SDG COVER PAGE

Alliance Technical Group, LLC Lab Name: Contract: 68HERH20D0011 Lab Code: Case No.: 51900 MA No.: 3114.1 SDG No.: ME2975 SOW No. : SFAM01.1 Analysis Method EPA Sample No. Lab Sample Id ICP-AES ICP-MS Mercury Cyanide ME2975 Q1204-01 Χ Χ Χ ME2975D Q1204-02 Χ Χ Χ ME2975S Q1204-03 Χ Χ Χ ME2978 Q1204-04 Χ Χ ME2979 Q1204-05 Χ Χ Χ ME2989 Q1204-06 Χ Χ ME2991 Q1204-07 Χ Χ Χ ME2996 Q1204-08 Χ Χ Q1204-09 ME29A4 Χ Χ Χ ME29A5 Q1204-10 Χ Χ Χ ME29A7 Χ Χ Χ Q1204-11 ME29A8 Q1204-12 Χ Χ Χ ME29B0 Χ Q1204-13 Χ Χ ME29B1 Χ Χ Χ Q1204-14 ME29A9 Q1204-15 Χ Χ ME29B2 Q1204-16 Χ Χ ME29B3 Q1204-17 Χ Χ Χ ME29B4 Q1204-18 Χ Χ Χ ME29B5 Q1204-19 Χ Χ Χ ME29B8 Q1204-20 Χ Χ Χ Q1204-21 ME29B9 Χ Χ Χ ME29C0 Q1204-22 Χ Χ Χ

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)

DateShipped: 1/27/2025 CarrierName: UPS

AirbillNo: 1Z93947Y0128131083

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 24

Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed

No: 5-012725-113516-0348

Lab Phone: 312-353-9083

		3	 	_	 _					
For Lab Use Only		200 AS								
Collection Date/Time	01/27/2025 11:10	01/27/2025 11:10								
Location	EPA-MW-001- MS/MSD	EPA-MW-001- MS/MSD								
Tag/Preservative/Bottles	5336, 5337, 5338, 5339 (16)	5340 (NaOH), 5341 (HN03) (4)								
Analysis/Turnaround (Days)	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	CN(21), ICP- MS+HG+HARD(21)								
Coil. Method	Grab	Grab								
Matrix/Sampler	Water/	Water/								
CLP Sample No.	E2975	ME2975								
Sample Identifier	EPA-MW-001- MS/MSD	EPA-MW-001- MS/MSD								

Samples Transferred From Chain of Custody # Shipment for Case Complete? N Special Instructions: Please return cooler with enclosed airbill ASAP (1293947Y0325514797).

Analysis Key: SVSIM=Semivolatiles + SIM, 1,4-DSIM=1,4-Dioxane by SIM, PEST=Pesticides, ARO=Aroclors, CN=Cyanide, ICP-MS+HG+HARD=ICP-MS 11+ Metals+HG+Hardness

Date/Time Sample Condition Upon Receipt		1-28-25 31-c 1010 IN 1-1	custody sepl whether	Thus site or specif
	7	1-28-25		
Received by (Signature and Organization)		1	>	
Date/Time	11210 S.30			
Relinquished by (Signature and Organization)	shall Dear			
Items/Reason		,		

USEPA CLP COC (LAB COPY)

DateShipped: 1/27/2025

CarrierName: UPS

AirbillNo: 1293947Y0133614499

Case #: 51900 Cooler #: 25

CHAIN OF CUSTODY RECORD

Lab: Aliance Technical Group LLC Lab Contact: Mohammad Ahmed

No: 5-012725-150814-0349

Lab Phone: 312-353-9083

For Lab Use Only 3 3 01/27/2025 14:30 01/27/2025 14:30 01/27/2025 14:30 01/27/2025 14:30 Collection Date/Time IA-11-MW-01 IA-11-MW-01 MW-25-105 MW-25-105 Location 5376 (NaOH), 5377 (HN03) (2) 5383 (NaOH), 5384 (HN03) (2) 5372, 5373, 5374, 5375 (8) Tag/Preservative/Bottles 5379, 5380, 5381, 5382 (8) SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21) SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21) Analysis/Turnaround CN(21), ICP-MS+HG+HARD(21) CN(21), ICP-MS+HG+HARD(21) (Days) Coll. Grab Grab Grab Grab Matrix/Sampler Water/ Water/ Water/ Water/ CLP Sample No. ME2978 ME2979 E2978 E2979 Sample Identifier IA-11-MW-01 IA-11-MW-01 MW-25-105 MW-25-105

Samples Transferred From Chain of Custody # Shipment for Case Complete? N Special Instructions: Please return cooler with enclosed airbill ASAP (1293947Y0330979400).

Analysis Key: SVSIM=Semivolatiles + SIM, 1,4-DSIM=1,4-Dioxane by SIM, PEST=Pesticides, ARO=Aroclors, CN=Cyanide, ICP-MS+HG+HARD=ICP-MS 11+ Metals+HG+Hardness

Relinquished by (Signature and Organization)	ganization)	Date/Time	Received by (Signature and Organization)	Date/Time	Date/Time Sample Condition Upon Receipt
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USEPA CLP COC (LAB COPY)

DateShipped: 1/29/2025 CarrierName: UPS

AirbillNo: 1Z93947Y0120689540

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 31

No: 5-012925-100423-0360

Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Lab Phone: 312-353-9083

7140 OH TO For Lab Use Only 0H 10 01 10 IA-04-MW-04-RI 01/29/2025 10:45 01/29/2025 14:58 IA-11-MW-02S 01/29/2025 10:11 IA-04-MW-04-RI 01/29/2025 10:45 IA-15-MW-01S 01/29/2025 14:58 01/29/2025 10:11 Collection Date/Time IA-11-MW-02S IA-15-MW-01S Location 5467 (NaOH), 5468 (HN03) (2) 5506, 5507, 5508, 5509 (1) 5456, 5457, 5458, 5459 (2) 5463, 5464, 5465, 5466 (8) Tag/Preservative/Bottles 5461 (HN03) (1) 5511 (HN03) (1) SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21) SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21) SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21) ICP-MS+HG+HARD(21) ICP-MS+HG+HARD(21) Analysis/Turnaround CN(21), ICP-MS+HG+HARD(21) (Days) Coll. Method Grab Grab Grab Grab Grab Grab Matrix/Sampler Water/ Water Water/ Water/ Water/ Water/ Sample No. ME2989 ME2996 ME2991 E2989 E2991 E2996 급 Sample Identifier IA-04-MW-04-RI 1A-04-MW-04-RI IA-15-MW-01S IA-11-MW-02S IA-15-MW-01S IA-11-MW-02S

Special Instructions: Please return cooler with enclosed airbiil ASAP (1Z93947Y0330520458). Note reduced volume for sample IA
Samples Transferred From Chain of Custody #

11-MW-02S and IA-15-MW-01S. Please coordinate with USACE on analyses to be run. Shipment for Case Complete? N

Analysis Key: SVSIM=Semivolatiles + SIM, 1,4-DSIM=1,4-Dioxane by SIM, PEST=Pesticides, ARO=Aroclors, ICP-MS+HG+HARD=ICP-MS 11+ Metals+HG+Hardness, CN=Cyanide

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Date/Time Sample Condition Upon Receipt
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0				1-30-25	2plant 1 8.3
)		Contact Seed to and

USEPA CLP COC (LAB COPY)

DateShipped: 1/30/2025

AirbillNo: 1Z93947Y0131748232 CarrierName: UPS

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 39

Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Lab Phone: 312-353-9083

No: 5-013025-140338-0369

01/30/2025 12:25 1-51m- Marshall For Lab Use Backer Only 20. 01/30/2025 13:10 01/30/2025 13:10 01/30/2025 12:25 Collection Date/Time IA-04-MW-05S IA-04-MW-05S MW-107 Location MW-107 5566 (NaOH), 5567 (HN03) (2) 5573 (NaOH), 5574 (HN03) (2) 5569, 5570, 5571, 5572 (8) Tag/Preservative/Bottles 5562, 5563, 5564, 5565 (8) SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21) SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21) Analysis/Turnaround CN(21), ICP-MS+HG+HARD(21) CN(21), ICP-MS+HG+HARD(21) (Days) Coll. Method Grab Grab Grab Grab Matrix/Sampler Water/ Water/ Water/ Water/ Sample No. ME29A5 ME29A4 E29A5 김 E29A4 Sample Identifier IA-04-MW-05S-25 IA-04-MW-05S-25 MW-107-25 MW-107-25

			9)	Shipment for Case Complete? N	Complete? N
Special Instruction	Special Instructions: Please return cooler with enclosed airbill ASAP (1Z93947Y0339969940)	(1Z9394ZY03399)		Samples Transferre	Samples Transferred From Chain of Custody#
Analysis Key: SV	Analysis Key: SVSIM=Semivolatiles + SiM, 1,4-DSIM=1,4-Dioxane b	by SIM, PEST=Pes	y SIM, PEST=Pesticides, ARO=Aroclors, CN=Cyanide, ICP-MS+HG+HARD=ICP-MS 11+ Metals+HG+Hardness	HG+HARD=ICP-MS	11+ Metals+HG+Hardness
Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	WM Dex	1 (30 (25)	500	1/30/25	
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					time bluk me-

USEPA CLP COC (LAB COPY)

DateShipped: 1/30/2025 CarrierName: UPS

AirbillNo: 1Z93947Y0138729642

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 40

Lab: Alliance Technical Group LLC No: 5-013025-152018-0372

Lab Contact: Mohammad Ahmed Lab Phone: 312-353-9083

- COLON - COCO -
SVSIM(21), 1,4-DSIM(21), 5590, 5591, 5592, 5593 (8) PEST(21), ARO(21)
CN(21), ICP- MS+HG+HARD(21)
CN(21), ICP- MS+HG+HARD(21)

			0,	Shipment for Case Complete? N	Complete? N	
Special Instructi	Special Instructions: Please return cooler with enclosed airbill ASAP	P (1293947Y0328292558)		Samples Transferre	Samples Transferred From Chain of Custody #	
2	POBLE Commission Cold A 4 DOBB-4 4 Discourse	P. CIM DECT-Dog	CIM DECT-DOWN ADD-AMONDO ON-CHORNES OF MC+HG+HGPHADD-ICD-MS 11+ Metale+HG+Hamines	HAPPI-ICP-MS	11+ Metale+HG+Hardness	T
Analysis Key: 5	Analysis Key: SVSIMI=Semiyoladies + SIM, 1,4-DSIMI=1,4-DIOXane by	by SIMI, TEST -TES	indicates, or cyalling, the cyalling, to the cyalling of the c			
Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt	eipt
	H	120(25)	ò	(/2/2.5	#4 9m 7.30	0.
	" News	18.30	250	18.30		
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USEPA CLP COC (LAB COPY)

Page 1 of 1

DateShipped: 1/31/2025

CarrierName: UPS

AirbillNo: 1Z93947Y4436628282

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 41

SDG # ME2975

Lab: Alliance Technical Group LLC No: 5-013125-093208-0374

Lab Phone: 312-353-9083 Lab Contact: Mohammad Ahmed

JH (.D) AL For Lab Use Only 01/31/2025 10:05 01/31/2025 10:05 01/31/2025 10:05 01/31/2025 10:05 Collection Date/Time IA-11-LFB-03 IA-11-LFA-02 IA-11-LFB-03 IA-11-LFA-02 Location 5615 (NaOH), 5616 (HN03) (2) 5622 (NaOH), 5623 (HN03) (2) 5611, 5612, 5613, 5614 (8) 5618, 5619, 5620, 5621 (8) Tag/Preservative/Bottles SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21) SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21) Analysis/Turnaround CN(21), ICP-MS+HG+HARD(21) CN(21), ICP-MS+HG+HARD(21) (Days) Coll. Grab Grab Grab Grab Matrix/Sampler Water/ Water/ Water/ Water/ Sample No. ME29B0 E29B0 ME29B1 E29B1 CLP Sample Identifier IA-11-LFB-03 IA-11-LFA-02 IA-11-LFB-03 IA-11-LFA-02

Samples Transferred From Chain of Custody # Analysis Key: SVSIM=Semivolatiles + SIM, 1,4-DSIM=1,4-Dioxane by SIM, PEST=Pesticides, ARO=Aroclors, CN=Cyanide, ICP-MS+HG+HARD=ICP-MS 11+ Metals+HG+Hardness Shipment for Case Complete? N Special Instructions: Please return cooler with enclosed airbill ASAP (1293947Y0331504367).

Sample Condition Upon Receipt And down (8:30 1.8.1 211/21 Date/Time 1/35/125 Received by (Signature and Organization) 1/31/25 Date/Time Items/Reason Relinquished by (Signature and Organization)

68HERH20D0011

Page 1 of 1

USEPA CLP COC (LAB COPY)

DateShipped: 1/31/2025

CarrierName: UPS AirbillNo: 1Z93947Y4437295694

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 42

No: 5-013125-111318-0375

SDG # ME2975

Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 312-353-9083

_	07			o o
For Lab Use Only			DH CO/OH C	E
Collection Date/Time	01/30/2025 15:50	IA-11-MW-01S 01/31/2025 10:35	01/30/2025 15:50	01/31/2025 10:35
Location	MW-105	A-11-MW-01S	MW-105	IA-11-MW-01S
Tag/Preservative/Bottles	5597, 5598, 5599, 5600 (8)	5632, 5633, 5634, 5635 (1)	5601 (NaOH), 5602 (HN03) (2)	5637 (HN03) (1)
Analysis/Turnaround (Days)	SVSIM(21), 1,4- DSIM(21), PEST(21), ARO(21)	SVSIM(21), 1,4- DSIM(21), PEST(21), ARO(21)	CN(21), ICP- MS+HG+HARD(21)	ICP-MS+HG+HARD(21)
Coll. Method	Grab	Grab	Grab	Grab
Matrix/Sampler	Water/	Water/	Water/	Water/
CLP Sample No.	E29A9	E29B2	ME29A9	ME29B2
Sample Identifier	MW-105-25	IA-11-MW-01S	MW-105-25	IA-11-MW-01S

Samples Transferred From Chain of Custody # Shipment for Case Complete? N Special Instructions: Please return cooler with enclosed airbill ASAP (1293947Y0339029376). Note reduced volume for sample IA-11-MW-01S. Please coordinate with USACE on analyses to be run.

Analysis Key: SVSIM=Semivolatiles + SIM, 1,4-DSIM=1,4-Dioxane by SIM, PEST=Pesticides, ARO=Aroclors, CN=Cyanide, ICP-MS+HG+HARD=ICP-MS 11+ Metals+HG+Hardness

Relinquished by (Signature and Organization)
V11/25

USEPA CLP COC (LAB COPY) DateShipped: 1/31/2025

AirbillNo: 1Z93947Y4425908302 CarrierName: UPS

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 43

Lab Contact: Mohammad Ahmed No: 5-013125-134904-0376 Lab: Alliance Technical Group LLC

SDG # ME2975

68HERH20D0011

Lab Phone: 312-353-9083

Sample identifier Sample No.	Matmx/Sampler	Colf.	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use
E29B3	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5639, 5640, 5641, 5642 (8)	IA-11-LFA-04	01/31/2025 12:15	
E29B4	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5653, 5654, 5655, 5656 (8)	IA-11-LFA-03	01/31/2025 14:15	
ME29B3	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5643 (NaOH), 5644 (HN03) (2)	IA-11-LFA-04	01/31/2025 12:15	o polar po
ME29B4	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5657 (NaOH), 5658 (HN03) (2)	IA-11-LFA-03	01/31/2025 14:15	

Shipment for Case Complete? N	Samples Transferred From Chain of Custody #	
	Special Instructions: Please return cooler with enclosed airbill ASAP (1Z93947Y0329571585).	

Analysis Key: SVSIM=Semivolatiles + SIM, 1,4-DSIM=1,4-Dioxane by SIM, PEST=Pesticides, ARO=Aroclors, CN=Cyanide, ICP-MS+HG+HARD=ICP-MS 11+ Metals+HG+Hardness

Mex. 1131630 UPS N31163 2:1 I Then A	tems/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Date/Time Sample Condition Upon Receipt
211/25		old Nexy	1/31/25	285	1/3/1/25	2.1° ITEM A
	4			Per	211/25	1 20 2

USEPA CLP COC (LAB COPY)

AirbillNo: 1Z93947Y0133736250 DateShipped: 2/3/2025 CarrierName: UPS

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 44

Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed

No: 5-020325-100856-0378

Lab Phone: 312-353-9083

			1				_	_		_
For Lab Use Only			51 Ho 0.1 Ho	7						
Collection Date/Time	01/31/2025 14:30	02/03/2025 10:20	01/31/2025 14:30	02/03/2025 10:20						
Location	IA-11-LFB-02	IA-04-MW-01	IA-11-LFB-02	IA-04-MW-01						
Tag/Preservative/Bottles	5646, 5647, 5648, 5649 (8)	5668, 5669, 5670, 5671 (8)	5650 (NaOH), 5651 (HN03) (2)	5672 (NaOH), 5673 (HN03) (2)						
Analysis/Turnaround (Days)	SVSIM(21), 1,4- DSIM(21), PEST(21), ARO(21)	SVSIM(21), 1,4- DSIM(21), PEST(21), ARO(21)	CN(21), ICP- MS+HG+HARD(21)	CN(21), ICP- MS+HG+HARD(21)						
Coll.	Grab	Grab	Grab	Grab						
Matrix/Sampler	Water/	Water/	Water/	Water/						
CLP Sample No.	E29B5	E29B8	ME29B5	ME29B8						
Sample Identifier	IA-11-LFB-02	IA-04-MW-01-25	IA-11-LFB-02	IA-04-MW-01-25						

	Special Instructions: Please return cooler with enclosed airbill ASAP (1293947Y0332714996).	Samples Transferred From Chain of Custody #	1//
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items/Reason	Items/Reason Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	hall plexs,	25/4	\$	43/25	
9			1 X	2-4-5	16.3%
)		The mid pursue of

USEPA CLP COC (LAB COPY)

DateShipped: 2/3/2025

CarrierName: UPS

AirbillNo: 1Z93947Y0120112064

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 45

Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Lab Phone: 312-353-9083

No: 5-020325-141924-0379

For Lab Use Only 21 40 01 10 02/03/2025 12:50 02/03/2025 12:25 02/03/2025 12:25 02/03/2025 12:50 Collection Date/Time IA-04-MW-01S IA-04-MW-01S Location GMWZ GMW2 5686 (NaOH), 5687 (HN03) (2) 5679 (NaOH), 5680 (HN03) (2) 5675, 5676, 5677, 5678 (8) Tag/Preservative/Bottles 5682, 5683, 5684, 5685 (8) SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21) SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21) Analysis/Turnaround CN(21), ICP-MS+HG+HARD(21) CN(21), ICP-MS+HG+HARD(21) (Days) Coll. Grab Grab Grab Grab Matrix/Sampler Water/ Water/ Water/ Water/ Sample No. ME29B9 ME29C0 E29B9 E29C0 CLP Sample Identifier IA-04-MW-01S-25 IA-04-MW-01S-25 GMW2 GMW2

Samples Transferred From Chain of Custody # Shipment for Case Complete? N Special Instructions: Please return cooler with enclosed airbill ASAP (1293947Y0322523603).

Analysis Key: SVSIM=Semivolatiles + SIM, 1,4-DSIM=1,4-Dioxane by SIM, PEST=Pesticides, ARO=Aroclors, CN=Cyanide, ICP-MS+HG+HARD=ICP-MS 11+ Metals+HG+Hardness

			5	7
Sample Condition Upon Receipt		70 Con # 2.8	Custody Sal Tatos	Teno Blak present
Date/Time	2/1/2	10:28	2-4-25	
Received by (Signature and Organization)	550		1	
Date/Time	भ्यायाः ३०			
re and Organization)	Aexis			
Relinquished by (Signature and Organization)	Shi	0		
Items/Reason				

Lab Name: Alliance Technical Group	, LLC	Page 1 of 10
Received By (Print Name)	158 NESLON	Log-in Date 1/28/2025
Received By (Signature)		
Case Number 51900	SDG No. ME2975	MA No. 3114.1

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	1z93947y0128131083
Shipping Container	1
ID No.	-
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	3.1 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	01/28/2025
12.Time Received	10:10

			Correspond	ding	Damanka
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	ME2975	1.0,12	5340,41	Q1204-01	Intact
2	ME2975D	1.0,12	5340,41	Q1204-02	Intact
3	ME2975S	1.0,12	5340,41	Q1204-03	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	V/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 I	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	12825	Logbook Page No.	N/A	

Lab Name : Alliance Technical Gro	oup, LLC	Page_2_of_10
Received By (Print Name)	70159 NESION	Log-in Date 1/28/2025
Received By (Signature)		•
Case Number 51900	SDG No. ME2975	MA No. 3114.1

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.	1z93947y0133614499 2
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.9 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	01/28/2025
12.Time Received	10:10

			Correspon	ding	
	EPA Sample #	Aqueous Water Sample pH	, Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	ME2978	1.0,12	5376,77	Q1204-04	Intact
2	ME2979	1.0,12	5383,84	Q1204-05	Intact
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	V/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	1/28/25	Logbook Page No.	N/A

Lab Name : Alliance Technical Group,	LLC A	Page_3_of_10
Received By (Print Name) 055000	ara liner	Log-in Date 1/30/2025
Received By (Signature)	**	
Case Number 51900	SDG No. ME2975	MA No. 3114.1

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.	1z93947y0120689540 3
Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	3.3 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 agree ?	Yes
11. Date Received at Lab	01/30/2025
12.Time Received	10:18

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		_			
			Correspondi	Domarkei	
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	ME2989	1.0	5461	Q1204-06	Intact
2	ME2991	1.0,12	5467,68	Q1204-07	Intact
3	ME2996	1.0	5511	Q1204-08	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		Logbook No.	N/A	
Date	1 30 25	Logbook Page No.	N/A	

Lab Name : Alliance Technical Group	Page_4_of_10	
Received By (Print Name asgno	Log-in Date 1/31/2025	
Received By (Signature)	_	
Case Number 51900	SDG No. ME2975	MA No. 3114.1

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.	1z93947y0131748232 4
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	3.6 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	01/31/2025
12.Time Received	10:23

			Correspoi	Domonules	
	EPA Sample #	Aqueous Water Sample pH	, Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	ME29A4	1.0,12	5566,67	Q1204-09	Intact
2	ME29A5	1.0,12	5573,74	Q1204-10	Intact
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

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Date	1	31	25	Logbook Page No.	N/A

Lab Name: Alliance Technical Group,	LLC	Page_5_of_\to
Received By (Print Name)	nosa Kejo	Log-in Date 1/31/2025
Received By (Signature)		
Case Number 51900	SDG No. ME2975	MA No. 3114.1

	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.	1z93947y0138729642 5
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 agree ?	Yes
11. Date Received at Lab	01/31/2025
12.Time Received	10:23

			Correspor	D	
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	ME29A7	1.0,12	5587,88	Q1204-11	Intact
2	ME29A8	1.0,12	5594,95	Q1204-12	Intact
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/Á
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 I	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	1	Logbook No.	N/A
Date	2/1/25	Logbook Page No.	N/A

Lab Name: Alliance Technical		Page_6_of_10
Received By (Print Name)	ssanova leja	Log-in Date 2/1/2025
Received By (Signature)		
Case Number 51900	SDG No. ME2975	MA No. 3114.1

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.	1z93947Y4436628282 6
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	1.8 Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag	Absent
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	02/01/2025
12.Time Received	10:10

			Corresponding		
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	ME29B0	1.0,12	5615,5616	Q1204-13	Intact
2	ME29B1	1.0,12	5622,5623	Q1204-14	Intact
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

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Date	21125	Logbook Page No.	N/A	

Lab Name: Alliance Technica	I Group, LLC	Page 7 of (0
Received By (Print Name)	Essanova lena	Log-in Date 2/1/2025
Received By: (Signature)	2-	
Case Number 51900	SDG No. ME2975	MA No. 3114.1

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.	1z93947y4437295694 7
Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	1.3 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 agree ?	Yes
11. Date Received at Lab	02/01/2025
12.Time Received	10:10

			IMA NO.	D 1 1 TT, 1	
			Correspond	ling	
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	ME29A9	1.0,12	5601,5602	Q1204-15	Intact
2	ME29B2	1.0	5637	Q1204-16	Intact
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
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	N/A	N/A	 N/A

Reviewed By		Logbook No.	N/A
Date	21125	Logbook Page No.	N/A

Lab Name : Alliance Technical	Group, LLC	Page_8 of 10
Received By (Print Name)	asarava tona	Log-in Date 2/1/2025
Received By (Signature)	V	
Case Number 51900	SDG No. ME2975	MA No. 3114.1

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.	1z93947y4425908302
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
Date Received at Lab	02/01/2025
2.Time Received	10:10

			Correspor	nding	
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	ME29B3	1.0,12	5643,5644	Q1204-17	Intact
2	ME29B4	1.0,12	5657,5658	Q1204-18	Intact
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	V/A	N/A	N/A
21	N/A	N/A I	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

Reviewed By		Logbook No.	N/A
Date	2/1/25	Logbook Page No.	N/A

Lab Name: Alliance Technical Group	, LLC	Page_9_of_10			
Received By (Print Name)	Log-in Date 2/4/2025				
Received By (Signature)					
Case Number 51900	SDG No. ME2975	MA No. 3114.1			

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.	1z93947y0133736250 9
6. 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 agree ?	Yes
11. Date Received at Lab	02/04/2025
12.Time Received	10:28

			Correspon	ding	Damanuka	
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.	
1	ME29B5	1.0,12	5650,51	Q1204-19	Intact	
2	ME29B8	1.0,12	5672,73	Q1204-20	Intact	
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	

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Date	21425	Logbook Page No.	N/A

Lab Name: Alliance Technical Group,	Page_10 of 10				
Received By (Print Name)	nova lina	Log-in Date 3/4/2025			
Received By (Signature)					
Case Number 51900	SDG No. ME2975	MA No. 3114.1			

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.	1z93947y0120112064 10
Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.8 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	02/04/2025
12.Time Received	10:28

			Correspoi	nding		
	EPA Sample #	Aqueous Water Sample pH		Assigned	Remarks: Condition of Sample Shipment, etc.	
1	ME29B9	1.0,12	5679,80	Q1204-21	Intact	
2	ME29C0	1.0,12	5686,87	Q1204-22	Intact	
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	N/A	N/A	 N/A	

Reviewed By		Logbook No.	N/A
Date	214/25	Logbook Page No.	N/A

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

LAB NAME	Alliance Technica	al Group, LLC		
LAB CODE	ACE			
CONTRACT NO.	68HERH20D0011			
CASE NO.	51900	SDG NO.	ME2975	
MA NO.	3114.1	SOW NO.	SFAM01.1	
				·

All documents delivered in the Complete SDG File must be original documents where possible. (Reference - Exhibit B Section 2.4)

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	PAGE	NOs:	CHI	ECK_
	FROM	TO	LAB	REGION
1. SDG Cover Page	1	1	_ ✓	
2. Traffic Report/Chain of Custody Record(s)	2	11	✓	
3. Sample Log-In Sheet (DC-1)	12	21	- ✓	
4. CSF Inventory Sheet (DC-2)	22	24	√	
5. SDG Narrative	25	30	- ✓	
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	NA	NA	✓	
or sample analysis, laboratory QC as applicable 9. Instrument raw data by instrument in analysis order	NA	NA	✓	
Other Data				
10. Standard and Reagent Preparation Logs	NA	NA	✓	
11. Original Preparation and Cleanup forms or copies of Preparation and	NA	NA	✓	
Cleanup Logbooks 12. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	NA	NA	✓	
13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	
14. Extraction Logs for TCLP and SPLP	NA	NA		
15. Raw GPC Data	NA	NA	✓	
16. Raw Florisil Data	NA	NA	✓	
Analysis Forms and Data (ICP-MS)				
17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample	31	50	_ ✓	
or sample analysis, laboratory QC as applicable 18. Instrument raw data by instrument in analysis order	51	694	✓	
Other Data				
19. Standard and Reagent Preparation Logs	695	848	✓	
20. Original Preparation and Cleanup forms or copies of Preparation and	849	850	✓	
Cleanup Logbooks 21. Original Analysis or Instrument Run forms or copies of Analysis or	851	857	✓	
<pre>Instrument Logbooks 22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions</pre>	NA	NA	✓	

	PAGE	PAGE NOs:		ECK
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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	858	877		
or sample analysis, laboratory QC as applicable 27. Instrument raw data by instrument in analysis order	878	880	_	
Other Data				
28. Standard and Reagent Preparation Logs	881	907	✓	
29. Original Preparation and Cleanup forms or copies of Preparation and	908	909	✓	
Cleanup Logbooks 30. Original Analysis or Instrument Run forms or copies of Analysis or	910	913	✓	
Instrument Logbooks 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	914	930	_	
or sample analysis, laboratory QC as applicable 36. Instrument raw data by instrument in analysis order	931	935		
Other Data				
37. Standard and Reagent Preparation Logs	936	964	✓	
38. Original Preparation and Cleanup forms or copies of Preparation and	965	966	✓	
Cleanup Logbooks 39. Original Analysis or Instrument Run forms or copies of Analysis or	967	970	✓	
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	
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Additional 44. EPA Shipp	ing/Receiving Documents					
Airbill (No. of Shipments		971	980	✓	
Sample Ta	gs		NA	NA	√	
Sample Lo	g-In Sheet (Lab)		981	983	✓	
45. Misc. Shi	pping/Receiving Records(list all	individual records)	NA	NA		
46 Intornal	Lab Sample Transfer Records and	Tracking Shoots				·
(describe			984	988	✓	
47. Other Rec (describe	ords and related Communication I or list)	uogs	 NA	NA		
				INA		
48. Comments:						
Completed by: (CLP Lab)		Nimisha Pandya, Doc		Officer		
Audited by: (EPA)	(Signature)	(Print Name & Titl	Le)		(Da	te)
	(Signature)	(Print Name & Titl	Le)		(Da	te)



SDG NARRATIVE

USEPA
SDG # ME2975
CASE # 51900
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # Q1204
MODIFIED ANALYSIS # 3114.1

A. Number of Samples and Date of Receipt

20 Water samples were delivered to the laboratory intact on 01/28/2025, 01/30/2025, 01/31/2025, 02/01/2025 & 02/04/2025.

B. Parameters

Test requested for Metals CLP MS = Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Hardness, total, Mercury, Cyanide.

C. Cooler Temp

Indicator Bottle: Presence/Absence

Cooler: 3.1°C, 2.9°C, 3.3°C, 3.6°C, 2.3°C, 1.8°C, 1.3°C, 2.1°C, 2.8°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.

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.

F. Analytical Techniques:

All analyses were based on CLP Methodology by method SFAM01.1.



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G. Calculation:

Calculation for ICP-MS Water Sample:

Concentration or Result (
$$\mu$$
g/L) = C x \underline{Vf} x DF \underline{Vi}

Where,

C = Instrument value in ppb (The average of all replicate integrations)

Vf = Final digestion volume (mL)

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

DF = Dilution Factor

Example Calculation For Sample ME2975 For Antimony:

$$If C = 0.11 ppb$$

$$Vf = 50 ml$$

Vi = 50 ml

DF = 1

Concentration or Result (
$$\mu$$
g/L) = 0.11 x $\underline{50}$ x 1 $\underline{50}$

$$=~0.11~\mu g/L$$

= 0.11 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 ME2975:

If
$$C = 0.0575 \text{ ppb}$$

$$DF = 1$$

Concentration or Result (
$$\mu$$
g/L) = 0.0575 x 1

$$= \quad 0.0575 \; \mu g/L$$



= $0.058 \mu g/L$ (Reported Result with Signification)

Calculation for CN Water Sample:

Concentration or Result (
$$\mu$$
g/L) = C x Vf Vi Vi

Where,

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

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

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

DF = Dilution Factor

Example Calculation For Sample ME29B4:

If C = 86.9569 ppb Vf = 50 ml Vi = 50 mlDF = 1

Concentration or Result (μ g/L) = 86.9569 x $\underline{50}$ x 1 $\underline{50}$

 $=\ 86.9569\ \mu g/L$

= 87 μg/L (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 Selenium and Mercury. Duplicate sample did meet requirements. Serial Dilution did meet requirements except for Manganese.

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.



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Internal Standard Association for ICP-MS analysis.

Internal Standard Association for ICP-M				
Target Analyte	Associated Internal Standard			
Aluminum	45Sc			
Antimony	159Tb			
Arsenic	89Y			
Barium	159Tb			
Beryllium	6Li			
Cadmium	159Tb			
Calcium	45Sc			
Chromium	45Sc			
Cobalt	45Sc			
Copper	45Sc			
Iron	45Sc			
Lead	209Bi			
Magnesium	45Sc			
Manganese	45Sc			
Nickel	45Sc			
Potassium	45Sc			
Selenium	89Y			
Silver	159Tb			
Sodium	45Sc			
Thallium	209Bi			
Vanadium	45Sc			
Zinc	45Sc			



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I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature	Name: Nimisha Pandya	
Date	Title: Document Control Officer	

Date: 08/08/2023	MA: 3114.1	Title: ICP-MS Analysis with Hardness				
Method Source: SFAM01.1	Method: ICP-MS					
Matrix: Aqueous/Water						
Summary of Modification						

The purpose of this modified analysis is to analyze aqueous/water samples by ICP-MS with the additional calculated analyte Hardness. Unless specifically modified by this modification, all analyses, Quality Control (QC), and reporting requirements specified in the SOW listed in your current EPA agreement remain unchanged and in full force and effect.

Analyte CAS Number CRQL (mg/L)

II. Calibration and QC Requirements	Not applicable
III. Preparation and Method Modifications	Not applicable

Hardness

The Laboratory shall:

IV. Special Reporting Requirements

I. Analyte Modifications

Hardness (total)

- Report Hardness (total) in units of mg/L on Form 1, calculated from the calcium and magnesium results using Equation 4F in Exhibit G, Section 3.2.
- The instructions for reporting Hardness by ICP-AES apply to these ICP-MS analyses. All applicable AnalyteGroupID and AnalysisGroupID data elements shall be reported. Report AnalyteGroup for Hardness, and any necessary AnalysisGroup nodes.
- Report the reported results for Hardness (total) in the EDD with AnalyteType = "Derived" and ClientAnalyteID = "Hardness" for the field samples, field blanks, and PT samples only.
- Ensure the SDG Narrative is updated as stated in the SOW, including any technical and administrative problems encountered and the resolution or corrective actions taken. These problems may include interference problems encountered during analysis, dilutions, re-analyses and/or re-preparations performed, and problems with the analysis of samples. Also, include a discussion of any SOW Modified Analyses, including a copy of the approved modification form with the SDG Narrative.
- Report the "J" and "U" qualifiers in accordance with the requirements in Exhibit B, Section 3.4.3.2.4.2, using the modified CRQL.

Not applicable

Not applicable

3.3