reported Result with Signification)}$$

**H. QA/ QC**

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

Chemical or physical interference effect was suspected and the data for all affected analytes in the sample received and associated with this serial dilution were flagged.

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



**284 Sheffield Street  
Mountainside, NJ 07092**

Chromium	45Sc
Cobalt	45Sc
Copper	45Sc
Lead	209Bi
Manganese	45Sc
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

---

**From:** Zafar, Tasmia (NE) <Tasmia.Zafar@gdit.com>  
**Sent:** Friday, November 22, 2024 4:01 PM  
**To:** Deepak Parmar; Sohil Jodhani; Mohammad Ahmed  
**Cc:** R5RSCC; Johnson, Matthew  
**Subject:** Region 05 | Case 51878 | Lab ACE | Issue Insufficient/inappropriate designation of laboratory QC | FINAL  
**Attachments:** SKM\_95824112110280.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 afternoon,

Issue 1: SDGs E2A11, E2A12 and E29Y8 require laboratory QC. The laboratory would like to use sample E2A12 for Laboratory QC of PEST, ARO, SVOA, SVOA SIM, ICP-MS, ICP-AES and Hg analysis. The sample listed on the COC for Laboratory QC has already been used in another SDG and sample E2A12 is not a blank, rinsate or PT sample.  
Resolution 1: Per Region 5, the laboratory will proceed sample E2A12 for Laboratory QC of Metals and organic analyses. Please note the issue in the SDG Narrative and proceed with the analysis of the samples.

Issue 2: SDGs E2A11, E2A12 and E29Y8 require laboratory QC and there is no extra volume for Laboratory QC of soil VOA. The laboratory would like to proceed without Laboratory QC.  
Resolution 2: per Region 5, the laboratory will note the issue in the SDG Narrative and proceed without Laboratory QC for soil VOA analysis.

Please note that the laboratory may contact the appropriate CLP PM should any defects need to be waived for this issue.

Best Regards,  
Tasmia Zafar  
Associate Environmental Analyst  
CLP QSS Coordinator – EPA Regions 5 & 6

T: (919) 768-4086  
[tasmia.zafar@gdit.com](mailto:tasmia.zafar@gdit.com)  
15036 Conference Center Drive  
Chantilly, VA 20151  
[www.gdit.com](http://www.gdit.com)

**GENERAL DYNAMICS**  
Information Technology

**Leave Alert: 12/23/24 and 12/26/24-12/27/24**

This electronic message transmission contains information from GDIT that may be attorney-client privileged, proprietary or confidential. The information in this message is intended only for use by the individual(s) to whom it is addressed. If you believe you have received this message in error, please contact me immediately and be aware that any use, disclosure, copying or distribution of the contents of this message is strictly

prohibited. NOTE: Regardless of content, this email shall not operate to bind GDIT to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of email for such purpose.

---

**From:** R5RSCC <R5RSCC@epa.gov>

**Sent:** Friday, November 22, 2024 3:53 PM

**To:** Zafar, Tasmia (NE) <Tasmia.Zafar@gdit.com>

**Subject:** RE: Region 05 | Case 51878 | 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.

Per the client, please proceed as the lab proposed.

Thanks,  
Amanda

Amanda Wroble, Ph.D.  
Metals Chemist & Regional Sample Control Coordinator (RSCC)/CRL Sample Coordinator  
USEPA Region 5 LSASD/AIMB  
Chicago Regional Laboratory  
536 S. Clark St. LAB-10C, 10<sup>th</sup> Floor  
Chicago, IL 60605  
(312) 353-0375

---

**From:** Zafar, Tasmia (NE) <[Tasmia.Zafar@gdit.com](mailto:Tasmia.Zafar@gdit.com)>

**Sent:** Friday, November 22, 2024 1:57 PM

**To:** R5RSCC <[R5RSCC@epa.gov](mailto:R5RSCC@epa.gov)>

**Subject:** RE: Region 05 | Case 51878 | 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.

Hi Amanda,

Today is the last day for the laboratory to hold the SDGs open, would a resolution be able to be provided today?

Best Regards,  
Tasmia Zafar  
Associate Environmental Analyst  
CLP QSS Coordinator – EPA Regions 5 & 6

T: (919) 768-4086  
[tasmia.zafar@gdit.com](mailto:tasmia.zafar@gdit.com)  
15036 Conference Center Drive  
Chantilly, VA 20151  
[www.gdit.com](http://www.gdit.com)

**GENERAL DYNAMICS**  
Information Technology Corp.

**Leave Alert: 12/23/24 and 12/26/24-12/27/24**

This electronic message transmission contains information from GDIT that may be attorney-client privileged, proprietary or confidential. The information in this message is intended only for use by the individual(s) to whom it is addressed. If you believe you have received this message in error, please contact me immediately and be aware that any use, disclosure, copying or distribution of the contents of this message is strictly prohibited. NOTE: Regardless of content, this email shall not operate to bind GDIT to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of email for such purpose.

---

**From:** Zafar, Tasmia (NE)  
**Sent:** Friday, November 22, 2024 11:11 AM  
**To:** R5RSCC <[R5RSCC@epa.gov](mailto:R5RSCC@epa.gov)>  
**Subject:** Region 05 | Case 51878 | Lab ACE | Issue Insufficient/inappropriate designation of laboratory QC

Hi Amanda,

Sample E29Y8 is only in the metals SDG (E29Y8) which is why the laboratory would like to use the same sample E2A12 for metals and organic Laboratory QC.

Best Regards,  
Tasmia Zafar  
Associate Environmental Analyst  
CLP QSS Coordinator – EPA Regions 5 & 6

T: (919) 768-4086  
[tasmia.zafar@gdit.com](mailto:tasmia.zafar@gdit.com)  
15036 Conference Center Drive  
Chantilly, VA 20151  
[www.gdit.com](http://www.gdit.com)

**GENERAL DYNAMICS**  
aeternum technic group

**Leave Alert: 12/23/24 and 12/26/24-12/27/24**

This electronic message transmission contains information from GDIT that may be attorney-client privileged, proprietary or confidential. The information in this message is intended only for use by the individual(s) to whom it is addressed. If you believe you have received this message in error, please contact me immediately and be aware that any use, disclosure, copying or distribution of the contents of this message is strictly prohibited. NOTE: Regardless of content, this email shall not operate to bind GDIT to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of email for such purpose.

---

**From:** Deepak Parmar <[Deepak.Parmar@alliancetg.com](mailto:Deepak.Parmar@alliancetg.com)>  
**Sent:** Friday, November 22, 2024 10:10 AM  
**To:** Zafar, Tasmia (NE) <[Tasmia.Zafar@gdit.com](mailto:Tasmia.Zafar@gdit.com)>; Sohil Jodhani <[Sohil.Jodhani@AllianceTG.com](mailto:Sohil.Jodhani@AllianceTG.com)>; Mohammad Ahmed <[mohammad.ahmed@alliancetg.com](mailto:mohammad.ahmed@alliancetg.com)>  
**Subject:** RE: Region 05 | Case 51878 | 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.

Good morning,

sample E29Y8 is in only metals SDG E29Y8. So Lab like to use same sample E2A12 for metals and organic Lab QC.

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



---

**From:** Zafar, Tasmia (NE) <[Tasmia.Zafar@gdit.com](mailto:Tasmia.Zafar@gdit.com)>

**Sent:** Friday, November 22, 2024 10:02 AM

**To:** Deepak Parmar <[Deepak.Parmar@alliancetg.com](mailto:Deepak.Parmar@alliancetg.com)>; Sohil Jodhani <[Sohil.Jodhani@alliancetg.com](mailto:Sohil.Jodhani@alliancetg.com)>; Mohammad Ahmed <[mohammad.ahmed@alliancetg.com](mailto:mohammad.ahmed@alliancetg.com)>

**Subject:** Region 05 | Case 51878 | Lab ACE | Issue Insufficient/inappropriate designation of laboratory QC

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,

Would the laboratory be able to use sample E29Y8 instead of E2A12 for Laboratory QC if it is in the same SDG? E2A12 is a field duplicate.

Best Regards,

Tasmia Zafar

Associate Environmental Analyst

CLP QSS Coordinator – EPA Regions 5 & 6

T: (919) 768-4086

[tasmia.zafar@gdit.com](mailto:tasmia.zafar@gdit.com)

15036 Conference Center Drive

Chantilly, VA 20151

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



**Leave Alert: 12/23/24 and 12/26/24-12/27/24**

This electronic message transmission contains information from GDIT that may be attorney-client privileged, proprietary or confidential. The information in this message is intended only for use by the individual(s) to whom it is addressed. If you believe you have received this message in error, please contact me immediately and be aware that any use, disclosure, copying or distribution of the contents of this message is strictly prohibited. NOTE: Regardless of content, this email shall not operate to bind GDIT to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of email for such purpose.

---

**From:** R5RSCC <[R5RSCC@epa.gov](mailto:R5RSCC@epa.gov)>

**Sent:** Friday, November 22, 2024 9:07 AM

**To:** Zafar, Tasmia (NE) <[Tasmia.Zafar@gdit.com](mailto:Tasmia.Zafar@gdit.com)>

**Subject:** FW: Region 05 | Case 51878 | 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 Tasmia,

Per the client, would the lab be able to use sample E29Y8 instead if it is in the same SDG? E2A12 is a field duplicate.

Thanks,  
Amanda

Amanda Wroble, Ph.D.  
Metals Chemist & Regional Sample Control Coordinator (RSCC)/CRL Sample Coordinator  
USEPA Region 5 LSASD/AIMB  
Chicago Regional Laboratory  
536 S. Clark St. LAB-10C, 10<sup>th</sup> Floor  
Chicago, IL 60605  
(312) 353-0375

---

**From:** Hack, Emily <[ehack@eaest.com](mailto:ehack@eaest.com)>

**Sent:** Friday, November 22, 2024 7:50 AM

**To:** R5RSCC <[R5RSCC@epa.gov](mailto:R5RSCC@epa.gov)>

**Cc:** Hladovcak, Raymond <[Hladovcak.Raymond@epa.gov](mailto:Hladovcak.Raymond@epa.gov)>

**Subject:** RE: Region 05 | Case 51878 | 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.

Hi Amanda,  
Would it be possible to use sample E29Y8 if that is in the same SDG? E2A12 is a field duplicate sample.

Thanks,

Emily Hack  
Data Scientist  
Direct: (410) 329-5149

---

**From:** R5RSCC <[R5RSCC@epa.gov](mailto:R5RSCC@epa.gov)>

**Sent:** Friday, November 22, 2024 8:41 AM

**To:** Hack, Emily <[ehack@eaest.com](mailto:ehack@eaest.com)>

**Cc:** Hladovcak, Raymond <[Hladovcak.Raymond@epa.gov](mailto:Hladovcak.Raymond@epa.gov)>

**Subject:** FW: Region 05 | Case 51878 | Lab ACE | Issue Insufficient/inappropriate designation of laboratory QC

Hi Emily,

Is the lab's proposal below acceptable?



Thanks,  
Amanda

Amanda Wroble, Ph.D.  
Metals Chemist & Regional Sample Control Coordinator (RSCC)/CRL Sample Coordinator  
USEPA Region 5 LSASD/AIMB  
Chicago Regional Laboratory  
536 S. Clark St. LAB-10C, 10<sup>th</sup> Floor  
Chicago, IL 60605  
(312) 353-0375

---

**From:** Zafar, Tasmia (NE) <[Tasmia.Zafar@gdit.com](mailto:Tasmia.Zafar@gdit.com)>  
**Sent:** Thursday, November 21, 2024 11:28 AM  
**To:** R5RSCC <[R5RSCC@epa.gov](mailto:R5RSCC@epa.gov)>  
**Subject:** Region 05 | Case 51878 | 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 afternoon,

Please see the below issues.

Issue 1: SDGs E2A11, E2A12 and E29Y8 require laboratory QC. The laboratory would like to use sample E2A12 for Laboratory QC of PEST, ARO, SVOA, SVOA SIM, ICP-MS, ICP-AES and Hg analysis. The sample listed on the COC for Laboratory QC has already been used in another SDG and sample E2A12 is not a blank, rinsate or PT sample.

Issue 2: SDGs E2A11, E2A12 and E29Y8 require laboratory QC and there is no extra volume for Laboratory QC of soil VOA. The laboratory would like to proceed without Laboratory QC.

Best Regards,  
Tasmia Zafar  
Associate Environmental Analyst  
CLP QSS Coordinator – EPA Regions 5 & 6

T: (919) 768-4086  
[tasmia.zafar@gdit.com](mailto:tasmia.zafar@gdit.com)  
15036 Conference Center Drive  
Chantilly, VA 20151  
[www.gdit.com](http://www.gdit.com)

**GENERAL DYNAMICS**  
Innovation. Technology. People.

**Leave Alert: 12/23/24 and 12/26/24-12/27/24**

This electronic message transmission contains information from GDIT that may be attorney-client privileged, proprietary or confidential. The information in this message is intended only for use by the individual(s) to whom it is addressed. If you believe you have received this message in error, please contact me immediately and be aware that any use, disclosure, copying or distribution of the contents of this message is strictly prohibited. NOTE: Regardless of content, this email shall not operate to bind GDIT to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of email for such purpose.

**From:** Deepak Parmar <[Deepak.Parmar@alliancetg.com](mailto:Deepak.Parmar@alliancetg.com)>

**Sent:** Thursday, November 21, 2024 11:11 AM

**To:** Zafar, Tasmia (NE) <[Tasmia.Zafar@gdit.com](mailto:Tasmia.Zafar@gdit.com)>

**Cc:** Sohil Jodhani <[Sohil.Jodhani@AllianceTG.com](mailto:Sohil.Jodhani@AllianceTG.com)>

**Subject:** Region 05 | Case 51878 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC/QC

**This Message Is From an External Sender**

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

Good morning,

Issue 1 : two SDGs E2A11, E2A12 and E29Y8 is open without lab QC. However, a sample was not designated for Laboratory QC. Lab like to use samples E2A12 for Lab QC for PEST,PCB,SVOC,SVOC SIM and ICP-MS,ICP-AES and HG . there is no extra volume for soil VOC lab QC . The laboratory would like to proceed without Laboratory QC for soil VOC analysis

these samples are not blanks, rinsates or PE samples. sample mentioned on COC for QC already use in other SDG .

Please see attachment for your reference.

**Thanks & Regards,**



**Deepak Parmar**

QA/QC

**An Alliance Technical Group Company**

**Main:** 908-789-8900

**Direct:** 908-728-3154

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

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



---

**From:** Zafar, Tasmia (NE) <Tasmia.Zafar@gdit.com>  
**Sent:** Monday, December 02, 2024 9:46 AM  
**To:** Deepak Parmar; Sohil Jodhani; Mohammad Ahmed  
**Cc:** R5RSCC  
**Subject:** Region 05 | Case 51878 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC | FINAL  
**Attachments:** 51878-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,

Issue: The sample collection year is listed as 2025 on the COC for sample E2A12.

Resolution: Per Region 5, the sample collection year for sample E2A12 is 2024. Please note the issue in the SDG Narrative and proceed with the 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.

Best Regards,  
Tasmia Zafar  
Associate Environmental Analyst  
CLP QSS Coordinator – EPA Regions 5 & 6

T: (919) 768-4086  
[tasmia.zafar@gdit.com](mailto:tasmia.zafar@gdit.com)  
15036 Conference Center Drive  
Chantilly, VA 20151  
[www.gdit.com](http://www.gdit.com)

**GENERAL DYNAMICS**  
A Division of Lockheed Martin

**Leave Alert: 12/23/24 and 12/26/24-12/27/24**

This electronic message transmission contains information from GDIT that may be attorney-client privileged, proprietary or confidential. The information in this message is intended only for use by the individual(s) to whom it is addressed. If you believe you have received this message in error, please contact me immediately and be aware that any use, disclosure, copying or distribution of the contents of this message is strictly prohibited. NOTE: Regardless of content, this email shall not operate to bind GDIT to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of email for such purpose.

---

**From:** R5RSCC <R5RSCC@epa.gov>  
**Sent:** Wednesday, November 27, 2024 4:08 PM  
**To:** Zafar, Tasmia (NE) <Tasmia.Zafar@gdit.com>  
**Subject:** RE: Region 05 | Case 51878 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

## This Message Is From an External Sender

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

Hi Tasmia,

The collection year can be corrected to 2024. Do you need a revised COC?

Thanks,  
Amanda

Amanda Wroble, Ph.D.  
Metals Chemist & Regional Sample Control Coordinator (RSCC)/CRL Sample Coordinator  
USEPA Region 5 LSASD/AIMB  
Chicago Regional Laboratory  
536 S. Clark St. LAB-10C, 10<sup>th</sup> Floor  
Chicago, IL 60605  
(312) 353-0375

---

**From:** Zafar, Tasmia (NE) <[Tasmia.Zafar@gdit.com](mailto:Tasmia.Zafar@gdit.com)>

**Sent:** Wednesday, November 27, 2024 12:45 PM

**To:** R5RSCC <[R5RSCC@epa.gov](mailto:R5RSCC@epa.gov)>

**Subject:** Region 05 | Case 51878 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

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

Good afternoon,

Please see the below issue.

Issue: The sample collection year is listed as 2025 on the COC for sample E2A12.

Best Regards,  
Tasmia Zafar  
Associate Environmental Analyst  
CLP QSS Coordinator – EPA Regions 5 & 6

T: (919) 768-4086  
[tasmia.zafar@gdit.com](mailto:tasmia.zafar@gdit.com)  
15036 Conference Center Drive  
Chantilly, VA 20151  
[www.gdit.com](http://www.gdit.com)

**GENERAL DYNAMICS**  
Information Technology

**Leave Alert: 12/23/24 and 12/26/24-12/27/24**

This electronic message transmission contains information from GDIT that may be attorney-client privileged, proprietary or confidential. The information in this message is intended only for use by the individual(s) to whom it is addressed. If you believe you have received this message in

error, please contact me immediately and be aware that any use, disclosure, copying or distribution of the contents of this message is strictly prohibited. NOTE: Regardless of content, this email shall not operate to bind GDIT to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of email for such purpose.

---

**From:** Deepak Parmar <[Deepak.Parmar@alliancetg.com](mailto:Deepak.Parmar@alliancetg.com)>

**Sent:** Wednesday, November 27, 2024 9:15 AM

**To:** Zafar, Tasmia (NE) <[Tasmia.Zafar@gdit.com](mailto:Tasmia.Zafar@gdit.com)>

**Subject:** Region 05 | Case 51878 | 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,

Please updated the sample collection year for sample E2A12.

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





PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 11/25/2024

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:30  
In Date: 11/22/2024  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103  
Time OUT: 08:22  
Out Date: 11/23/2024  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLIDS-OVEN

QC:LB133595

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
P4902-01	E29Y8	1	1.13	8.86	9.99	8.84	87.0	
P4902-02	E2A12	2	1.15	8.84	9.99	8.45	82.6	
P4902-03	E2A12D	3	1.15	8.84	9.99	8.45	82.6	
P4902-04	E2A12S	4	1.15	8.84	9.99	8.45	82.6	

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

# WORKLIST(Hardcopy Internal Chain)

133595

WorkList Name : %1-P4902

WorkList ID : 185714

Department : Wet-Chemistry

Date : 11-22-2024 16:58:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4902-01	E29Y8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	11/15/2024	Chemtech -SO
P4902-02	E2A12	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	11/15/2024	Chemtech -SO
P4902-03	E2A12D	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	11/15/2024	Chemtech -SO
P4902-04	E2A12S	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	11/15/2024	Chemtech -SO

Date/Time 11-22-24 17:00  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]

Date/Time 11-22-24 18:00  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]