SDG COVER PAGE

Alliance Technical Group, LLC Lab Name: Contract: 68HERH20D0011 Lab Code: Case No.: 51900 MA No.: 3114.1 SDG No.: ME2948 SOW No. : SFAM01.1 Analysis Method EPA Sample No. Lab Sample Id ICP-AES ICP-MS Mercury Cyanide ME2948 Q1186-01 Χ Χ Χ ME2949 Q1186-02 Χ Χ Χ ME2955 Q1186-03 Χ Χ Χ ME2956 Q1186-04 Χ Χ ME2957 Q1186-05 Χ Χ ME2960 Q1186-06 Χ Χ Χ ME2961 Q1186-07 Χ Χ Χ ME2962 Q1186-08 Χ Χ Χ Χ Χ ME2959 Q1186-09 Χ ME2959D Q1186-10 Χ Χ Χ ME2959S Χ Χ Χ Q1186-11 ME2963 Q1186-12 Χ Χ Χ Q1186-13 ME2967 Χ Χ Χ ME2965 Χ Χ Χ Q1186-14 ME2966 Q1186-15 Χ Χ ME2958 Q1186-16 Χ Χ Χ ME2968 Q1186-17 Χ Χ Χ ME2974 Q1186-18 Χ Χ Χ ME2977 Q1186-19 Χ Χ Χ ME2980 Q1186-20 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)

CarrierName: UPS DateShipped: 1/23/2025

AirbillNo: 1Z93947Y0126599761

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler#: 11

No: 5-012325-094805-0332

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

9	IA-11-MW-06	MW101D	IA-11-MW-06	MW101D					
CLP Sample No.	E2948	E2949	ME2948	ME2949					
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)					
Tag/Preservative/Bottles	5166, 5167, 5168, 5169 (C)	5173, 5174, 5175, 5176 (8)	5170 (NaOH), 5171 (HN03) (2)	5177 (NaOH), 5178 (HN03) (2)					
Location	IA-11-MW-06	MW-101D	IA-11-MW-06	MW-101D					
Collection Date/Time	01/22/2025 10:30	01/22/2025 10:50	01/22/2025 10:30	01/22/2025 10:50					
For Lab Use Only			1)#0'@/FC	K					

Special Instructions: Diagon rature cooler with analysis with ill ASAD (1703017V03013S33S3)	Shipment for Case Complete? N
יייייייייייייייייייייייייייייייייייייי	Samples Transferred From Chain of Custody #
Reduced volume for 1L amber analyses.	entiplies i unisivited i toll eligili el eusewy 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	S+HG+HARD=ICP-MS 11+ Metals+HG+Hardness

	0		Items/Reason
		Mous Mans	Items/Reason Relinquished by (Signature and Organization) Date/Time
		11212130	Date/Time
(UPS:	Received by (Signature and Organization)
	1020	12312	Date/Time
creptognt person ingred	工作的工作		Sample Condition Upon Receipt

Page 1 of 1

USEPA CLP COC (LAB COPY)

DateShipped: 1/23/2025 CarrierName: UPS

AirbilNo: 1Z93947Y0133354396

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 14

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

No: 5-012325-143944-0335

Sample menuner	GMW10	MW-25-103	GMW10	MW-25-103					
Sample No.	E2955	E2956	ME2955	ME2956					
maul No ampier	Water/	Water/	Water/	Water/					
Method	Grab	Grab	Grab	Grab					
(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)					
ag/Freservauve/bottles	5208, 5209, 5210, 5211 (8)	5215, 5216, 5217, 5218 (8)	5212 (NaOH), 5213 (HN03) (2)	5219 (NaOH), 5220 (HN03) (2)					
Location	GMW10	MW-25-103	GMW10	MW-25-103	·				
Date/Time	01/23/2025 10:30	01/23/2025 10:30	01/23/2025 10:30	01/23/2025 10:30					
Only			21 HO / O. 1 H	1					

			Items/Reason	Analysis Key: SVS	Special Instructions
		hall Blears	Relinquished by (Signature and Organization)	Analysis Key: SVSIM=Semivolatiles + SIM, 1;4-DSIM=1,4-Dioxane by SIM, PEST=Pesticides, ARO=Arodors, CN=Cyanide,	Special Instructions: Please return cooler with enclosed airbill ASAP (1Z93947Y0307822318).
		1/22/10	Date/Time	by SIM, PEST=Pe	P (1Z93947Y03078
	2	10,00	Received by (Signature and Organization)	sticides, ARO=Aroclors, CN=Cyanide, ICP-M	22318).
,	1-24-25	1127/62 30	Date/Time	3+HG+HARD=ICP-M	Samples Transferred From Chair
COLORA DESCRIPTION	10:20 20 0-41 1.9		Sample Condition Upon Receipt	ICP-MS+HG+HARD=ICP-MS 11+ Metals+HG+Hardness	Samples Transferred From Chain of Custody #

DateShipped: 1/23/2025

CarrierName: UPS AirbillNo: 1Z93947Y0122931005

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 15

No: 5-012325-144713-0336

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
IA03-MW-01	E2957	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5222, 5223, 5224, 5225 (8)	IA-03-MW-01	01/23/2025 10:45
IA03-MW-01S	E2960	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5243, 5244, 5245, 5246 (8)	IA-03-MW-01S	01/23/2025 12:10
IA03-MW-01	ME2957	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5226 (NaOH), 5227 (HN03) (2)	IA-03-MW-01	01/23/2025 10:45
IA03-MW-01S	ME2960	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5247 (NaOH), 5248 (HNO3) (2)	IA-03-MW-01S	01/23/2025 12:10

Special instructions: Flease feturin cooler with efficiosed affolia ASAF (123394/1030030325).	Consisting Disposers and a selection of the selection of
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

Temp 2112 nuls ruly		25			
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	123125	ORS.	1/4/C.30	Mex.	
Sample Condition Upon Receipt	Date/Time	Received by (Signature and Organization)	Date/Time	Items/Reason Relinquished by (Signature and Organization)	Items/Reason

DateShipped: 1/23/2025 CarrierName: UPS

AirbillNo: 1Z93947Y0124276818

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 16

No: 5-012325-162524-0338

Lab: Alliance Technical Group LLC

Lab Contact: Sample Receiving 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-03-MW-02	E2961	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5250, 5251, 5252, 5253 (8)	IA-03-MW-02	01/23/2025 14:50	
MW-25-104	E2962	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5257, 5258, 5259, 5260 (8)	MW-25-104	01/23/2025 14:50	
IA-03-MW-02	ME2961	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5254 (NaOH), 5255 (HN03) (2)	IA-03-MW-02	01/23/2025 14:50	24/01 24
MW-25-104	ME2962	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5261 (NaOH), 5262 (HN03) (2)	MW-25-104	01/23/2025 14:50	
			The second secon					

Special Instruction	Special Instructions: Please return cooler with enclosed airbill ASAP (1Z93947Y0316561333).	(1Z93947Y031656		Shipment for Case Complete? N Samples Transferred From Chair	Shipment for Case Complete? N 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	ticides, ARO=Aroctors, CN=Cyanide, ICP-MS+I	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
	News news	1231230	ols	18:30	Ti di
				1-24-25 25-12-1	1 2.6
			(10.00	The state of the s

CarrierName: UPS DateShipped: 1/24/2025

AirbilNo: 1Z93947Y0120415826

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 17

Lab: Alliance Technical Group LLC

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

No: 5-012425-085845-0339

	Sample Identifier	ဥ	Matrix/Sampler	Coll.	Analysis/Turnaround	Tag/Preservative/Bottles	Location	Collection	Earl ohilee
		Sample No.		Method	(Days)			Date/Time	₼ 3
	IA-05-MW-02- MS/MSD	E2959	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5236, 5237, 5238, 5239 (16)	IA-05-MW-02- MS/MSD	2	10:50
	IA-05-MW-02- MS/MSD	ME2959	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5240 (NaOH), 5241 (HN03) (4)	IA-05-MW-02- MS/MSD	01/23/2025 10:50	10:50 AND 3/0473 CC
						, P			
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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 (1Z93947Y0309872547):

Items/Reason

Relinquished by (Signature and Organization)

Date/Time

Received by (Signature and Organization)

Date/Time

Sample Condition Upon Receipt

18:30

-27.25

Page 1 of 1

USEPA CLP COC (LAB COPY)

DateShipped: 1/24/2025 CarrierName: UPS

AirbillNo: 1Z93947Y0135652033

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler#: 18

No: 5-012425-142235-0340

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

	DSC-PS1A	OW-11	DSC-PS1A	OW-11	Sample Identifier
	ME2967	ME2963	E2967	E2963	CLP Sample No.
	Water/	Water/	Water/	Water/	Matrix/Sampler
	Grab	Grab	Grab	Grab	Coll. Method
MS+HG+HARD(21)	CN(21), ICP-	CN(21), ICP- MS+HG+HARD(21)	SVSIM(21), 1,4- DSIM(21), PEST(21), ARO(21)	SVSIM(21), 1,4- DSIM(21), PEST(21), ARO(21)	Analysis/Turnaround (Days)
	5303 (NaOH), 5304 (HN03) (2)	5275 (NaOH), 5276 (HN03) (2)	5299, 5300, 5301, 5302 (8)	5271, 5272, 5273, 5274 (8)	Tag/Preservative/Bottles
	DSC-PS1A	OW-11	DSC-PS1A	OW-11	Location
	01/24/2025 13:20	01/24/2025 10:35	01/24/2025 13:20	01/24/2025 10:35	Collection Date/Time
4	٦ ٦/	51 HO/4:0 HO 2	2,		For Lab Use Only

2		Items/Reason	Analysis Key: SV	Special Instruction
	Mil	Relinquished by (Sign	SIM=Semivolatiles + SI	ns: Please return coole
	Rem	nature and Organization)	M, 1,4-DSIM=1,4-Dioxand	Special Instructions: Please return cooler with enclosed airbill ASAP (1Z93947Y0301443551).
	18:30	Date/Time	e by SIM, PEST=Pe	\P (1Z93947Y03014
7	SIV	Received by (Signature and Organization)	sticides, ARO=Aroclors, CN=Cyanide, ICP-M8	143551).
1-2725	02:31 M	Date/Time	3+HG+HARD=ICP-M	Shipment for Case Complete? N Samples Transferred From Chair
Toma 2.3		Sample Condition Upon Receipt	S 11+ Metals+HG+Ha	Shipment for Case Complete? N Samples Transferred From Chain of Custody #
	1.27.25	1 SJO 08:81	Relinquished by (Signature and Organization) Date/Time Received by (Signature and Organization) Date/Time 12/125	VSIM=Semivolatiles + SIM, 1,4-DSIM=1,4-Dioxane by SIM, PEST=Pesticides, ARO=Aroclors, CN=Cyanide, ICP-MS+HG+HARD=ICP-MS 11+ Relinquished by (Signature and Organization) Date/Time Received by (Signature and Organization) Date/Time 18:30 1-3725 Tellinquished by (Signature and Organization)

CarrierName: UPS DateShipped: 1/24/2025

AirbillNo: 1Z93947Y0128632050

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 20

Lab: Alliance Technical Group LLC

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

No: 5-012425-145035-0342

OW-8 WL-25-101 OW-8 WL-25-101	E2965 E2966 ME2965 ME2966	Water/ Water/ Water/ Water/	Grab Grab Grab	SVSIM(21), 1.4-DSIM(21), PEST(21), ARO(21) SVSIM(21), 1.4-DSIM(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)	5285, 5286, 5287, 5288 (8) 5292, 5293, 5294, 5295 (8) 5289 (NaOH), 5290 (HNO3) (2) 5296 (NaOH), 5297 (HNO3) (2)	OW-8 WL-25-101 OW-8 WL-25-101	01/24/2025 11:35 01/24/2025 11:35 01/24/2025 11:35 01/24/2025 11:35	1-Backer - Sim
WL-25-101	ME2966	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5296 (NaOH), 5297 (HN03) (2)	WL-25-101	01/24/2025 11:35	7
	88							

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 airbil ASAP (1Z93947Y0309380971).

Items/Reason

Relinquished by (Signature and Organization)

Date/Time

Received by (Signature and Organization)

02:81

521171

Date/Time

Sample Condition Upon Receipt

10:30

1-27-25

DateShipped: 1/24/2025 CarrierName: UPS

AirbillNo: 1Z93947Y0135783866

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 21

No: 5-012425-162446-0345

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

Sa	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time
IA05-MW-02 E2958	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5229, 5230, 5231, 5232 (8)	IA-05-MW-02	01/23/2025 10:50
A-11-MW-03S E2971	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5315, 5316, 5317, 5318 (8)	-IA-11-MW-03S01/24/2025-15:15	-01/24/2025-15:1
IA-02-MW-04 E2972	Water/	Grab	SVSIM(21), 1,4-DSIM(21), PEST(21), ARO(21)	5322, 5323, 5324, 5325 (8)	IA-02-MW-04	01/24/2025 15:15
IA05-MW-02 ME2958	Water/	Grab	CN(21), ICP- MS+HG+HARD(21)	5233 (NaOH), 5234 (HN03) (2)	IA-05-MW-02	01/23/2025 10:50

IA-11-MW-03S and IA-02-MW-04. Please coordinate with USACE on analyses to be run.	special Instructions: Please return cooler with enclosed airbill ASAP (1Z93947Y0314155384). Note reduced volume for samples
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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
Samples Transferred From Chain of Custody #

1-27-25 Temp 3.0°	1			
	J(\$	15:30	Il Man	
٦	Received by (Signature and Organization)	.Date/Time	Relinquished by (Signature and Organization)	Items/Reason

DateShipped: 1/27/2025 CarrierName: UPS

AirbillNo: 1Z93947Y0124048878

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 23

No: 5-012725-113235-0347

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

Sample Identifier	OW-2	EPA-MW-001	OW-2	EPA-MW-001					
Sample No.	E2968	E2974	ME2968	ME2974					
Matrix/Sampler	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)					
lag/Preservative/Bottles	5306, 5307, 5308, 5309 (8)	5329, 5330, 5331, 5332 (8)	5310 (NaOH), 5311 (HN03) (2)	5333 (NaOH), 5334 (HN03) (2)					
Location	OW-2	EPA-MW-001	OW-2	EPA-MW-001					
Collection Date/Time	01/24/2025 13:25	01/27/2025 11:10	01/24/2025 13:25	01/27/2025 11:10					
For Lab Use Only			3	<					

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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=Pes	ticides, ARO=Aroclors, CN=Cyanide, ICP-MS+	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
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			Char	1-28-25	IRG~#1 2.3.
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SDG # ME2948

USEPA CLP COC (LAB COPY)

DateShipped: 1/27/2025 CarrierName: UPS

AirbillNo: 1Z93947Y0130563102

CHAIN OF CUSTODY RECORD

Case #: 51900 Cooler #: 26

No: 5-012725-153346-0350

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

ОW-3	IA-11-MW-02	OW-3	IA-11-MW-02	MW-101-RI	Sample Identifier
ME2980	ME2977	E2980	E2977	E2976	CLP Sample No.
Water/	Water/	Water/	Water/	Water/	Matrix/Sampler
Grab	Grab	Grab	Grab	Grab	Coll. Method
CN(21), ICP- MS+HG+HARD(21)	CN(21), ICP- MS+HG+HARD(21)	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)	Analysis/Turnaround (Days)
5397 (NaOH), 5398 (HN03) (2)	5354 (NaOH), 5355 (HNO3) (2)	5393, 5394, 5395, 5396	5350, 5351, 5352, 5353 (8)	5365, 5366, 5367, 5368	Tag/Preservative/Bottles
OW-3	IA-11-MW-02	OW-3	IA-11-MW-02	MW-101-RI	Location
01/27/2025 14:30	01/27/2025 12:10	01/27/2025 14:30	01/27/2025 12:10	01/27/2025 11:35	Collection Date/Time
5	ζ				For Lab Use Only

Special Instructions: Please return cooler with enclosed airbill ASAP (1Z93947Y0335573213). Note reduced volume for samples MW-101-RI and OW-3. Please coordinate with USACE on analyses to be run.

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

Temp Blank presund					
Contraly Seal Trafact					
1-28-25 TAGET 2.6	1-28-25	R			-
	1218.30	2900	18:30	Mexus	
Sample Condition Upon Receip	Date/Time	Received by (Signature and Organization)	Date/Time	Items/Reason Relinquished by (Signature and Organization)	Items/Reason

Lab Name : Alliance Technical Group, LLC	Page 1 of 10
Received By (Print Name)	Log-in Date 1/24/2025
Received By (Signature)	•
Case Number 51900 SDG No. ME2948	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.	1Z93947Y0126599761 1
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	01/24/2025
12.Time Received	10:20

			Correspo	Corresponding	
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	ME2948	1.0,12	5170,71	Q1186-01	Intact
2	ME2949	1.0,12	5177,78	Q1186-02	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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Received By (Print Name)	are lire	Log-in Date 1/24/2025		
Received By (Signature)				
Case Number 51900	SDG No. ME2948	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.	1Z93947Y013335-439 2
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	01/24/2025
12.Time Received	10:20

			Correspon	ding	- Domanica.
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	ME2955	1.0,12	5212,13	Q1186-03	Intact
2	ME2956	1.0,12	5219,20	Q1186-04	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	V/A	N/A	N/A

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Received By (Print Name)	nove Pr	Log-in Date 1/24/2025		
Received By (Signature)				
Case Number 51900	SDG No. ME2948	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.	1Z93947Y0122931005 3
Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	1.5 Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	01/24/2025
12.Time Received	10:20

			Correspond	ling	Dama adaa.
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	ME2957	1.0,12	5226,27	Q1186-05	Intact
2	ME2960	1.0,12	5247,48	Q1186-06	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	1/28/25	Logbook Page No.	N/A	

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Received By (Print Name)	ver leve	Log-in Date 1/24/2025		
Received By (Signature)				
Case Number 51900 S	SDG No. ME2948	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.	1Z93947Y0124276818 4
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	1.1 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	01/24/2025
12.Time Received	10:20

			Correspondi	ng	5
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	ME2961	1.0,12	5254,55	Q1186-07	Intact
2	ME2962	1.0,12	5261,62	Q1186-08	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 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	N/A

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Received By (Signature)				
Case Number 51900	SDG No. ME2948	MA NO. + 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.	1Z93947Y0120415826 5
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	01/27/2025
12.Time Received	10:30

			Correspo	nding	
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	ME2959	0.7,13	5240,41	Q1186-09	Intact
2	ME2959D	0.7,13	5240,41	Q1186-10	Intact
3	ME2959S	0.7,13	5240,41	Q1186-11	Intact
4	N/A	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A	N/A
7	N/A	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/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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Case Number 51900	SDG No. ME2948	MA NO. NA 3114.1 21

Remarks:	I
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.	1Z93947Y0135652033 6
6. 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	01/27/2025
12.Time Received	10:30

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		Corresponding		ling	Remarks:
	EPA	Aqueous Water Sample	Sample	Assigned	Condition of Sample Shipment,
	Sample #	рН	Tag #	Lab #	etc.
1	ME2963	0.7,13	5275,76	Q1186-12	Intact
2	ME2967	0.7,13	5303,04	Q1186-13	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

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Date	1/28/25	Logbook Page No.	N/A	

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Received By (Signature)		
Case Number 51900	SDG No. ME2948	MA No. N/A 3114.1 all

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.	1Z93947Y0128632050 7
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	01/27/2025
12.Time Received	10:30

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	1				
		Corresponding			
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	ME2965	0.7,13	5289,90	Q1186-14	Intact
2	ME2966	0.7,13	5296,97	Q1186-15	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 I	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A

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Date	1/28/25	Logbook Page No.	N/A

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Received By (Signature)		٨
Case Number 51900	SDG No. ME2948	MA No. MA 3/14.1 all

Remarks:	
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	1Z93947Y0135783866
Shipping Container ID No.	8
ID No.	0
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	3.0 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	01/27/2025
12.Time Received	10:30

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			Correspond	ing	Remarks:
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Condition of Sample
1	ME2958	0.7,13	5233,34	Q1186-16	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
14	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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Received By (Signature)	
Case Number 51900 SDG No. ME2948	MA No. N/A- 3114.) N

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	1Z93947Y0130563102
Shipping Container ID No.	10
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.6 Degree C
8. Sample Condition	Intact
3. 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

			Corresponding		
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	ME2977	1.0,12	5354,55	Q1186-19	Intact
2	ME2980	1.0,12	5397,98	Q1186-20	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

Reviewed By		Logbook No.	N/A
Date	1/8/25	Logbook Page No.	N/A

Lab Name : Alliance Technical Group, LLC	Page 9 of 10
Received By (Print Name) 60055 USSAON	Log-in Date 1/28/2025
Received By (Signature)	
Case Number 51900 SDG No. MEZ	948 MA No. N/A 2114-1 W

Remarks:	
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.	1Z93947Y0124048878 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	01/28/2025
12.Time Received	10:10

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			Corresponding		Remarks:
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Condition of Sample
1	ME2968	1.0,12	5310,11	Q1186-17	Intact
2	ME2974	1.0,12	5333,34	Q1186-18	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	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	V/A	N/A	N/A

Reviewed By	Sh	Logbook No.	N/A
Date	1/28/25	Logbook Page No.	N/A

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

LAB NAME	Alliance Technical Group, LLC					
LAB CODE	ACE	ACE				
CONTRACT NO.	68HERH20D0011					
CASE NO.	51900	SDG NO.	ME2948			
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)

(Reference Exhibit D Deceron 2.1)				
	PAGE NOs:		CHECK	
	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	48	✓	
or sample analysis, laboratory QC as applicable 18. Instrument raw data by instrument in analysis order		1064		
Other Data				
19. Standard and Reagent Preparation Logs	1065	1235		
20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	1236	1237		
21. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	1238	1247		
22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	

	PAGE	NOs:	СН	ECK
	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	1248	1265		
or sample analysis, laboratory QC as applicable 27. Instrument raw data by instrument in analysis order	1266	1268	_	
Other Data				
28. Standard and Reagent Preparation Logs	1269	1295	✓	
29. Original Preparation and Cleanup forms or copies of Preparation and	1296	1297	✓	
Cleanup Logbooks 30. Original Analysis or Instrument Run forms or copies of Analysis or	1298	1301	✓	
Instrument Logbooks 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	1302	1319	✓	
or sample analysis, laboratory QC as applicable 36. Instrument raw data by instrument in analysis order	1320	1324	_	
Other Data				
37. Standard and Reagent Preparation Logs	1325	1352	✓	
38. Original Preparation and Cleanup forms or copies of Preparation and	1353	1354	✓	
Cleanup Logbooks 39. Original Analysis or Instrument Run forms or copies of Analysis or	1355	1358	_	
Instrument Logbooks 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	
Instructions 41. Extraction Logs for TCLP and SPLP	NA	NA		
42 . Raw GPC Data	NA	NA	─ ✓	
43. Raw Florisil Data	NA	NA	✓	

	<u>P</u>	PAGE NOs:		CHECK	
	FRO	MC	TO	LAB	REGION
Additional					
44. EPA Shipping/Receiving Documents					
Airbill (No. of Shipments)	13	59 [1368	✓	
Sample Tags		NA	NA	✓	
Sample Log-In Sheet (Lab)	13	69	1371	✓	
45. Misc. Shipping/Receiving Records(list all individual records)	rds)				•
		NA	NA	✓	
46. Internal Lab Sample Transfer Records and Tracking Sheets					
(describe or list)					
	13	72	1374	✓	
	_				
47. Other Records and related Communication Logs					
(describe or list)		NA	NA		
					-
			 -		
	_				
48. Comments:					
Completed by: (CLP Lab) Nimisha					
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Audited by:	,			,	•
(EPA)	- m1/2				
(Signature) (Print	Name & Title)			(Dat	ce)



SDG NARRATIVE

USEPA
SDG # ME2948
CASE # 51900
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # Q1186
MODIFIED ANALYSIS # 3114.1

A. Number of Samples and Date of Receipt

18 Water samples were delivered to the laboratory intact on 01/24/2025, 01/27/2025, 01/28/2025.

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: 1.3°C, 1.9°C, 1.5°C, 1.1°C, 2.1°C, 3.3°C, 2.0°C, 3.0°C, 2.6°C, 2.3°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.



284 Sheffield Street Mountainside, NJ 07092

G. Calculation:

Calculation for ICP-MS Water Sample:

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

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 ME2948 For Arsenic:

$$If C = 0.36 ppb$$

$$Vf = 50 ml$$

$$Vi = 50 ml$$

$$V1 = 50 \text{ m}$$

 $DF = 1$

Concentration or Result (
$$\mu$$
g/L) = 0.36 x $\underline{50}$ x 1

$$=~0.36~\mu g/L$$

= 0.36 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 Mercury:

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

Concentration or Result (μ g/L) = 0.033 x 1



= 0.033 μg/L
 = 0.033 μg/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 ME2955:

$$If C = 7.1964 ppb$$

$$Vf = 50 ml$$

$$Vi = 50 ml$$

$$DF = 1$$

Concentration or Result (
$$\mu$$
g/L) = 7.1964 x $\frac{50}{50}$ x 1
= 7.1964 μ g/L
= 7.2 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 Selenium. Duplicate sample did meet requirements except for Copper. 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.



284 Sheffield Street Mountainside, NJ 07092

Internal Standard Association for ICP-MS analysis.

Internal Standard Association for ICP-N		
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					

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.

I. Analyte Modifications

Analyte	CAS Number	CRQL (mg/L)
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