SDG COVER PAGE

Lab Code: ACE	Case No.: 51955	MA No.:			SDG No.: YE8F7
SOW No.: SFAM01	.1				<u> </u>
EPA Sample No.	Lab Sample Id	ICP-AES	Analysi ICP-MS	s Method Mercury	Cyanide
YE8F5	Q1136-01	X		X	
YE8F7	Q1136-02	X		X	
YE8F7D	Q1136-03	X		X	
YE8F7S	Q1136-04	X		X	
YE8F8	Q1136-05	X		Х	
YE8E3	Q1136-06	X		X	
YE8E4	Q1136-07	X		X	
YE8E5	Q1136-08	X		Х	
YE8E6	Q1136-09	X		X	
YE8E7	Q1136-10	X		X	
YE8E8	Q1136-11	X		X	
YE8D1	Q1136-12	X		X	
YE8D2	Q1136-13	X		X	
YE8D4	Q1136-14	X		X	
YE8C3	Q1136-15	X		X	
YE8D5	Q1136-17	X		X	

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the SDG Narrative. All edits and manual integrations have been peer-reviewed. Release of the data contained in this hardcopy Complete SDG File and in the electronic data submitted has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature:	Name:	
Date:	Title:	

USEPA CLP COC (LAB COPY)

AirbillNo: 7714 8858 7235 CarrierName: FedEx DateShipped: 1/17/2025

CHAIN OF CUSTODY RECORD

Case #: 51955 MA 3152.0

SDG # YE8F7

Lab: Alliance Technical Group LLC

Lab Contact: Mohammad Ahmed Lab Phone: 908-789-8900

No: 9-011625-150913-0008

Sample Identifier	CLP	Matrix/Sampler	Coli.	Analysis/Turnaround	Tag/Preservative/Bottles	Location	Collection	For Lab Use
	Sample No.		Method	(Days)	1		Date/Time	Only
MW-28-SO-17.5- 18.5	YE8F5	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	332 (Wet Ice), 336 (Wet Ice) (3)	28	01/15/2025 12:30	741
MW-28-SO-3-4	YE8F7	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	346 (Wet Ice), 350 (Wet Ice) (3)	28	01/15/2025 09:05	2 gc sp
MW-28-SO-8-10	YE8F8	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	353 (Wet Ice), 357 (Wet Ice) (3)	28	01/15/2025 09:10	ادر
MW-928-SO-8-10	YE8F9	Soil/ EAEST	Grab	ICP-AES/MS(21)	360 (Wet Ice) (1)	928	01/15/2025 09:10	
				12				

	Analysis Key: ICP-AES/MS=ICP-AES/MS Metals+Hg MA 3152.0, pH, SPLP ICP-AES=SPLP ICP-AES Metals + Hg, pH
Samples Transferred From Chain of Custody #	Sample(s) to be used for Lab QC: MW-28-SO-3-4 Tag 346, MW-28-SO-3-4 Tag 350
Shipment for Case Complete? N	

					I CONTRACTOR
				Hillison Huse 1800	reliis/Neason Reliiquisned by (Signature and Organization)
				1600	e and Organization)
					Date/I ime
				Pan	Received by (Signature and Organization)
			hsion	1/18/25	Date/Time
<	Internal	Day bland bu	Trent	20,000	Sample Condition Upon Receipt
	***	7			

USEPA CLP COC (LAB COPY)

CarrierName: FedEx AirbillNo: 7715 3303 8663 DateShipped: 1/21/2025

CHAIN OF CUSTODY RECORD

Case #: 51955 MA 3152.0

No: 9-011825-122406-0013

Lab: Alliance Technical Group LLC

Lab Contact: Mohammad Ahmed Lab Phone: 908-789-8900

-	MW-26-SO-1-2	MW-26-SO-3-4	MW-26-SO-5-6	MW-26-SO-20-22							
Sample No.	YE8E3	YE8E4	YE8E5	YE8E6							
Matrix/Sampler	Soil/ EAEST	Soil/ EAEST	Soil/ EAEST	Soil/ EAEST							
Coll. Method	Grab	Grab	Grab	Grab							
Analysis/Turnaround (Days)	ICP-AES/MS(21), SPLP ICP-AES(21)	ICP-AES/MS(21), SPLP ICP-AES(21)	ICP-AES/MS(21), SPLP ICP-AES(21)	ICP-AES/MS(21)				8	12	12	
Tag/Preservative/Bottles	248 (Wet Ice), 252 (Wet Ice) (3)	255 (Wet Ice), 259 (Wet Ice) (3)	262 (Wet Ice), 266 (Wet Ice) (3)	269 (Wet Ice) (1)							
Location	26	26	26	26							
Collection Date/Time	01/17/2025 10:45	01/17/2025 10:50	01/17/2025 10:55	01/17/2025 11:10							
For Lab Use Only	SA	SAC	AN		1						

Costody Seal Tolace		-			
71 Com # 1 1.	1-22-25	8	01/2/28	Allison Alma EA	
Sample Condition Upon Receipt	Date/Time	Received by (Signature and Organization)	Date/Time	Relinquished by (Signature and Organization)	Items/Reason

Analysis Key: ICP-AES/MS=ICP-AES/MS Metals+Hg MA 3152.0, pH, SPLP ICP-AES=SPLP ICP-AES Metals + Hg, pH

Samples Transferred From Chain of Custody #

Shipment for Case Complete? W

Special Instructions:

SDG # YE8F7

USEPA CLP COC (LAB COPY)

CarrierName: FedEx DateShipped: 1/21/2025

CHAIN OF CUSTODY RECORD

No: 9-011825-123309-0014

Case #: 51955 MA 3152.0

Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Lab Phone: 908-789-8900

ıstody #	Samples Transferred From Chain of Custody #	amples Transfer	S					Special Instructions:
	Complete?	Shipment for Case Complete?	ဖ					
				is				
				-				
CAC.	01/17/2025 16:00	26	283 (Wet Ice), 284 (Wet Ice), 287 (Wet Ice) (4)	ICP-AES/MS(21), SVOA(21), SPLP ICP- AES(21)	Grab	Soil/ EAEST	YE8E8	MW-26-SO-51-52
Str	01/17/2025 15:55	26	276 (Wet Ice), 277 (Wet Ice), 280 (Wet Ice) (4)	ICP-AES/MS(21), SVOA(21), SPLP ICP- AES(21)	Grab	Soil/ EAEST	YE8E7	MW-26-SO-39-40
MAS	01/17/2025 11:10	26	273 (Wet Ice) (2)	SPLP ICP-AES(21)	Grab	Soil/ EAEST	YE8E6	MW-26-SO-20-22
For Lab Use Only	Collection Date/Time	Location	Tag/Preservative/Bottles	Analysis/Turnaround (Days)	Coll. Method	Matrix/Sampler	CLP Sample No.	Sample Identifier

	1000	Allison flux- EA Or	
Received by (Signature and Organization)		Items/Reason Relinquished by (Signature and Organization) Date/Time	tems/Reason

Samples Transferred From Chain of Custody #

San Anna Const					
1, call 2.		•			
Colar del the					
TRG-41 2.0	1.22.25	2	52/2/10	Allison flur EA	
Sample Condition Upon Receip	Date/Time	Received by Signature and Organization)	Date/Time	Relinquished by (Signature and Organization) Date/Time	SON.

USEPA CLP COC (LAB COPY)

DateShipped: 1/21/2025 CarrierName: FedEx AirbillNo: 7715 3303 2404

CHAIN OF CUSTODY RECORD

Case #: 51955 MA 3152.0

No: 9-011925-103859-0017

Lab: Alliance Technical Group LLC

Lab Contact: Mohammad Ahmed Lab Phone: 908-789-8900

						115	MW-924-SO-5-7	MW-24-SO-58-60	MW-24-SO-38-40	Sample Identifier
							YE8D4	YE8D2	YE8D1	CLP Sample No.
							Soil/ EAEST	Soil/ EAEST	Soil/ EAEST	Matrix/Sampler
							Grab	Grab	Grab	Coll. Method
,						٠	ICP-AES/MS(21), SVOA(21), SPLP ICP- AES(21)	ICP-AES/MS(21), SVOA(21), SPLP ICP- AES(21)	SPLP ICP-AES(21)	Analysis/Turnaround (Days)
							185 (Wet Ice), 186 (Wet Ice), 189 (Wet Ice) (4)	171 (Wet Ice), 172 (Wet Ice), 175 (Wet Ice) (4)	168 (Wet Ice) (2)	Tag/Preservative/Bottles
							924	24	24	Location
							01/18/2025 16:30	01/19/2025 09:50	01/19/2025 09:15	Collection Date/Time
							Sign	(4)	25	For Lab Use Only

Date/Time Sample Condition Upon Receip
10:18 26 mbs 1
2 load vools
e/Time Sample

Special Instructions:

Samples Transferred From Chain of Custody #

Shipment for Case Complete?

SDG # YE8F7

USEPA CLP COC (LAB COPY)

DateShipped: 1/21/2025 CarrierName: FedEx AirbillNo: 7715 3303 4885

CHAIN OF CUSTODY RECORD

Case #: 51955 MA 3152.0

No: 9-011925-103929-0018

Lab: Alliance Technical Group LLC

Lab Contact: Mohammad Ahmed Lab Phone: 908-789-8900

(0)			-						
Sample Identifier	MW-924-SO-38- 40	MW-24-SO-5-7	MW-24-SO-18-20						
CLP Sample No.	YE8C3	YE8C9	YE8D0						
Matrix/Sampler	Soil/ EAEST	Soil/ EAEST	Soil/ EAEST						
Coll. Method	Grab	Grab	Grab						
Analysis/Turnaround (Days)	ICP-AES/MS(21), SVOA(21), SPLP ICP- AES(21)	ICP-AES/MS(21), SVOA(21), SPLP ICP- AES(21)	ICP-AES/MS(21)						
Tag/Preservative/Bottles	108 (Wet Ice), 109 (Wet Ice), 112 (Wet Ice) (4)	150 (Wet Ice), 151 (Wet Ice), 154 (Wet Ice) (5)	157 (Wet Ice) (1)						
Location	924	24	24		3				
Collection Date/Time	01/19/2025 09:15	01/18/2025 16:30	01/18/2025 16:40						
For Lab Use Only		Sto							

Sample(s) to be used for Lab QC: MW-24-SO-5-7 Tag 150, MW-24-SO-5-7 Tag 151, MW-24-SO-5-7 Tag 154

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

Analysis Key: ICP-AES/MS=ICP-AES/MS Metals+Hg MA 3152.0, pH, SVOA=Semivolatiles, SPLP ICP-AES=SPLP ICP-AES Metals + Hg, pH

SDG # YE8F7

USEPA CLP COC (LAB COPY)

DateShipped: 1/21/2025 CarrierName: FedEx AirbillNo: 7715 3307 8108

CHAIN OF CUSTODY RECORD

Case #: 51955 MA 3152.0

No: 9-011925-144654-0020

Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-789-8900

Sample Identifier	MW-24-SO-69-70								
CLP Sample No.	YE8D5								
Matrix/Sampler	Soil/ EAEST				. 0				
Coll. Method	Grab								
Analysis/Turnaround (Days)	ICP-AES/MS(21), SVOA(21), SPLP ICP- AES(21)								
Tag/Preservative/Bottles	192 (Wet Ice), 193 (Wet Ice), 196 (Wet Ice) (4)	,							
Location	. 24								
Collection Date/Time	01/19/2025 14:20								
For Lab Use Only	SNS								

Items/Reason Relinquished by (Signature and Organization) **Missingle Huse EA**	Date/Time Received by (Signature and Organization) 01/21/25 (4000) Received by (Signature and Organization)	n) Date/Time Sample Condition Upon Receipt 10:15 1-22:25 Temp Blank present Custual Section into
--	--	--

Analysis Key: ICP-AES/MS=ICP-AES/MS Metals+Hg MA 3152.0, pH, SVOA=Semivolatiles, SPLP ICP-AES=SPLP ICP-AES Metals + Hg, pH

Samples Transferred From Chain of Custody #

Shipment for Case Complete? W

Special Instructions:

Lab Name : Alliance Technical Group	o, LLC	Page 1 of 6
Received By (Print Name)	wa Kener	Log-in Date 1/18/2025
Received By (Signature)		
Case Number 51955	SDG No. YESF7	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	NA
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	771488587235
Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.3 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	Yes
agree ?	
agree ? 11. Date Received at Lab	01/18/2025

			Correspond	ding	
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	YE8F5	N/A	336	Q1136-01	Intact
2	YE8F7	N/A	350	Q1136-02	Intact
3	YE8F7D	N/A	350	Q1136-03	Intact
4	YE8F7S	N/A	350	Q1136-04	Intact
5	YE8F8	N/A	357	Q1136-05	Intact
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

Reviewed By		Logbook No.	N/A
Date	1/22/25	Logbook Page No.	N/A

Lab Name : Alliance Technical Grou	p, LLC	Page_2_of_6
Received By (Print Name) 2554	nava lete	Log-in Date 1/22/2025
Received By (Signature)	7	•
Case Number 51955	SDG No. YE8F	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	n/a
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	771533038663
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	1.9 Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree?	Yes
11. Date Received at Lab	01/22/2025
12.Time Received	10:15

			Correspo	nding	Domanico.
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	YE8E3	N/A	252	Q1136-06	Intact
2	YE8E4	N/A	259	Q1136-07	Intact
3	YE8E5	N/A	266	Q1136-08	Intact
4	N/A	N/A	N/A	N/A	N/A
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

Reviewed By	W,	Logbook No.	N/A	
Date	1/22/25	Logbook Page No.	N/A	

Lab Name : Alliance Technical Grou	ıp, LLC	Page 3 of 6
Received By (Print Name)	nava lix	Log-in Date 1/22/2025
Received By (Signature)	7	
Case Number 51955	SDG No. YE8F	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	n/a
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and	771532981764
Shipping Container ID No.	3
6. Shipping Container Temperature Indicator Bottle	Presėnt
7. Shipping Container Temperature	2.0 Degree C
8. Sample Condition	Intact
9. Sample Tags	Absent
Sample Tag Numbers	Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	22 d 01/20/2025
12.Time Received	10:15

			Correspo	onding	Dama da
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	YE8E6	N/A	273	Q1136-09	Intact
2	YE8E7	N/A	280	Q1136-10	Intact
3	YE8E8	N/A	287	Q1136-11	Intact
4	N/A	N/A	N/A	N/A	N/A
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/Á	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 I	N/A	N/A	N/A

Reviewed By		Logbook No.	N/A
Date	1/22/25	Logbook Page No.	N/A

Lab Name : Alliance Technical Group	. / /	Page_4_of_6
Received By (Print Name) asseque	va lese	Log-in Date 1/22/2025
Received By (Signature)	7 .	•
Case Number 51955	SDG No. YESF	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	n/a
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	771533032404 4
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	1.8 Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	01/20/2025
12.Time Received	10:15

			Correspor	nding	Domanica:
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	YE8D1	N/A	168	Q1136-12	Intact
2	YE8D2	N/A	175	Q1136-13	Intact
3	YE8D4	N/A	189	Q1136-14	Intact
4	N/A	N/A	N/A	N/A	N/A
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

Reviewed By		Logbook No.	N/A
Date	1/22/25	Logbook Page No.	N/A

Lab Name : Alliance Technical Group	/ /	Page_5_of_6
Received By (Print Name) 2559	nara lere	Log-in Date 1/22/2025
Received By (Signature)	7	
Case Number 51955	SDG No. YE8F	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	n/a
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	771533034885 5
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.2 Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	01/22/2025
12.Time Received	10:15

			Correspon	nding	
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	YE8C3	N/A	112	Q1136-15	Intact
2	YE8C9	N/A	154	Q1136-16	Intact O
3	N/A	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A	N/A
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
9	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

Reviewed By		Logbook No.	N/A	
Date	1/22/25	Logbook Page No.	N/A	

Lab Name : Alliance Technical Group, LLC	Page_6_of_6
Received By (Print Name) (assumace fue	Log-in Date 1/22/2025
Received By (Signature)	•
Case Number 51955 SDG No. YE8F	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	n/a
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	771533078108
6: Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.5 Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	01/22/2025
12.Time Received	10:15

			Correspon	ding	- Domanica.
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	YE8D5	N/A	196	Q1136-17	Intact
2	N/A	N/A	N/A	N/A	N/A
3	N/A	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A	N/A
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 I	V/A	N/A	N/A

Reviewed By		Logbook No.	N/A
Date	1/22/25	Logbook Page No.	N/A

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

LAB NAME	Alliance Technical Group, LLC			
LAB CODE	ACE			
CONTRACT NO.	68HERH20D0011			
CASE NO.	51955	SDG NO.	YE8F7	
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	7	✓	
3. Sample Log-In Sheet (DC-1)	8	13	✓	
4. CSF Inventory Sheet (DC-2)	14	16	✓	
5. SDG Narrative	17	19	✓	
6. Communication Logs	NA	NA	✓	
7. Percent Solids Log	NA	NA	✓	
Analysis Forms and Data (ICP-AES)				
8. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample	20	33	✓	
or sample analysis, laboratory QC as applicable 9. Instrument raw data by instrument in analysis order	34	271	✓	
Other Data				
10. Standard and Reagent Preparation Logs	272	421	✓	
11. Original Preparation and Cleanup forms or copies of Preparation and	422	423	✓	
Cleanup Logbooks 12. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	424	428	✓	
13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA		
14. Extraction Logs for TCLP and SPLP	429	432		
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	NA	NA		
or sample analysis, laboratory QC as applicable 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	NA	NA	✓	
Cleanup Logbooks 21. Original Analysis or Instrument Run forms or copies of Analysis or	NA	NA	✓	
<pre>Instrument Logbooks 22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions</pre>	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	433	446	✓	
or sample analysis, laboratory QC as applicable 27. Instrument raw data by instrument in analysis order	447	449	_	
Other Data				
28. Standard and Reagent Preparation Logs	450	485	✓	
29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	486	487		
30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	488	491		
31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA		
32. Extraction Logs for TCLP and SPLP	492	495		
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	NA	NA_	_	<u> </u>
or sample analysis, laboratory QC as applicable 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	NA	NA	✓	
Cleanup Logbooks 39. Original Analysis or Instrument Run forms or copies of Analysis or	NA	NA	✓	
Instrument Logbooks 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample	NA	NA	✓	
Instructions 41. Extraction Logs for TCLP and SPLP	NA	NA	✓	
42 . Raw GPC Data	NA	NA	✓	
43 . Raw Florisil Data	NA	NA	✓	

			PAGE NOs:		CHECK	
			FROM	TO	LAB	REGION
Additional						
44. EPA Ship	ping/Receiving Documents					
Airbill	(No. of Shipments6)		496	501	✓	
Sample T	ags		NA	NA	✓	
Sample L	og-In Sheet (Lab)		502	503	✓	
45. Misc. Sh	ipping/Receiving Records(list all	l individual records)				-
			NA_	NA		
46. Internal	Lab Sample Transfer Records and	Tracking Sheets				-
(describ	e or list)					
			504	504		
	cords and related Communication I	Logs				
(describ	e or list)		NA	NA		
				11/17		- ——
						- ——
48. Comments	:					
Completed by (CLP Lab)	y:					
(CLF Lab)	(Signature)	Nimisha Pandya, Do (Print Name & Tit		Officer	(Da	te)
Audited by:	(==5	(11110 110110 0 110	,		(20	/
(EPA)						
	(Signature)	(Print Name & Tit	le)		(Da	te)



SDG NARRATIVE

USEPA
SDG # YE8F7
CASE # 51955
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAR NAME: Alliance Technical G

LAB NAME: Alliance Technical Group, LLC

LAB CODE: ACE

LAB ORDER ID #Q1136

A. Number of Samples and Date of Receipt

14 Soil samples were delivered to the laboratory intact on 01/18/2025, 01/22/2025.

B. Parameters

Test requested for SPLP MetalGroup3 = Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc & SPLP Mercury.

C. Cooler Temp

Indicator Bottle: Presence/Absence

Cooler: 2.3°C, 1.9°C, 2.0°C, 1.8°C, 2.2°C, 2.5°C

D. 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.

E. Calculation:

Calculation for ICP-AES Water Sample:

Concentration or Result (μ g/L) = C x $\frac{Vf}{Vi}$ x DF x 1000



284 Sheffield Street Mountainside, NJ 07092

Where,

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

Vf = Final digestion volume (mL)

Vi = Initial aliquot amount (mL) (Sample amount taken in prep)

DF = Dilution Factor

Example Calculation For Sample YE8F5 For Aluminum:

If
$$C = 0.0310448 \text{ ppm}$$

 $Vf = 50 \text{ ml}$
 $Vi = 50 \text{ ml}$
 $DF = 1$

Concentration or Result (
$$\mu$$
g/L) = 0.0310448 x $\underline{50}$ x 1 x 1000 $\underline{50}$

 $= 31.0448 \mu g/L$

= 31 μg/L (Reported Result with Signification)

Calculation for Hg Water Sample:

Concentration or Result (μ g/L) = C x DF Where,

C = Instrument response in μ g/L from the calibration curve.

DF = Dilution Factor

Example Calculation For Sample YE8E5:

$$\begin{array}{ll}
\text{If C} &= 0.0437 \text{ ppb} \\
\text{DF} &= 1
\end{array}$$

Concentration or Result (
$$\mu$$
g/L) = 0.0437 x 1
= 0.0437 μ g/L
= 0.044 μ g/L (Reported Result with Signification)

F. 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 Silver. Duplicate sample did meet requirements. Serial Dilution did meet requirements.



Samples receive as soil but as per ASR process for SPLP and forms are reported with water.

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