SDG COVER PAGE

ab Code: ACE	Case No.: 51955	MA No.:			SDG No.: YE8G5
OW No.: SFAM01	.1				
			Analysi	s Method	
EPA Sample No.	Lab Sample Id	ICP-AES	ICP-MS	Mercury	Cyanide
YE8G3	Q1106-01	Х		X	
YE8G5	Q1106-02	X		X	
YE8G6	Q1106-03	X		X	
YE8G6D	Q1106-04	X		X	
YE8G6S	Q1106-05	X		X	
YE8H0	Q1106-06	X		X	
YE8H1	Q1106-07	Х		X	
YE8H2	Q1106-08	X		X	
YE8H3	Q1106-09	X		X	
YE8H4	Q1106-10	Х		X	
YE8H5	Q1106-11	X		X	
YE8H6	Q1106-12	Х		X	
YE8F6	Q1106-13	Х		X	
YE8F9	Q1106-14	Х		X	
YE8G0	Q1106-15	X		X	
YE8G1	Q1106-16	Х		X	
YE8G2	Q1106-17	X		X	
YE8H9	Q1106-18	Х		X	
YE8J0	Q1106-19	Х		X	
YE8J1	Q1106-20	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:	

DateShipped: 1/15/2025 CarrierName: FedEx AirbillNo: 7714 3444 6883

CHAIN OF CUSTODY RECORD

Case #: 51955 MA 3152.0

No: 9-011425-221848-0002

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

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Sottles	Location	Collection Date/Time	[⊊] or Lab Use Only
MW-29-SO-39-40	YE8G3	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	388 (Wet Ice), 389 (Wet Ice) (3)	29	01/13/2025 16:45	
MW-29-SO-41-42	YE8G5	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	396 (Wet Ice), 397 (Wet Ice) (3)	29	01/13/2025 16:40	506
MW-29-SO-43-44	YE8G6	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	400 (Wet Ice), 401 (Wet Ice) (3)	29	01/13/2025 16:35	PL.
MW-30-SO-8-10	YE8H0	Soil/ EAEST	Grab	SPLP ICP-AES(21)	417 (Wet Ice) (2)	30	01/13/2025 14:10	
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	pi.							

				Shipment for Case Complete? N	Complete? N
Sample(s) to be u	Sample(s) to be used for Lab QC: MW-29-SO-43-44 Tag 400, MW-29-SO-43-44 Tag 401	29-SO-43-44 Tag «		Samples Transferr	Samples Transferred From Chain of Custody #
Analysis Key: ICF	Analysis Key: ICP-AES/MS=ICP-AES/MS Metals+Hg MA 3152.0, pH, SPLP ICP-AES=SPLP ICP-AES Metals + Hg, pH	H, SPLP ICP-AES	=SPLP ICP-AES Metals + Hg, pH		
Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
		01/15/25	2		
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DateShipped: 1/15/2025 CarrierName: FedEx AirbillNo: 7714 2444 8680

CHAIN OF CUSTODY RECORD

Case #: 51955 MA 3152.0

No: 9-011425-222734-0003

Lab: Alliance Technical Group LLC

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

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll.	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	
MW-30-SO-17-18	YE8H1	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	420 (Wet Ice), 421 (Wet Ice) (3)	Wet Ice) (3)	Wet Ice) (3) 30
MW-30-SO-18- 19.5	YE8H2	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	424 (Wet Ice), 425 (Wet Ice) (3)	Wet Ice) (3)	Wet Ice) (3) 30
MW-30-SO-19.5- 20	ҮЕ8Н3	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	428 (Wet Ice), 429 (Wet Ice) (3)	(Wet Ice) (3)	(Wet Ice) (3) 30
				<u>ج</u> ، بعد ا			
				-			

Items/Reason Relinquished by (Signature and Organization) Date/Time Received by (Signature and Organization) Date/Time Sample Condition Upon Receipt OI 15 25						
Date/Time Received by (Signature and Organization) 01 15 25 C. C. C. C. C. C. C. C	,					
Date/Time Received by (Signature and Organization) 01 15 25 50D		/				
Date/Time Received by (Signature and Organization) 01 / 15 / 25 C. J	Custody Seel Tab	+ <i>i</i>			JO	
Date/Time Received by (Signature and Organization) Date/Time	ACC 120	1-16-25	C	01/15/25	MWX EA	
	Sample Condition Upon Receipt	Date/Time	Received by (Signature and Organization)		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? N

Special Instructions:

DateShipped: 1/15/2025 CarrierName: FedEx AirbillNo: 7714 3443 1891

CHAIN OF CUSTODY RECORD

No: 9-011425-223134-0004

Case #: 51955 MA 3152.0

Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
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
MW-930-SO-8-10	YE8H4	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	432 (Wet Ice), 433 (Wet Ice) (3)	930	01/13/2025 14:10	
MW-30-SO-20-21	YE8H5	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	436 (Wet Ice), 437 (Wet Ice) (3)	30	01/13/2025 13:50	
MW-30-SO-21- 21.5	YE8H6	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	440 (Wet Ice), 441 (Wet Ice) (3)	30	01/13/2025 13:45	
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					18			
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				Shipment for Case Complete? N	Complete? N
Special Instructions:	ons:			Samples Transferre	Samples Transferred From Chain of Custody #
Analysis Key: ICI	Analysis Key: ICP-AES/MS=ICP-AES/MS Metals+Hg MA 3152.0, pH, SPLP ICP-AES=SPLP ICP-AES Metals + Hg, pH	H, SPLP ICP-AES=	SPLP ICP-AES Metals + Hg, pH		
items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Recei
	MUN FA	01/25/25	8	9:32	1P.600#1 19
	08				custody Seal Inter
		,			Temp Blank Dross
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DateShipped: 1/17/2025 CarrierName: FedEx AirbillNo: 7714 8859 5553

CHAIN OF CUSTODY RECORD

Case #: 51955 MA 3152.0

No: 9-011625-150417-0007

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

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time
AX-HA6-SO-0.5- 0.7	YE8E9	Soil/ EAEST	Grab	ICP-AES/MS(21)	290 (Wet Ice) (1)	70	\$
AX-HA6-SO-3.0- 3.2	YE8F0	Soil/ EAEST	Grab	ICP-AES/MS(21)	297 (Wet Ice) (1)	\$	×
AX-HA8-SO-4.5- 4.7	YE8F1	Soil/ EAEST	Grab	ICP-AES/MS(21)	304 (Wet Ice) (1)	_	×
AX-HA7-SO-0.5- 0.7	YE8F2	Soil/ EAEST	Grab	ICP-AES/MS(21)	311 (Wet Ice) (1)		\$
AX-HA7-SO-3.0- 3.2	YE8F3	Soil/ EAEST	Grab	ICP-AES/MS(21)	318 (Wet Ice) (1)		ķ
AX-HA8-SO-0.6- 0.8	YE8F4	Soil/ EAEST	Grab	ICP-AES/MS(21)	325 (Wet Ice) (1)		ķ
MW-28-SO-0-1	YE8F6	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	339 (Wet Ice), 343 (Wet Ice) (3)		28

	A
Samples Transferred From Chain of Custody #	Special Instructions:
Shipment for Case Complete? N	

	24				Items/Reason
				Allisarthuse	Relinquished by (Signa
				01/17/250	ture and Organization)
					Date/Time
				Dem	Received by (Signature and Organization)
			10:54	118/25	Date/Time
(100 0 0 0	Cus en D	Tay blow ham	Hrat.	25.55	Sample Condition Upon Receipt

CarrierName: FedEx AirbillNo: 7714 8857 3310 DateShipped: 1/17/2025

CHAIN OF CUSTODY RECORD

Case #: 51955 MA 3152.0

SDG # YE8G5

Lab: Alliance Technical Group LLC

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

No: 9-011625-152322-0009

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
MW-928-SO-8-10	YE8F9	Soil/ EAEST	Grab	SPLP ICP-AES(21)	364 (Wet Ice) (2)	928	01/15/2025 09:10	<
MW-28-SO-20-22	YE8G0	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	367 (Wet Ice), 371 (Wet Ice) (3)	28		
MW-28-SO-38-40	YE8G1	Soil/.EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	374 (Wet Ice), 378 (Wet Ice) (3)	28	01/15/2025 12:10	`\
MW-28-SO-18.5- 19.5	YE8G2	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	381 (Wet Ice), 385 (Wet Ice) (3)	28	01/15/2025 12:15	(
				4				

	(N.	ms/Reason Re	
	(Jung Jung	ems/Reason Relinquished by (Signature and Organization)	
	(3	17/2025	Date/Time	
			Received by (Signature and Organization)	
	10.54	1/18/25	Date/Time	
Typ blacker	10.54 Than #	1.8.6	Date/Time Sample Condition Upon Receipt	

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

Samples Transferred From Chain of Custody #

Shipment for Case Complete? N

Special Instructions:

DateShipped: 1/17/2025 CarrierName: FedEx AirbillNo: 7714 8894 1532

CHAIN OF CUSTODY RECORD

Case #: 51955 MA 3152.0

No: 9-011725-082926-0010

Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed

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 Usa Only
MW-27-SO-2-3	ҮЕ8Н9	Soil/	Grab	ICP-AES/MS(21), SVOA(21), SPLP ICP- AES(21)	448 (Wet Ice), 449 (Wet Ice), 450 (Wet Ice) (4)	27	01/16/2025 10:20	
MW-27-SO-5.5- 6.5	OFBEA	Soil/	Grab	ICP-AES/MS(21), SVOA(21), SPLP ICP- AES(21)	452 (Wet Ice), 453 (Wet Ice), 454 (Wet Ice) (4)	27	01/16/2025 10:25	ь
MW-27-SO-18.5- 19.5	YE8J1	Soil/	Grab	SPLP ICP-AES(21)	457 (Wet Ice) (2)	27	01/16/2025 10:40	
				(4)				
				:				

				amplified or case complete? N	Complete / N
Special Instructions:	ons:			Samples Transferre	Samples Transferred From Chain of Custody #
Analysis Key: IC	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	H, SVOA=Semivola	atiles, SPLP ICP-AES=SPLP ICP-AES Metals	+ Hg, pH	
Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	MUX EA	01/17 25 200	Pem	1/18/25 2.15	ls Ty
	0 0			10:54	10:54 IRem H
					led blom ha
					1 milion

Lab Name : Alliance Technical Group	/ 1	Page 1 of 5
Received By (Print Name)	va keno	Log-in Date 1/16/2025
Received By (Signature)		
Case Number 51955	SDG No. YE8G5	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.	771434446883
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.1 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	01/16/2025
12.Time Received	09:32

			Correspor	nding	Domenules
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	YE8G3	N/A	389	Q1106-01	Intact
2	YE8G5	N/A	397	Q1106-02	Intact
3	YE8G6	N/A	401	Q1106-03	Intact
4	YE8G6D	N/A	401	Q1106-04	Intact
5	YE8G6S	N/A	401	Q1106-05	Intact
6	YE8H0	N/A	417	Q1106-06	Intact
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	1/20/25	Logbook Page No.	N/A

Lab Name : Alliance Technical Group		Page 2 of 6		
Received By (Print Name	va Kein	Log-in Date 1/16/2025		
Received By (Signature)				
Case Number 51955	SDG No. YE8G5	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.	771434448680
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.0 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	01/16/2025
12.Time Received	09:32

			Correspond	ding	
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	YE8H1	N/A	421	Q1106-07	Intact
2	YE8H2	N/A	425	Q1106-08	Intact
3	YE8H3	N/A	429	Q1106-09	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	1	Logbook No.	N/A
Date	1/20/25	Logbook Page No.	N/A

Lab Name : Alliance Technical Group	, LLC	Page_3_of_
Received By (Print Name)	nova Kener	Log-in Date 1/16/2025
Received By (Signature)	-	
Case Number 51955	SDG No. YE8G5	MA No. N/A

Damania.	T
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.	771434431891
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	01/16/2025
12.Time Received	09:32

			Corresponding		
	EPA Sample #	Aqueous Water Sample pH		Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	YE8H4	N/A	433	Q1106-10	Intact
2	YE8H5	N/A	437	Q1106-11	Intact
3	YE8H6	N/A	441	Q1106-12	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	1/20/25	Logbook Page No.	N/A

Lab Name : Alliance Technical Group	Page_4_of_b			
Received By (Print Name)	Log-in Date 1/18/2025			
Received By (Signature)				
Case Number 51955	SDG No. YE8G5	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.	771488595553 4
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	Yes
agree ?	
agree ? 11. Date Received at Lab	01/18/2025

			Correspondi	ng	
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	YE8F6	N/A	343	Q1106-13	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	N/A	N/A	N/A

Reviewed By		Logbook No.	N/A	
Date	1 do 4	Logbook Page No.	N/A	

Lab Name : Alliance Technical Group	, LLC	Page_5_of_6
Received By (Print Name)	mun r	Log-in Date 1/18/2025
Received By (Signature)	1	
Case Number 51955	SDG No. YE8G5	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.	771488573310 5
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	01/18/2025
12.Time Received	10:54

			Correspo	onding	Domonilos
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	YE8F9	N/A	364	Q1106-14	Intact
2	YE8G0	N/A	371	Q1106-15	Intact
3	YE8G1	N/A	378	Q1106-16	Intact
4	YE8G2	N/A	385	Q1106-17	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

Reviewed By		Logbook No.	N/A	
Date	1/20/25	Logbook Page No.	N/A	

Lab Name: Alliance Technical Group,	/ /	Page 6 of 6
Received By (Print Name	Log-in Date 1/18/2025	
Received By (Signature)		
Case Number 51955	SDG No. YE8G5	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.	771488941532 6
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.1 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	01/18/2025
12.Time Received	10:54

			Corresponding			
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.	
1	YE8H9	N/A	449	Q1106-18	Intact	
2	YE8J0	N/A	453	Q1106-19	Intact	
3	YE8J1	N/A	457	Q1106-20	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	V/A	N/A	N/A	
23	N/A	N/A	N/A	N/A	N/A	

Reviewed By		Logbook No.	N/A	
Date	1/20/21	Logbook Page No.	N/A	\dashv

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

LAB NAME	Alliance Tech	nnical Group, LLC		
LAB CODE	ACE			
CONTRACT NO.	68HERH20D0011			
CASE NO.	51955	SDG NO.	YE8G5	
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:		СН	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	37	✓		
or sample analysis, laboratory QC as applicable 9. Instrument raw data by instrument in analysis order	38	343	✓		
Other Data					
10 . Standard and Reagent Preparation Logs	344	496	✓		
11. Original Preparation and Cleanup forms or copies of Preparation and	497	498	✓		
Cleanup Logbooks 12. Original Analysis or Instrument Run forms or copies of Analysis or	499	504	✓		
Instrument Logbooks 13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓		
14. Extraction Logs for TCLP and SPLP	505	508			
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	509	526	✓	
or sample analysis, laboratory QC as applicable 27. Instrument raw data by instrument in analysis order	527	529		·
Other Data				
28 . Standard and Reagent Preparation Logs	530	565	✓	
29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	566	567	✓	
30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	568	571	✓	
31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	
32. Extraction Logs for TCLP and SPLP	572	575	_	
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	✓	
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	✓	
<pre>Instrument Logbooks 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions</pre>	NA	NA	✓	
11. Extraction Logs for TCLP and SPLP	NA	NA		
42 . Raw GPC Data	NA	NA	✓	. <u></u>
43 . Raw Florisil Data	NA	NA	✓	

			PAGE NOs:		CH	CHECK	
			FROM	TO	LAB	REGION	
Additional							
44. EPA Shipp	ing/Receiving Documents						
Airbill (No. of Shipments6)		576	581	✓		
Sample Ta	gs		NA	NA	✓		
Sample Lo	g-In Sheet (Lab)		582	583	✓		
45. Misc. Shi	pping/Receiving Records(list all individe	ual records)					
			NA_	NA_			
	Lab Sample Transfer Records and Tracking	Sheets					
(describe	e or list)		584	584	1		
						-	
47 Other Bee	ords and related Communication Logs					. ———	
	or list)						
			NA	NA	_ ✓		
48. Comments:							
40. Commencs.							
Completed by	:						
(CLP Lab)	(Signature)	Nimisha Pandya, Docume (Print Name & Title)	nt Control	Officer	(Da	te)	
Audited by: (EPA)	(orginature)	(IIIIIC Name & IICIe)			(Da	<i>ce)</i>	
, <i>,</i>	(Signature)	(Print Name & Title)			(Da	te)	



SDG NARRATIVE

USEPA
SDG # YE8G5
CASE # 51955
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID #Q1106

A. Number of Samples and Date of Receipt

18 Soil samples were delivered to the laboratory intact on 01/16/2025, 01/18/2025.

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: 2.1°C, 2.0°C, 1.9°C, 2.5°C, 1.8°C, 2.1°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 YE8G3 For Barium:

If
$$C = 2.107845 \text{ ppm}$$

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

Concentration or Result (
$$\mu$$
g/L) = 2.107845 x $\underline{50}$ x 1 x 1000 $\underline{50}$

 $= 2107.845 \mu g/L$

= 2100 µg/L (Reported Result with Signification)

Calculation for Hg Water Sample:

Concentration or Result ($\mu g/L$) = $C \times DF$ Where,

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

DF = Dilution Factor

Example Calculation For Sample YE8H0:

$$\begin{array}{c} \text{If C} &= 0.0421 \text{ ppb} \\ \text{DF} &= 1 \end{array}$$

Concentration or Result (μ g/L) = 0.0421 x 1 = 0.042 μ g/L = 0.042 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 Aluminum, Manganese. Duplicate sample did meet requirements Calcium. Serial Dilution did meet requirements except for Barium, Calcium.



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.

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