SDG COVER PAGE

Alliance Technical Group, LLC Lab Name: Contract: 68HERH20D0011 Lab Code: Case No.: 51900 MA No.: 3114.1 SDG No.: ME2964 SOW No. : SFAM01.1 Analysis Method EPA Sample No. Lab Sample Id ICP-AES ICP-MS Mercury Cyanide ME2964 Q1200-01 Χ Χ Χ ME2964D Q1200-02 Χ Χ Χ ME2964S Q1200-03 Χ Χ Χ ME2981 Q1200-04 Χ Χ ME2982 Q1200-05 Χ Χ ME2983 Q1200-06 Χ Χ Χ ME2984 Q1200-07 Χ Χ Χ ME2985 Q1200-08 Χ Χ Χ ME2986 Q1200-09 Χ Χ Χ ME2987 Q1200-10 Χ Χ Χ ME2988 Χ Χ Χ 01200-11 ME2992 Q1200-12 Χ Χ Χ Q1200-13 ME2994 Χ Χ Χ Χ Χ Χ ME2995 Q1200-14 ME2999 Q1200-15 Χ Χ ME2997 Q1200-16 Χ Χ Χ ME2998 Q1200-17 Χ Χ Χ ME29A0 Q1200-18 Χ Χ Χ ME29A1 Q1200-19 Χ Χ Χ ME29A2 Q1200-20 Χ Χ Χ ME29A3 Q1200-21 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:

Page 1 of 1

USEPA CLP COC (LAB COPY)
DataShippad: 1/24/2025
CerrierName: UPS
AirbilNo: 1/28/3947Y0137189446

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 19

No: 5-012425-144003-0341
Lab: Alliance Technical Group LLC
Lab Confact Mohammad Ahmed
Lab Phone 312-353-8083

	OW-11-MS/MSD	OW-11-MS/MSD	_
MAN STATE	ME2064	E2964	Sample No.
vvaterr		Water	Matrix/Sampler
Grab		Grab	Coll.
MS+HG+HARD(21)	DSIM(21), PEST(21), ARO(21)	(Days)	Analysis/Turneround
5282 (NaOH), 5283 (HN03) (4)	5479, 5279, 5280, 5281 (16)		Tag/Preservative/Socies
MS/MSD MS/MSD	MSW/SW	Homeson	Ideation
01/24/2025 10:35	01/24/2025 10:35	Date/Time	- Carried
		Only	

Special instructions: Please return cooler with enclosed airbill ASAP (1293947Y0309998368).

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

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

Items/Reason Relinquished by (Signature and Organization) Received by (Signature and Organization) SO Data/Time 127/25 80.38 18:30 Sample Condition Upon Receipt

CarrierName: UPS DateShipped: 1/28/2025

AirbillNo: 1Z93947Y0139120912

CHAIN OF CUSTODY RECORD

Case #: 51900

SDG # ME2964

Lab: Alliance Technical Group LLC

Lab Contact: Mohammad Ahmed

No: 5-012825-090251-0353

Cooler #: 27 Lab Phone: 312-353-9083

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
IA-11-MW-05	E2981	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5400, 5401, 5402, 5403 (8)	IA-11-MW-05	01/27/2025 16:10	
IA-15-MW-01	E2982	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5407, 5408, 5409, 5410 (8)	IA-15-MW-01	01/28/2025 09:25	
IA-11-MW-05	ME2981	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5404 (NaOH), 5405 (HN03) (2)	IA-11-MW-05	01/27/2025 16:10	0年1.01 0年17
IA-15-MW-01	ME2982	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5411 (NaOH), 5412 (HN03) (2)	IA-15-MW-01	01/28/2025 09:25	1
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Special Instructions: Please return cooler with enclosed airbill ASAP (1Z93947Y0321520224). Samples Transferred From Chain of Custody # Shipment for Case Complete? N

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

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		News	Items/Reason Relinquished by (Signature and Organization) Date/Time
		18:30	Date/Time
	8	UPS	Received by (Signature and Organization)
	1012	18125	Date/Time
Temp with outsent	7.7°		Sample Condition Upon Receipt

DateShipped: 1/28/2025 CarrierName: UPS

AirbillNo: 1Z93947Y0127111927

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 28

No: 5-012825-111942-0354

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

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
IA-04-MW-03	E2983	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5414, 5415, 5416, 5417 (8)	IA-04-MW-03	01/28/2025 11:10	
IA-15-MW-03	E2984	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5421, 5422, 5423, 5424 (8)	IA-15-MW-03	01/28/2025 11:20	
IA-04-MW-03	ME2983	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5418 (NaOH), 5419 (HNO3) (2)	IA-04-MW-03	01/28/2025 11:10	12 Hd (6.1 Hd
IA-15-MW-03	ME2984	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5425 (NaOH), 5426 (HNO3) (2)	IA-15-MW-03	01/28/2025 11:20	

			200	Shipment for Case Complete? N	ompiece? N
Special Instruction	Special Instructions: Please return cooler with enclosed airbill ASAP (1Z93947Y0336324436).	° (1Z93947Y033632		Samples Transferre	Samples Transferred From Chain of Custody #
Analysis Key: SV	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	by SIM, PEST=Pest	icides, ARO≂Aroclors, CN=Cyanide, ICP-MS+	HG+HARD=ICP-MS	11+ Metals+HG+Hardness
Items/Reason	Items/Reason Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Time	Sample Condition Upon Receipt
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CarrierName: UPS DateShipped: 1/28/2025

AirbillNo: 1Z93947Y0139640137

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler#: 29

No: 5-012825-142406-0355

Lab: Alliance Technical Group LLC

Lab Contact: Mohammad Ahmed

Lab Phone: 312-353-9083

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll.	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
IA-15-MW-02	E2985	Wateri	Grab	SVSIM(21), 1,4- DSIM(21), PEST(21), ARO(21)	5428, 5429, 5430, 5431 (8)	IA-15-MW-02	01/28/2025 14:00	
IA-04-MW-06-RI	E2986	Water/	Grab	SVSIM(21), 1,4- DSIM(21), PEST(21), ARO(21)	5435, 5436, 5437, 5438 (8)	IA-04-MW-06-RI	IA-04-MW-06-RI 01/28/2025 14:55	
IA-15-MW-02	ME2985	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5432 (NaOH), 5433 (HNO3) (2)	IA-15-MW-02	01/28/2025 14:00	F 5 -
IA-04-MW-06-RI	ME2986	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5439 (NaOH), 5440 (HN03) (2) IA-04-MW-06-RI 01/28/2025 14:55	IA-04-MW-06-RI	01/28/2025 14:55	1
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	Items/Reason	Analysis Key: SVS	Special Instruction	
of the places	Relinquished by (Signature and Organization)	Analysis Key: SVSIM=Semivolatiles + SIM, 1,4-DSIM=1,4-Dioxane by SIM, PEST=Pesticides, ARO=Aroclors, CN=Cyanide, I	Special Instructions: Please return cooler with enclosed airbil ASAP (1Z93947Y0334369848).	
128/25:30	Date/Time	by SIM, PEST≃Pes	(1Z93947Y033436	
385	Received by (Signature and Organization)	ticides, ARO=Aroclors, CN=Cyanide, ICP-MS	9848).	
1128/125 18/125	Date/Time	+HG+HARD=ICP-MS	Samples Transferre	
	Sample Condition Upon Receipt	ICP-MS+HG+HARD=ICP-MS 11+ Metals+HG+Hardness	Samples Transferred From Chain of Custody #	OMDIEGE / N

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Page 1 of 1

USEPA CLP COC (LAB COPY)

CarrierName: UPS DateShipped: 1/28/2025

AirbillNo: 1Z93947Y0126724151

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 30

No: 5-012825-162036-0358

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

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
IA-13-MW-01	E2987	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5442, 5443, 5444, 5445 (8)	IA-13-MW-01	01/28/2025 15:20	
IA-15-MW-04	E2988	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5449, 5450, 5451, 5452 (8)	IA-15-MW-04	01/28/2025 15:35	
IA-13-MW-01	ME2987	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5446 (NaOH), 5447 (HN03) (2)	IA-13-MW-01	01/28/2025 15:20	11 / GI HO
IA-15-MW-04	ME2988	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5453 (NaOH), 5454 (HN03) (2)	IA-15-MW-04	01/28/2025 15:35	

Special Instructions: Please return cooler with enclosed airbill ASAP (1Z93947Y0325720260). Shipment for Case Complete? N

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

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			NC8 125) Date/Time
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Custody odly turket	はんのうせ	J. P. 1		Sample Condition Upon Receipt

CarrierName: UPS DateShipped: 1/29/2025

AirbillNo: 1Z93947Y0127604976

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 33

Lab: Alliance Technical Group LLC

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

No: 5-012925-122259-0362

Sample Idenuirer	IA-05-MW-01-RI	GMW3	IA-05-MW-01-RI	GMW3					
Sample No.	E2992	E2994	ME2992	ME2994					
Watrix/Sampier	Water/	Water/	Water/	Water/					
Method	Grab	Grab	Grab	Grab					
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)					
Tag/Preservative/Bottles	5477, 5478, 5479, 5480 (8)	5492, 5493, 5494, 5495 (8)	5481 (NaOH), 5482 (HN03) (2)	5496 (NaOH), 5497 (HN03) (2)					
Location	IA-05-MW-01-RI	GMW3	IA-05-MW-01-RI 01/29/2025 11:35	GMW3					
Collection Date/Time	IA-05-MW-01-RI 01/29/2025 11:35	01/29/2025 13:10	01/29/2025 11:35	01/29/2025 13:10		<			
For Lab Use Only			OHTO OH I	A		,			

				Shipment for Case Complete? N	Complete? N
Special Instruction	Special Instructions: Please return cooler with enclosed airbill ASAP (1Z93947Y0325043484).	P (1Z93947Y03250		amples Transferre	Samples Transferred From Chain of Custody #
Analysis Key: SVS	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	by SIM, PEST=Pes	sticides, ARO=Aroclors, CN=Cyanide, ICP-MS+F	+G+HARD=ICP-MS	11+ Metals+HG+Hardness
Items/Reason	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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DateShipped: 1/29/2025 CarrierName: UPS

AirbillNo: 1Z93947Y0128179185

Case #: 51900

CHAIN OF CUSTODY RECORD

Cooler#: 34

No: 5-012925-160129-0363 Lab: Alliance Technical Group LLC

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

Sample Identifier	IA-04-MW-04S-RI	A03D	IA-04-MW-04S-RI	A03D					
CLP Sample No.	E2995	E2999	ME2995	ME2999					
Matrix/Sampler	Water/	Water/	Water/	Water/					
Coll. Method	Grab	Grab	Grab	Grab					
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)					The second secon
Tag/Preservative/Bottles	5499, 5500, 5501, 5502 (8)	5527, 5528, 5529, 5530 (8)	5503 (NaOH), 5504 (HN03) (2)	5531 (NaOH), 5532 (HN03) (2)					
Location	IA-04-MW-04S- RI	A03D	IA-04-MW-04S- RI	A03D					The second second second
Collection Date/Time	01/29/2025 14:00	01/29/2025 15:45	01/29/2025 14:00	01/29/2025 15:45					
For Lab Use Only			1 40 to 140	R					

	0		Items/Reason
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		Phears	ure and Organization)
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ころなと くとならし	#Cat 3.1.		Sample Condition Upon Receipt

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

Samples Transferred From Chain of Custody #

Shipment for Case Complete? N

Special Instructions: Please return cooler with enclosed airbill ASAP (1Z93947Y0339854895).

Page 1 of 1

USEPA CLP COC (LAB COPY)

DateShipped: 1/29/2025 CarrierName: UPS

AirbillNo: 1Z93947Y0136394598

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 35

No: 5-012925-160844-0364
Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed

Lab Phone: 312-353-9083

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
A06U	E2997	Water/	Grab	SVSIM(21), 1,4- DSIM(21), PEST(21), ARO(21)	5513, 5514, 5515, 5516 (8)	A06U	01/29/2025 15:30	
MW-25-106	E2998	Water/	Grab	SVSIM(21), 1,4- DSIM(21), PEST(21), ARO(21)	5520, 5521, 5522, 5523 (8)	MW-25-106	01/28/2025 15:30	
A06U	ME2997	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5517 (NaOH), 5518 (HN03) (2)	A06U	01/29/2025 15:30	140/0140
MW-25-106	ME2998	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5524 (NaOH), 5525 (HN03) (2)	MW-25-106	01/28/2025 15:30	1
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		Nexus	Items/Reason Relinquished by (Signature and Organization)
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DateShipped: 1/30/2025 CarrierName: UPS

AirbillNo: 1Z93947Y0133285014

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 37

No: 5-013025-105628-0367
Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 312-353-9083

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
MW-108-25	E29A0	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5534, 5535, 5536, 5537 (8)	MW-108	01/30/2025 10:25	
IA-04-MW-05-25	E29A1	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5541, 5542, 5543, 5544 (8)	IA-04-MW-05	01/30/2025 11:20 /- Sin-Ambal	BROKEN
MW-108-25	ME29A0	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5538 (NaOH), 5539 (HN03) (2)	MW-108	01/30/2025 10:25	0.140
IA-04-MW-05-25	ME29A1	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5545 (NaOH), 5546 (HN03) (2)	IA-04-MW-05	01/30/2025 11:20	-
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Special Instructions: Please return cooler with enclosed airbill ASAP (1Z93947Y0331096326)

Shipment for Case Complete? N
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

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Sample Condition upon Receipt	Date/I ime	Received by (Signature and Organization)	Date/Time	Items/Reason Relinquished by (Signature and Organization)	items/Reason

AirbillNo: 1Z93947Y0123528020 CarrierName: UPS DateShipped: 1/30/2025

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 38

No: 5-013025-115309-0368

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

Water/ Grab SVSIM(2: Water/ Grab SVSIM(2: Water/ Grab SVSIM(2: PEST(2: PEST(3: PEST(4: PEST(4:	Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll.	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
E29A3 Water/ Grab SVSIM(21), 1,4-DSIM(21), 1,4-DSIM(21) 5555, 5556, 5557, 5558 (1) A07D ME29A2 Water/ Grab CN(21), ICP-MS+HG+HARD(21) 5552 (NaOH), 5553 (HN03) (2) IA-11-MW-04 ME29A3 Water/ Grab ICP-MS+HG+HARD(21) 5560 (HN03) (1) A07D A07D A07D A07D A07D A07D	IA-11-MW-04	E29A2	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5548, 5549, 5550, 5551 (8)	IA-11-MW-04	01/30/2025 12:10	
ME29A2 Water/ Grab CN(21), ICP- MS+HG+HARD(21) 5552 (NaOH), 5553 (HN03) (2) IA-11-MW-04 ME29A3 Water/ Grab ICP-MS+HG+HARD(21) 5560 (HN03) (1) A07D	A07D	E29A3	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5555, 5556, 5557, 5558 (1)	A07D	01/30/2025 12:10	
ME29A3 Water/ Grab ICP-MS+HG+HARD(21) 5560 (HN03) (1) A07D	IA-11-MW-04	ME29A2	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5552 (NaOH), 5553 (HN03) (2)	IA-11-WW-04	01/30/2025 12:10	1+197 2:1+10
	A07D	ME29A3	Water/	Grab	ICP-MS+HG+HARD(21)	5560 (HN03) (1)		01/30/2025 12:10	DH MO
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Special Instructions: Please return cooler with enclosed airbill ASAP (1Z93947Y0336792538). Note reduced volume for sample A07D: Please coordinate with USACE on analyses to be run.

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

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	ticides, ARO=Aroclors, CN=Cyanide, IC	
	ticides, ARO=Aroclors, CN=Cyanide, ICP	
	ticides, ARO=Aroclors, CN=Cyanide, ICP-N	
	ticides, ARO=Aroclors, CN=Cyanide, ICP-Mt	
	ticides, ARO=Aroclors, CN=Cyanide, ICP-MS-	
	ticides, ARO=Aroclors, CN=Cyanide, ICP-MS+H	
	ticides, ARO=Aroclors, CN=Cyanide, ICP-MS+HC	
	ticides, ARO=Aroclors, CN=Cyanide, ICP-MS+HG+	
	ICP-MS+HG+F	
	CP-MS+HG+HA	
	CP-MS+HG+HAR	
	CP-MS+HG+HA	
	CP-MS+HG+HAR	
	CP-MS+HG+HAR	
	ICP-MS+HG+HARD=I	
	ICP-MS+HG+HARD=ICP-MS 11+ Metals+HG+Hardness	
	ICP-MS+HG+HARD=I	

Date/Time Received by (Signature and Organization) 1/30/25 18:70 R. Mahanda		Jan	will plex	Items/Reason Relinquished by (Signature and Organization)
Received by (Signature and Organization) OPS R. Melande			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	zation) Date/Time
Date/Time 1/30/125 1/8:36 10:23 1-31:25	0	R. Helender		Received by (Signature and Organization)
	5	1-31.75	4:51	Date/Time Sample Condition Upon Receipt

Lab Name : Alliance Technical Group, LLC	Page 1 of t0
Received By (Print Name) GOOSE NESWEY	Log-in Date 1/27/2025
Received By (Signature)	
Case Number 51900 SDG No. ME2964	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.	1z93947y0137169446 1
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	3.2 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	01/27/2025
12.Time Received	10:30

			Corresponding		D
	EPA Sample #	Aqueous Water Sample pH	, Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	ME2964	1.0,12	5282,83	Q1200-01	Intact
2	ME2964D	1.0,12	5282,83	Q1200-02	Intact
3	ME2964S	1.0,12	5282,83	Q1200-03	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	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	1/22/25	Logbook Page No.	N/A

Lab Name : Alliance Technical Group	Page_2_of_10		
Received By (Print Name	now les	Log-in Date 1/29/2025	
Received By (Signature)			
Case Number 51900	SDG No. ME2964	MA No. NA 3114.) d	

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.	1Z93947Y0139120912 2
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	01/29/2025
12.Time Received	10:12

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			Correspor	Corresponding	
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	ME2981	1.0,12	5404,05	Q1200-04	Intact
2	ME2982	1.0,12	5411,12	Q1200-05	Intact
3	N/A	N/A	N/A	N/A	N/A
4	N/À	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	1/29/25	Logbook Page No.	N/A	

Lab Name : Alliance Technical Group, LLC Page 3 of 10				
Received By (Print Name assau	rara leta	Log-in Date 1/29/2025		
Received By (Signature)				
Case Number 51900	SDG No. ME2964	MA No. NA 3114.1 W		

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.	1Z93947Y0127111927 3
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	01/29/2025
12.Time Received	10:12

			Corresponding		
	EPA Sample #	Aqueous Water Sample pH		Assigned	Remarks: Condition of Sample Shipment, etc.
1	ME2983	1.0,12	5418,19	Q1200-06	Intact
2	ME2984	1.0,12	5425,26	Q1200-07	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

Reviewed By		Logbook No.	N/A
Date	1/29/25	Logbook Page No.	N/A

Lab Name : Alliance Technical Grou	Page_4_of_IO		
Received By (Print Name)	arava liver	Log-in Date 1/29/2025	
Received By (Signature)			
Case Number 51900	SDG No. ME2964	MA NoN/A 2114-1 200	

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.	1Z93947Y0139640137 4
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	01/29/2025
12.Time Received	10:12

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			Correspor	Corresponding	
	EPA Sample #	Aqueous Water Sample pH	, Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	ME2985	1.0,12	5432,33	Q1200-08	Intact
2	ME2986	1.0,12	5439,40	Q1200-09	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

Reviewed By		Logbook No.	N/A
Date	1/29/25	Logbook Page No.	N/A

Lab Name : Alliance Technical Group, LLC Page 5 of 10				
Received By (Print Name	Log-in Date 1/29/2025			
Received By (First Name Segment Voice Log-in Date 1/29/2025				
Case Number 51900	SDG No. ME2964	MA No. NAT 3114.1 al		

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.	1Z93947Y0126724151 5
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	01/29/2025
12.Time Received	10:12

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	T				T
		Aqueous	Correspondi	ng 	Remarks:
	EPA Sample #	Water Sample pH	Sample Tag #	Assigned	of Sample Shipment, etc.
1	ME2987	1.0,12	5446,47	Q1200-10	Intact
2	ME2988	1.0,12	5453,54	Q1200-11	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	1/29/25	Logbook Page No.	N/A	

Lab Name : Alliance Technical Group, LLC Page 6 of 10			
Received By (Print Name)	Log-in Date 1/30/2025		
Received By (Signature)			
Case Number 51900	SDG No. ME2964	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.	1z93947y0127604976
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.4 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	10:13

			Corresponding		
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	ME2992	1.0,12	5481,82	Q1200-12	Intact
2	ME2994	1.0,12	5496,97	Q1200-13	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

Reviewed By		Logbook No.	N/A
Date	1/30/25	Logbook Page No.	N/A

Lab Name : Alliance Technical Group, LLC Page 7 of 10				
Received By (Print Name) (SSanora Lie Log-in Date 1/30/2025				
Received By (Signature)				
Case Number 51900 SD	G No. ME2964	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.	1z93947y0128179185 7
Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	3.1 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	01/30/2025
12.Time Received	10:13 10:18 M

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	1	- j			
			Corresponding		1
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	ME2995	1.0,12	5503,04	Q1200-14	Intact
2	ME2999	1.0,12	5531,32	Q1200-15	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

Reviewed By	4	Logbook No.	N/A
Date	1/30/24	Logbook Page No.	N/A

Lab Name : Alliance Technical Group	Page_8_of_U				
Received By (Print Name)	va Piñez	Log-in Date 1/30/2025			
Received By (Signature)					
Case Number 51900	SDG No. ME2964	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. Airbili	Present
5. Airbill No. and Shipping Container ID No.	1z93947y0136394598 8
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	01/30/2025
12.Time Received	10:13

			Corresponding		
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	ME2997	1.0,12	5517,18	Q1200-16	Intact
2	ME2998	1.0,12	5524,25	Q1200-17	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

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Date	1	130/25	Logbook Page No.	N/A

Lab Name : Alliance Technical Group,		Page 9 of 10		
Received By (Print Name) assance	va Reia	Log-in Date 1/31/2025		
Received By (Signature)				
Case Number 51900	SDG No. ME2964	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.	1z93947y0133285014 9
Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	3.2 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	01/31/2025
12.Time Received	10:38 10:23

		Corresponding			
	EPA Sample #	· Aqueous Water Sample pH	·	Assigned	Remarks: Condition of Sample Shipment, etc.
1	ME29A0	1.0,12	5538,39	Q1200-18	Intact
2	ME29A1	1.0,12	5545,46	Q1200-19	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

Reviewed By	X ,	Logbook No.	N/A	
Date	1/31/25	Logbook Page No.	N/A	

Lab Name : Alliance Technical Group,		Page_10_of_{0}		
Received By (Print Name)	rosa Kira	Log-in Date 1/31/2025		
Received By (Signature)				
Case Number 51900	SDG No. ME2964	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.	1z93947y0123528020 10
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	01/31/2025
12.Time Received	10:30 10:23 1

_					
	1				
			Correspondir	ng	Remarks:
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Condition of Sample
1	ME29A2	1.0,12	5552,53	Q1200-20	Intact
2	ME29A3	1.0	5560	Q1200-21	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 I	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	8,	Logbook No.	N/A	
Date	1/31/21	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.	CONTRACT NO. 68HERH20D0011			
CASE NO.	51900	SDG NO.	ME2964	
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)

	PAGE 1	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	31	33	✓	
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	NA	NA	✓	
Instrument Logbooks 13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA_	NA	<u>✓</u>	
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	34	52	✓	
or sample analysis, laboratory QC as applicable 18. Instrument raw data by instrument in analysis order	53	842	✓	
Other Data				
19. Standard and Reagent Preparation Logs	843	983	✓	
20. Original Preparation and Cleanup forms or copies of Preparation and	984	985	✓	
Cleanup Logbooks 21. Original Analysis or Instrument Run forms or copies of Analysis or	986	992	✓	
<pre>Instrument Logbooks 22 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions</pre>	NA	NA	✓	

	PAGE	NOs:	СН	IECK
	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	993	1011	✓	
or sample analysis, laboratory QC as applicable 27. Instrument raw data by instrument in analysis order	1012	1014	✓	
Other Data				
28. Standard and Reagent Preparation Logs	1015	1041	✓	
29. Original Preparation and Cleanup forms or copies of Preparation and	1042	1043	✓	
Cleanup Logbooks 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	1044	1047	_	
31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample	NA	NA		
Instructions 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	1048	1065		
or sample analysis, laboratory QC as applicable 36. Instrument raw data by instrument in analysis order	1066	1070	✓	
Other Data				
37. Standard and Reagent Preparation Logs	1071	1099	✓	
38. Original Preparation and Cleanup forms or copies of Preparation and	1100	1101	✓	
Cleanup Logbooks 39. Original Analysis or Instrument Run forms or copies of Analysis or	1102	1105	✓	
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 Shipments)		1106	1115		
Sample T	'ags		NA	NA	✓	
Sample L	og-In Sheet (Lab)		1116	1118	✓	
45. Misc. Sh	ipping/Receiving Records(list all	individual records)				
			NA	NA		
46. Internal	Lab Sample Transfer Records and !	Tracking Sheets				
(describ	e or list)					
-			1119	1122		<u> </u>
	cords and related Communication Lo	ogs				
(describ	ee or list)		NA	NA	./	
48. Comments	:					
Completed by (CLP Lab)	y:	Nimiaha Dandua Da	sument Control	066:000		
(CEI Eas)	(Signature)	Nimisha Pandya, Do (Print Name & Tit		Ollicer	(Da	te)
Audited by:	5		•		, -	•
(EPA)	(Qi markuma)	(Dec.) 1 27 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7	7 - 1		- 75	- \
	(Signature)	(Print Name & Tit	(TE)		(Da	te)



SDG NARRATIVE

USEPA
SDG # ME2964
CASE # 51900
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # Q1200
MODIFIED ANALYSIS # 3114.1

A. Number of Samples and Date of Receipt

19 Water samples were delivered to the laboratory intact on 01/27/2025, 01/29/2025, 01/30/2025 & 01/31/2025.

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: 3.2°C, 2.2°C, 2.3°C, 2.1°C, 1.9°C, 2.4°C, 3.1°C.

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

Issue 1: A "P" or "M" prefix was listed at the beginning of a CLP sample ID.

Issue 2: The Region identified that the sample collection date listed on the COCs for sample identifier MW-25-106 was incorrect.

E. Corrective Action taken for above:

Resolution 1: To maintain COC integrity, ASB requests no changes to the Sample IDs. The laboratory will note the issue in the SDG Narrative and proceed with the analysis of the samples.

Resolution 2: Per Region 5, revised COCs are attached. Please note the issue in the SDG Narrative and proceed with the analysis of the samples.



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F. Analytical Techniques:

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

G. Calculation:

Calculation for ICP-MS Water Sample:

Concentration or Result (
$$\mu$$
g/L) = C x Vf Vi 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 ME2964 For Arsenic:

If
$$C = 2.15 \text{ ppb}$$

Vf = 50 ml

Vi = 50 ml

DF = 1

Concentration or Result (
$$\mu$$
g/L) = 2.15 x $\underline{50}$ x 1

$$=~2.15~\mu g/L$$

= 2.2 μg/L (Reported Result with Signification)

Calculation for Hg Water Sample:

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

Where.

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

DF = Dilution Factor

Example Calculation:

$$\begin{array}{ll} \text{If C} &= 0.033 \text{ ppb} \\ \text{DF} &= 1 \end{array}$$



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Concentration or Result (
$$\mu$$
g/L) = 0.033 x 1
= 0.033 μ g/L
= 0.033 μ g/L (Reported Result with Signification)

Calculation for CN Water Sample:

Concentration or Result (
$$\mu$$
g/L) = C x \underline{Vf} x DF \underline{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 ME29A0:

$$If C = 16.132 ppb$$

$$Vf = 50 ml$$

$$Vi = 50 ml$$

$$DF = 1$$

Concentration or Result (
$$\mu$$
g/L) = 16.132 x $\underline{50}$ x 1
= 16.132 μ g/L
= 16 μ g/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 Antimony, Selenium. Duplicate sample did meet requirements. Serial Dilution did meet requirements.

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.



284 Sheffield Street Mountainside, NJ 07092

Internal Standard Association for ICP-MS analysis.

Internal Standard Association for ICP-		
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	



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					

I. Analyte Modifications

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.

CAS Number CRQL (mg/L) Analyte

~ ~	and OC Paguiraments		Not an	nlicable
	Hardness (total)	Hardness	3.3	

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

The Laboratory shall:

- 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

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

Sent: Monday, February 03, 2025 16:49

To: Deepak Parmar; Sohil Jodhani; Mohammad Ahmed

Cc: R5RSCC

Subject: Task Area SST | Region 05 | Case 51900 | Lab ACE | Issue Discrepancies with tags, jars,

and/or COC | FINAL

Attachments: Chain of Custody_ACE 35_rev.pdf; Chain of Custody_ACE 36_rev.pdf

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

Secured by Check Point

Good afternoon,

Issue: The Region identified that the sample collection date listed on the COCs for sample identifier MW-25-106 was incorrect.

Resolution: Per Region 5, revised COCs are attached. Please note the issue in the SDG Narrative and proceed with the analysis of the samples.

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

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

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



Leave Alert: None

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From: R5RSCC <R5RSCC@epa.gov>
Sent: Monday, February 3, 2025 3:04 PM

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

Subject: FW: X (Case 51900) - Aqueous Sample Shipment

This Message Is From an External Sender

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

Good afternoon Tasmia,

Please see the email below regarding Case 51900.

Thanks.

Darcie D. Tone-Pah-Hote

Regional Sample Control Coordinator LSASD-SQAB U.S. EPA Region 5 77 W Jackson Blvd Chicago, IL 60604 Cubicle #: 06078

Phone #: 312-886-4298

From: John Filoon < john.filoon@plexsci.com > Sent: Monday, February 3, 2025 11:30 AM

To: Hares, Sarah M CIV USARMY CELRB (USA) < Sarah.M.Hares@usace.army.mil >; R5RSCC < R5RSCC@epa.gov >

Cc: Ifkovich, Timothy W CIV USARMY CELRB (USA) <Timothy.W.Ifkovich@usace.army.mil>;

<u>Jason.M.Miller@usace.army.mil</u>; Skuratovich, David CIV USARMY CELRE (USA) < <u>David.Skuratovich@usace.army.mil</u>>; Patrick Reilley < <u>preilley@plexsci.com</u>>; Kecskes, Lisa M CIV USARMY CELRE (USA) < <u>Lisa.M.Kecskes@usace.army.mil</u>>; Check, Steven G CIV USARMY CELRE (USA) < <u>Steven.G.Check@usace.army.mil</u>>; Green, Nilia < <u>Green.Nilia@epa.gov</u>>; <u>belisles1@michigan.gov</u>; Kramer, Colin < <u>Kramer.Colin@epa.gov</u>>; Kowal, Shawn F CIV USARMY CELRB (USA) < Shawn.F.Kowal@usace.army.mil>

Subject: RE: X (Case 51900) - Aqueous Sample Shipment

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

Hello,

We realized that the sample collection date for one of the samples we shipped out last week was written incorrectly on its associated COCs. We wanted to bring this to your attention so that it could be processed correctly. This sample (MW-25-106) was actually collected on 1/29/25, not 1/28/25 as originally indicated on the COCs. Please see attached for the revisions for all affected COCs.

A revised COC .xml file has also been reuploaded to the EPA CLPSS Portal. The two ACE COCs uploaded through the portal were accepted for further use within the CLP program.

Sarah and Tim, please let me know if you would like us to do anything further with this such as notifying any of the other labs.

Thanks,

John Filoon Environmental Geologist, ERG Operations Plexus Scientific Corporation Cell - (215) 384-6932