### SDG COVER PAGE

Alliance Technical Group, LLC Lab Name: Contract: 68HERH20D0011 Lab Code: Case No.: 51953 SDG No.: MC0AF9 MA No.: SOW No. : SFAM01.1 Analysis Method EPA Sample No. Lab Sample Id ICP-AES ICP-MS Mercury Cyanide MC0AF9 Q1087-01 Χ Χ MC0AH2 Q1087-02 Χ Χ MC0AH3 Q1087-03 Χ Χ MC0AF8 Q1087-04 Χ Χ MC0AF8D Q1087-05 Χ Χ MC0AF8S Q1087-06 Χ Χ MC0AE9 Q1087-07 Χ Χ MC0AG4 Q1087-08 Χ Χ MC0AH0 Χ Q1087-09 Χ MC0AE6 Q1087-10 Χ Χ MC0AF0 Q1087-11 Χ Χ MC0AF1 Q1087-12 Χ Χ MC0AF5 Q1087-13 Χ Χ Χ MC0AF6 Χ Q1087-14 MC0AF7 Q1087-15 Χ Χ MC0AE3 Q1087-16 Χ Χ Q1087-17 MC0AE4 Χ Χ MC0AE5 Q1087-18 Χ Χ MC0AF2 Q1087-19 Χ Χ MC0AF3 Q1087-20 Χ Χ MC0AF4 Q1087-21 Χ MC0AD6 Q1087-22 Χ MC0AD7 Q1087-23 Χ I certify that this data package is in compliance with the terms and conditions of the

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:	Nai	ne:
Date:	Ti	tle:

68HERH20D0011

SDG # MC0AF9

# USEPA CLP COC (LAB COPY)

DateShipped: 1/14/2025

CarrierName: FedEx

AirbillNo: 771425267778

# **CHAIN OF CUSTODY RECORD**

Case #: 51953 Cooler #: 13

No: 3-011425-124430-0013

Lab: Chemtech Consulting Group Lab Contact: Mohammad Ahmed

Lab Phone: 908-789-8900

Sample Identifier	CLP Sample No.	Matrix/Sampl er	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
Stream 3A-I1	C0AF9	GW/ AECOM	Grab	1,4-DX SIM(21), TVOA(21)	448 (6 C), 449 (HCL to pH<2) (5)	Stream 3A	01/14/2025 14:00	
011425-TB-01	C0AG1	GW/ AECOM	Grab	TVOA(21)	456 (HCL to pH<2) (3)	Trip Blank	01/14/2025 12:00	
Stream 1A-I1	C0AH2	GW/ AECOM	Grab	1,4-DX SIM(21), TVOA(21)	440 (6 C), 441 (HCL to pH<2) (5)	Stream 1A	01/14/2025 14:20	
Stream 2A-I1	C0AH3	GW/ AECOM	Grab	1,4-DX SIM(21), TVOA(21)	444 (6 C), 445 (HCL to pH<2) (5)	Stream 2A	01/14/2025 14:10	
Stream 3A-I1	MC0AF9	GW/ AECOM	Grab	ICP-MS_Hg(21)	450 (HNO3 pH<2) (1)	Stream 3A	01/14/2025 14:00	\
Stream 1A-I1	MC0AH2	GW/ AECOM	Grab	ICP-MS_Hg(21)	442 (HNO3 pH<2) (1)	Stream 1A	01/14/2025 14:20	
Stream 2A-I1	MC0AH3	GW/ AECOM	Grab	ICP-MS_Hg(21)	446 (HNO3 pH<2) (1)	Stream 2A	01/14/2025 14:10	\

Analysis Key: 1,4-DX SIM=CLP 1,4-Dioxane by SIM, TVOA=CLP Trace Volatiles, ICP-MS\_Hg=CLP IC-MS Metals & Mercury Special Instructions: No QC Samples are included in this cooler. 011305 0 11306 Samples Transferred From Chain of Custody # Shipment for Case Complete? N

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signatur Organization)	re and Date/Time Sample Condition Upo
$\overline{}$	Jawiney Comey Accom	1/14/25	DA	A
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**USEPA CLP COC (LAB COPY)** 

DateShipped: 1/15/2025

AirbillNo: 771448993580

CarrierName: FedEx

CHAIN OF CUSTODY RECORD

Case #: 51953

Cooler #: 14

SDG # MC0AF9

68HERH20D0011

No: 3-011525-105248-0014

Lab: Alliance Technical Group

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

01/15/2025 10:45							
01/15/2029 10:45							
	MW-19D	410 (HNO3 pH<2), 414 (HNO3 pH<2), 418 (HNO3 pH<2) (3)	ICP-MS_Hg(21)	Grab	GW/ AECOM	MC0AF8	MW-19D-I1
01/15/2025 11:40	PIW-1S	421 (HCL to pH<2) (3)	TVOA(21)	Grab	GW/ AECOM	COAHO	PIW-1S-I1-CS
01/15/2025 14:00	Equipment Blank	460 (HCL to pH<2) (3)	TVOA(21)	Grab	GW/ AECOM	C0AG4	011525-EB-01
01/15/2025 09:00	Trip Blank	457 (HCL to pH<2) (2)	TVOA(21)	Grab	GW/ AECOM	C0AG2	011525-TB-02
01/15/2025 10:45	MW-19D	408 (6 C), 409 (HCL to pH<2), 412 (6 C), 413 (HCL to pH<2), 416 (6 C), 417 (HCL to pH<2) (15)		Grab	GW/ AECOM	C0AF8	MW-19D-I1
01/15/2025 11:40	PIW-1S	373 (HCL to pH<2) (3)		Grab	GW/ AECOM	COAE9	PIW-1S-I1
Collection Date/Time	Location	Tag/Preservative/Bottles	Analysis/Turnaround (Days)	Coll. Method	Matrix/Sampl er	CLP Sample No.	Sample Identifier
	Collectic Date/Tin 01/15/20: 11:40 01/15/202 01/15/202 01/15/202 01/15/202	PIW-1S MW-19D Trip Blank Equipment Rlank	Location PIW-1S MW-19D Trip Blank Equipment Riank	Tag/Preservative/Bottles Location  373 (HCL to pH<2) (3) PIW-1S  408 (6 C), 409 (HCL to pH<2), 412 (6 C), 413 (HCL to pH<2), 416 (6 C), 417 (HCL to pH<2) (15)  457 (HCL to pH<2) (2) Trip Blank  460 (HCL to pH<2) (3) Equipment	Analysis/Turnaround Tag/Preservative/Bottles Location (Days)  TVOA(21) 373 (HCL to pH<2) (3) PIW-1S  1,4-DX SIM(21), 408 (6 C), 409 (HCL to pH<2), 412 (6 C), 413 (HCL to pH<2), 416 (6 C), 413 (HCL to pH<2), 416 (6 C), 417 (HCL to pH<2) (15)  TVOA(21) 457 (HCL to pH<2) (2) Trip Blank  TVOA(21) 460 (HCL to pH<2) (3) Equipment	Coll.   Analysis/Turnaround   Tag/Preservative/Bottles   Location   Method   (Days)   373 (HCL to pH<2) (3)   PIW-1S	Matrix/Sampl er         Coll. Method         Analysis/Turnaround (Days)         Tag/Preservative/Bottles         Location           GW/ AECOM         Grab         TVOA(21)         373 (HCL to pH<2) (3)

Sample(s) to be used for Lab QC: MW-19D-I1 Tag 408, MW-19D-I1 Tag 409, MW-19D-I1 Tag 412, MW-19D-I1 Tag 413, MW-19D-I1 Tag 416, MW-19D-I1 Tag 417, MW-19D-I1 Tag 410, MW-19D-I1 Tag 414, MW-19D-I1 Tag 418 - Special Instructions: QC Sample COAF8 is included in this cooler

Samples Transferred From Chain of Custody # 011307/011308 Shipment for Case Complete? N

Analysis Key: TVOA=CLP Trace Volatiles, 1,4-DX SIM=CLP 1,4-Dioxane by SIM, ICP-MS\_Hg=CLP IC-MS Metals & Mercury

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
)   /	~ the cream	56/51/	Ro Mohander	9:32	Temp Blank presust
all/Shik	Manual Manymen	1530	0	1-16-25	1-16-25 Cushdy seal infact
•	<u> </u>				_

68HERH20D0011

SDG # MC0AF9

# USEPA CLP COC (LAB COPY)

DateShipped: 1/15/2025 CarrierName: FedEx AirbillNo: 771453518079

# **CHAIN OF CUSTODY RECORD**

Case #: 51953 Cooler #: 16

No: 3-011525-130012-0016

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

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(J	01/15/2025 11:40	PW-1S	422 (HNO3 pH<2) (1)	ICP-MS_Hg(21)	Grab	GW/ AECOM	MCOAHO	PIW-18-11-CS
. On	01/15/2025 14:00	Equipment Blank	461 (HNO3 pH<2) (1)	ICP-MS_Hg(21)	Grab	GW/ AECOM		011525-EB-01
(Ji	01/15/2025 11:40	PW-18	374 (HNO3 pH<2) (1)	ICP-MS_Hg(21)	Grab	GW/ AECOM		PIW-1S-11
C	01/15/2025 11:40	PW-1S	420 (6 C) (2)	1,4-DX SIM(21)	Grab	GW/ AECOM	C0AH0	PIW-18-I1-CS
ဟိ	01/15/2025 14:00	Equipment Blank	459 (6 C) (2)	1,4-DX SIM(21)	Grab	GW/ AECOM	C0AG4	011525-EB-01
ଔ	01/15/2025 11:40	PW-1S	372 (6 C) (2)	1,4-DX SIM(21)	Grab	GW/ AECOM	COAE9	PIW-1S-I1
øž	Collection Date/Time	Location	Tag/Preservative/Bottles	Analysis/Turnaround (Days)	Coll. Method	Matrix/Sampl	Sample No.	Sample Identifier

Analysis Key: 1,4-DX SIM=CLP 1,4-Dioxane by SIM, ICP-MS_Hg=CLP IC-MS Metals & Mercury	Special Instructions: No QC Sample is included in this cooler
	Shipment for Case Complete? N Samples Transferred From Chain of Custody # 011309 0113010

Custoda 8	1-16-25	۵	1530	Viewlos Medilmer	011/6h18
Temp Blank presen	9.32	P. Melende	56/51/1	C C wear	
Receipt		Organization)		Organization)	
Sample Condition Upon	Date/Time	Received by (Signature and	Date/Time	Relinquished by (Signature and	Items/Reason

68HERH20D0011

SDG # MC0AF9

# USEPA CLP COC (LAB COPY)

DateShipped: 1/15/2025

AirbillNo: 771453577181 CarrierName: FedEx

# **CHAIN OF CUSTODY RECORD**

Case #: 51953 Cooler #: 17

No: 3-011525-131134-0017

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

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			A STATE OF THE STA	)				
	01/15/2025 15:20	PIW-1D	382 (HNO3 pH<2) (1)	ICP-MS_Hg(21)	Grab ·	GW/ AECOM	MC0AF1	PIW-1D-I1
\ \	01/15/2025 14:20	PIW-11	378 (HNO3 pH<2) (1)	ICP-MS_Hg(21)	Grab	GW/ AECOM	MC0AF0	PIW-11-11
) PH 1.6	01/15/2025 15:30	S60-MW	354 (HNO3 pH<2) (1)	ICP-MS_Hg(21)	Grab	GW/ AECOM	MC0AE6	MW-09S-11
	01/15/2025 15:20	PW-1D	380 (6 C) (2)	1,4-DX SIM(21)	Grab	GW/ AECOM	C0AF1	PIW-1D-I1
	01/15/2025 14:20	PIW-11	376 (6 C) (2)	1,4-DX SIM(21)	Grab	GW/ AECOM	COAFO	PIW-11-11
	01/15/2025 15:30	S60-MM	352 (6 C) (2)	1,4-DX SIM(21)	Grab	GW/ AECOM	C0AE6	MW-09S-I1
For Lab Use Only	Collection Date/Time	Location	Tag/Preservative/Bottles	Analysis/Turnaround (Days)	Coll. Method	Matrix/Sampl	Sample No.	Sample Identifier

Special Instructions: No QC Sample is included in this cooler

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

Analysis Key: 1,4-DX SIM=CLP 1,4-Dioxane by SIM, ICP-MS\_Hg=CLP IC-MS Metals & Mercury

	MS/Ill	Items/Reason
<u> </u>	TWITMEN TOMEN ACCOM	Relinquished by (Signature and Organization)
	1600	Date/Time
(	2	Received by (Signature and Organization)
	1-16.25	Date/Time
Custedy Sund Zintach	-16:25 TR:Con#1 1.8.	Sample Condition Upon Receipt

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# USEPA CLP COC (LAB COPY)

DateShipped: 1/15/2025 CarrierName: FedEx AirbillNo: 771449150858

# CHAIN OF CUSTODY RECORD

Case #: 51953 Cooler #: 15

No: 3-011525-105812-0015

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

				PMW-2D-I1	PMW-21-11	PMW-28-11	011525-TB-03	PMW-2D-11	PMW-21-11	PMW-2S-I1	PIW-1D-11	PIW-11-11	MW-09S-11	Sample Identifier
				MCOAF7	MC0AF6	MC0AF5	COAG3	C0AF7	COAF6	COAF6	COAF1	COAFO	COAE6	CLP Sample No.
				GW/ AECOM	GW/ AECOM	GW/ AECOM	GW/ AECOM	GW/ AECOM	GW/ AECOM	GW/ AECOM	GW/ AECOM	GW/ AECOM	GW/ AECOM	Matrix/Sampler
				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Coll. Method
		1 AP		ICP-MS_Hg(21)	ICP-MS_Hg(21)	ICP-MS_Hg(21)	TVOA(21)	1,4-DX SIM(21), TVOA(21)	1,4-DX SIM(21), TVOA(21)	1,4-DX SIM(21), TVOA(21)	TVOA(21)	TVOA(21)	TVOA(21)	Analysis/Turnaround (Days)
T-C-A-TROO				406 (HNO3 pH<2) (1)	402 (HNO3 pH<2) (1)	398 (HNO3 pH<2) (1)	458 (HCL to pH<2) (2)	404 (6 C), 405 (HCL to pH<2) (5)	400 (6 C), 401 (HCL to pH<2) (5)	396 (6 C), 397 (HCL to pH<2) (5)	381 (HCL to pH<2) (3)	377 (HCL to pH<2) (3)	353 (HCL to pH<2) (3)	Tag/Preservative/Bottles
				PMW-2D	PMW-2I	PMW-2S	Trip Blank	PMW-2D	PMW-21	PMW-2S	PIW-1D	PIW-1I	S60-MW	Location
				01/15/2025 13:30	01/15/2025 12:05	01/15/2025 10:35	01/15/2025 09:15	01/15/2025 13:30	01/15/2026 12:05	01/15/2025 10:35	01/15/2025 15:20	01/15/2025 14:20	01/15/2025 15:30	Collection Date/Time
				\ \	٦ -	シャラウ								For Lab Use Only

	Analysis Key: TVOA=CLP Trace Volatiles, 1,4-DX SIM=CLP 1,4-Dloxane by SIM, ICP-MS_Hg=CLP IC-MS Metals & Mercury
Samples Transferred From Chain of Custody #	Special instructions: QC Sample C0AH0 is included in this cooler $C_1 \leq 1$
Shipment for Case Complete? N	

	3	all/ship	Items/Reason
		maganaman Juntuna	Relinquished by (Signature and Organization)
		1/15/25	Date/Time
		Q.	Received by (Signature and Organization)
		1-16.25	Date/Time
Temp Bank present	Controly Soul Interest	1-16-25 FR. G. # ( 21 C	Sample Condition Upon Receipt

68HERH20D0011

SDG # MC0AF9

USEPA CLP COC (LAB COPY)

DateShipped: 1/16/2025 CarrierName: FedEx AirbillNo: 771478567060

CHAIN OF CUSTODY RECORD

No: 3-011625-123332-0018

Case #: 51953 Cooler #: 18

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

				IBMW-2D-11	IBMW-1D-11	IBMW-1S-11	011625-TB-04	PMW-1D-11	PMW-11-11	PMW-1S-11	IBMW-2D-I1	IBMW-1D-I1	IBMW-1S-I1	<b>T</b>
-				MC0AE5	MC0AE4	MC0AE3	C0AH7	COAF4	C0AF3	C0AF2	COÁE5	COAE4	COAE3	CLP Sample No.
				GW/ AECOM	GW/ AECOM	GW/ AECOM	GW/ AECOM	GW/ AECOM	GW/ AECOM	GW/ AECOM	GW/ AECOM	GW/ AECOM	GW/ AECOM	Matrix/Sampler
				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Method
		2		ICP-MS_Hg(21)	ICP-MS_Hg(21)	ICP-MS_Hg(21)	TVOA(21)	TVOA(21)	TVOA(21)	TVOA(21)	1,4-DX SIM(21), TVOA(21)	1,4-DX SIM(21), TVOA(21)	1,4-DX SIM(21), TVOA(21)	Analysis/Turnaround (Days)
				350 (HNO3 pH<2) (1)	346 (HNO3 pH<2) (1)	342 (HNO3 pH<2) (1)	1014 (HCL to pH<2) (2)	393 (HCL to pH<2) (3)	389 (HCL to pH<2) (3)	385 (HCL to pH<2) (3)	348 (6 C), 349 (HCL to pH<2) (5)	344 (6 C), 345 (HCL to pH<2) (5)	340 (6 C), 341 (HCL to pH<2) (5)	Tag/Preservative/Bottles
The state of the s		A CONTRACTOR OF THE PARTY OF TH		IBMW-2D	IBMW-1D	IBMW-1S	Trip Blank	PMW-1D	PIW-11	PIW-1S	IBMW-2D	IBMW-1D	IBMW-1S	Location
				01/16/2025 14:25	01/16/2025 12:15	01/16/2025 10:25	01/16/2025 09:00	01/16/2025 11:45	01/16/2025 11:00	01/16/2025 10:10	01/16/2025 14:25	01/16/2025 12:15	01/16/2025 10:25	Collection Date/Time
			V	7	5	5								For Lab Use Only

Analysis Key: 1,4-DX SIM=CLP 1,4-Dioxane by SIM, TVOA=CLP Trace Volatiles, ICP-MS\_Hg=CLP IC-MS Metals & Mercury

Samples Transferred From Chain of Custody #

Shipment for Case Complete? N

Special Instructions: No QC Sample is included in this cooler

# USEPA CLP COC (LAB COPY)

DateShipped: 1/16/2025 CarrierName: FedEx

CarrierName: FedEx
AirbillNo: 771478610317

# **CHAIN OF CUSTODY RECORD**

Case #: 51953

Cooler #: 19

No: 3-011625-123412-0019

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

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1					The second second			
(	01/16/2025	PMW-1D	394 (HNO3 pH<2) (1)	ICP-MS_Hg(21)	Grab	GW/ AECOM	MC0AF4	PMW-1D-I1
(	01/16/2025 11:00	PIW-11	390 (HNO3 pH<2) (1)	ICP-MS_Hg(21)	Grab	GW/ AECOM		PMW-11-11
7	01/16/2025 10:10	PIW-1S	386 (HNO3 pH<2) (1)	ICP-MS_Hg(21)	Grab	GW/ AECOM	MC0AF2	PMW-18-I1
	01/16/2025 11:45	PMW-1D	392 (6 C) (2)	1,4-DX SIM(21)	Grab	GW/ AECOM	C0AF4	PMW-1D-I1
	01/16/2025 11:00	PIW-11	388 (6 C) (2)	1,4-DX SIM(21)	Grab	GW/ AECOM	C0AF3	PMW-11-11
	01/16/2025 10:10	PIW-1S	384 (6 C) (2)	1,4-DX SIM(21)	Grab	GW/ AECOM	C0AF2	PMW-1S-I1
							No.	
For Lab Use Only	Collection Date/Time	Location	Tag/Preservative/Bottles	Analysis/Turnaround Tag/Preservativ (Days)	Coll. Method	Matrix/Sampl	Sample	Sample

Special Instructions: No QC Sample is included in this cooler

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

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ysis Key: 1,4-DX SIM=CLP 1,4-Dioxane by SIM, ICP-MS_Hg=CLP IC-MS Metals & Mercury	
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	multura Francisco Arcom	Relinquished by (Signature and Organization)
	56)41/4	Date/Time
		Received by (Signature and Organization)
	0430 1-17-25	Date/Time
Temp blank prosent	TR GUN #1	Sample Condition Upon Receipt

# USEPA CLP COC (LAB COPY)

Date Shipped: 14-Jan-2025

Carrier Name: FedEx

AirBill No: 2843 4638 9262

# CHAIN OF CUSTODY RECORD

Case #: 51953 Cooler #: Box 1 of 1

No: 3-123124-094602-0001

Lab: Alliance Technical Group LLC

Lab Contact: Mohammad Ahmed Lab Phone: 908-728-3151

				Shipment for Ca	Shipment for Case Complete? N
Special Instructions	ns:			Samples Transfo	Samples Transferred From Chain of Custody #
Analysis Key: T	Analysis Key: TVOA=CLP Trace Volatiles, 1,4-Dioxane SIM=CLP 1,4-Dioxane by SIM, ICP-MS=CLP ICP-MS 11+ Metals, Hg=CLP Mercury	xane by SIM, ICP-I	WS=CLP ICP-MS 11+ Metals, Hg=CLP Mercury		
Items/Reason	Relinquished By (Signature and Organization)	Date/Time	Received by (Signature and Organization)   Date/Time	Date/Time	Sample Condition Upon Receipt
	12 ME /E"	14 Jun 2025	)	7	ት 
	Daniel KRA	12:00	lean	- - - - - - - - - - - - - - - - - - -	11.1

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# SAMPLE LOG-IN SHEET

SAIVII EE	LOG-IN SHEET	No
Lab Name : Alliance Technical Group, LLC		Page_1_of
Received By (Print Name) GORGE NEGWI	DW	Log-in Date 1/15/2025
Received By (Signature)		, , , , , , , , , , , , , , , , , , , ,
Case Number 51953 SDG No.	MC0AF9	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present,
2. Custody Seal Nos.	011305-306
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	771425267778 1
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	01/15/2025
12.Time Received	14:16 10:03 at

			Correspond	ing	
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	MC0AF9	1.3	450	Q1087-01	Intact
2	MC0AH2	1.3	442	Q1087-02	Intact
3	мсоанз	1.3	446	Q1087-03	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	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	1/15/25	Logbook Page No.	N/A

# SAMPLE LOG-IN SHEET

	SAMPLE LOG-IN SHEET	$\sim$			
Lab Name : Alliance Technical Group, LLC Page 2 of 14					
Received By (Print Name) asago	va lei	Log-in Date 1/16/2025			
Received By (Signature)					
Case Number 51953	SDG No. MC0AF9	MA No. N/A			

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	011307-308
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	771448993580 2
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	01/16/2025
12.Time Received	09:32

			Correspon	ding	Demontos
	EPA Sample #	Aqueous Water Sample pH	, Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MC0AF8	1.0	410,14,18	Q1087-04	Intact
2	MC0AF8D	1.0	410,14,18	Q1087-05	Intact
3	MC0AF8S	1.0	410,14,18	Q1087-06	Intact
4	N/A	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A	N/A
7	N/A	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	 N/A

Reviewed By	W.	Logbook No.	N/A	
Date	1/16/25	Logbook Page No.	N/A	

# SAMPLE LOG-IN SHEET

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Lab Name : Alliance Technical Grou		Page_3_of_2
Received By (Print Name)	rova Sére	Log-in Date 1/16/2025
Received By (Signature)		
Case Number 51953	SDG No. MC0AF9	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	011309-011310
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	771453518079 3
6. 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	01/16/2025
12.Time Received	09:32

			Correspon	ding	Domanulan
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	MC0AE9	1.0	374	Q1087-07	Intact
2	MC0AG4	1.0	461	Q1087-08	Intact
3	мсоано	1.0	422	Q1087-09	Intact
4	N/A	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A	N/A
7	N/A	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	 N/A
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	++	N/A
22	N/A	N/A	N/A		N/A
23	N/A	N/A	N/A		 N/A

Reviewed By	W.	Logbook No.	N/A	
Date	1/16/25	Logbook Page No.	N/A	

# FORM DC-1 SAMPLE LOG-IN SHEET

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Lab Name: Alliance Technical Group	/	Page 4 of
Received By (Print Name	va Reje	Log-in Date 1/16/2025
Received By (Signature)		
Case Number 51953	SDG No. MC0AF9	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	011312
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	771453577181 4
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	1.8 Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	01/16/2025
12.Time Received	09:32

			Corresponding		Damasalas
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MC0AE6	1.0	354	Q1087-10	Intact
2	MC0AF0	1.0	378	Q1087-11	Intact
3	MC0AF1	1.0	382	Q1087-12	Intact
4	N/A	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A	N/A
7	N/A	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	V/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	J.	Logbook No.	N/A
Date	1/16/25	Logbook Page No.	N/A

# FORM DC-1 SAMPLE LOG-IN SHEET

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Lab Name : Alliance Technical Group,	/ /	Page_5_of
Received By (Print Name) against	a Keje	Log-in Date 1/16/2025
Received By (Signature)		
Case Number 51953	SDG No. MC0AF9	MA No. N/A

Remarks:	
Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	011311
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	771449150858 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	01/16/2025
12.Time Received	09:32

			Correspoi	Corresponding	
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	MC0AF5	1.0	398	Q1087-13	Intact
2	MC0AF6	1.0	402	Q1087-14	Intact
3	MC0AF7	1.0	406	Q1087-15	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	V/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	1/16/25	Logbook Page No.	N/A	

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SAMPLE LOG	-IN	SHEET

Lab Name : Alliance Technical Grou	Page 6 of	
Received By (Print Name)	MSC. USCHULT	Log-in Date 1/17/2025
Received By (Signature)		
Case Number 51953	SDG No. MC0AF9	MA No. N/A

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.	771478567060 6
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.6 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	01/17/2025
12.Time Received	09:30

	EPA	Aqueous Water Sample	Sample	Assigned	I
	Sample #	pН	Tag #	Lab #	etc.
1	MC0AE3	1.6	342	Q1087-16	Intact
2	MC0AE4	1.6	346	Q1087-17	Intact
3	MC0AE5	1.6	350	Q1087-18	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 I	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	\(\sum_{-}\)	Logbook No.	N/A	
Date	1/17/25	Logbook Page No.	N/A	

# SAMPLE LOG-IN SHEET

	SAMPLE LOG-IN SHEET	SN.
Lab Name: Alliance Technical Group, LL	LC	Page_7_of 🔏 🕻
Received By (Print Name) Const	Mesupe	Log-in Date 1/17/2025
Received By (Signature)		
Case Number 51953 S	DG No. MC0AF9	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	n/a
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	771478610317 7
6. 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	01/17/2025
12.Time Received	09:30

	EPA Sample #	Aqueous Water Sample pH	Correspondi Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	MC0AF2	1.6	386	Q1087-19	Intact
2	MC0AF3	1.6	390	Q1087-20	Intact
3	MC0AF4	1.6	394	Q1087-21	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 I	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A

Reviewed By		Logbook No.	N/A
Date	1/17/25	Logbook Page No.	N/A

# FORM DC-1 SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group	, LLC	Page_8_of
Received By (Print Name) Colls	E NESUDA	Log-in Date 1/15/2025
Received By (Signature)		
Case Number 51953	SDG No. MC0AF9	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	n/a
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	<u>284346389262</u> <u>8</u>
6. Shipping Container Temperature Indicator Bottle	Absent
7. Shipping Container Temperature	11.1 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	01/15/2025
12.Time Received	10:05

			Correspond	ing	D
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	MC0AD6	N/A	N/A	Q1087-22	Intact
2	MC0AD7	N/A	N/A	Q1087-23	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	AS,	Logbook No.	N/A
Date	1 23 25	Logbook Page No.	N/A

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

LAB NAME	Alliance Techr	nical Group, LLC		
LAB CODE	ACE			
CONTRACT NO.	68HERH20D0011			
CASE NO.	51953	SDG NO.	MCOAF9	
MA NO.		SOW NO.	SFAM01.1	

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

PAGE NOSE   CHECK   PROM TO					
1. SDG Cover Page		PAGE	NOs:	CH	ECK
2. Traffic Report/Chain of Custody Record(s)  2. Sample Log-In Sheet (DC-1)  4. CSF Inventory Sheet (DC-2)  5. SDG Narrative  6. Communication Logs  7. Percent Solids Log  8. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory OC as applicable  9. Instrument raw data by instrument Run forms or copies of Analysis or Instrument Logbooks  10. Original Preparation and Cleanup forms or copies of Analysis or Instrument Logbooks  11. Percent Solids Instrument Run forms or copies of Analysis or Instrument Logbooks  12. Performance Evaluation (FE)/Proficiency Testing (FT) Sample  16. Raw Florisil Data  17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis or Instrument Run forms or copies of Analysis or Instructions  18. Raw GPC Data  19. Ray GPC Data  17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory OC as applicable  18. Instrument Logbooks  19. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory OC as applicable  19. Instrument raw data by instrument in analysis order  25. 44 ✓  26. Coriginal Preparation and Cleanup forms or copies of Preparation and P25 926 ✓  27. Coriginal Preparation and Cleanup forms or copies of Preparation and P25 926 ✓  28. Performance Evaluation (FE)/Proficiency Testing (FT) Sample  9. Sample Analysis or Instrument Run forms or copies of Analysis or Instrument P27 933 ✓  28. Performance Evaluation (FE)/Proficiency Testing (FT) Sample  9. Sample P34 935 ✓		FROM	TO	LAB	REGION
2. Traffic Report/Chain of Custody Record(s)  2. Sample Log-In Sheet (DC-1)  4. CSF Inventory Sheet (DC-2)  5. SDG Narrative  6. Communication Logs  7. Percent Solids Log  8. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory OC as applicable  9. Instrument raw data by instrument Run forms or copies of Analysis or Instrument Logbooks  10. Original Preparation and Cleanup forms or copies of Analysis or Instrument Logbooks  11. Percent Solids Instrument Run forms or copies of Analysis or Instrument Logbooks  12. Performance Evaluation (FE)/Proficiency Testing (FT) Sample  16. Raw Florisil Data  17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis or Instrument Run forms or copies of Analysis or Instructions  18. Raw GPC Data  19. Ray GPC Data  17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory OC as applicable  18. Instrument Logbooks  19. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory OC as applicable  19. Instrument raw data by instrument in analysis order  25. 44 ✓  26. Coriginal Preparation and Cleanup forms or copies of Preparation and P25 926 ✓  27. Coriginal Preparation and Cleanup forms or copies of Preparation and P25 926 ✓  28. Performance Evaluation (FE)/Proficiency Testing (FT) Sample  9. Sample Analysis or Instrument Run forms or copies of Analysis or Instrument P27 933 ✓  28. Performance Evaluation (FE)/Proficiency Testing (FT) Sample  9. Sample P34 935 ✓					
3. Sample Log-In Sheet (DC-1) 4. CSF Inventory Sheet (DC-2) 5. SDG Marrative 6. Communication Logs 7. Percent Solids Log  8. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 9. Instrument Logbooks 11. Original Preparation and Cleanup forms or copies of Analysis or NA NA ∨ 11. Original Preparation and Cleanup forms or copies of Analysis or NA NA ∨ 11. Original Preparation and Cleanup forms or copies of Analysis or NA NA ∨ 12. Original Preparation and Cleanup forms or copies of Analysis or NA NA ∨ 13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA ∨ 14. Extraction Logs for TCLP and SPLP NA NA ∨ 15. Raw GPC Data NA NA ∨ 16. Raw Florisil Data NA NA ∨ 17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 18. Instrument Evaluation (PE) Proficiency Testing (PT) for each sample or sample analysis, laboratory QC as applicable 19. Standard and Reagent Preparation Logs 19. Standard and Reagent Preparation Logs 20. Original Preparation and Cleanup forms or copies of Preparation and PSS PSC ∨ 21. Original Preparation and Cleanup forms or copies of Preparation and PSS PSC ∨ 22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample PSS V 23. Performance Evaluation (PE)/Proficiency Testing (PT) Sample PSS V 24. Performance Evaluation (PE)/Proficiency Testing (PT) Sample PSS V 25. Performance Evaluation (PE)/Proficiency Testing (PT) Sample PSS V 26. Performance Evaluation (PE)/Proficiency Testing (PT) Sample PSS V	1. SDG Cover Page	1	1	_ ✓	
4. CSF Inventory Sheet (DC-2) 5. SDG Narrative 21 24 ✓ 6. Communication Logs NA NA NA ✓ 7. Percent Solids Log NA NA NA ✓ 8. Sample Strms and Data (ICP-AES)  8. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 9. Instrument raw data by instrument in analysis order  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 NA NA ✓ Instrument Logbooks 14. Extractions NA NA ✓ 15. Raw GPC Data NA NA ✓	2. Traffic Report/Chain of Custody Record(s)	2	9	✓	
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19. Standard and Reagent Preparation Logs  20. Original Preparation and Cleanup forms or copies of Preparation and Section 20. Original Analysis or Instrument Run forms or copies of Analysis or Section 20. Original Analysis or Instrument Run forms or copies of Analysis or Section 20. Performance Evaluation (PE)/Proficiency Testing (PT) Sample  789 924 ✓  926 ✓  927 933 ✓  10. Section 20. Section 20	Other Data				
Cleanup Logbooks  21. Original Analysis or Instrument Run forms or copies of Analysis or		789	924	✓	
21. Original Analysis or Instrument Run forms or copies of Analysis or 927 933 ✓ Instrument Logbooks 22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample 934 935 ✓		925	926	✓	
22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample 934 935 ✓	21. Original Analysis or Instrument Run forms or copies of Analysis or	927	933	✓	
	22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample	934	935	_	

	PAGE	NOs:	CH	CHECK	
	FROM	TO	LAB	REGION	
23. Extraction Logs for TCLP and SPLP	NA	NA			
24 . Raw GPC Data	NA	NA_	✓		
25. Raw Florisil Data	NA	NA	✓		
Analysis Forms and Data (Mercury)					
26. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample	936	955	✓		
or sample analysis, laboratory QC as applicable 27. Instrument raw data by instrument in analysis order	956	957	✓		
Other Data					
28. Standard and Reagent Preparation Logs	958	984	✓		
29. Original Preparation and Cleanup forms or copies of Preparation and	985	986			
Cleanup Logbooks 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	987	988	✓		
31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample	989	990	✓		
Instructions 32. Extraction Logs for TCLP and SPLP	NA	NA	✓		
33 . Raw GPC Data	NA	NA	<b>✓</b>		
34 . Raw Florisil Data	NA	NA	✓		
Analysis Forms and Data (Cyanide)					
35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample	NA	NA	✓		
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Other Data					
37. Standard and Reagent Preparation Logs	NA	NA	✓		
38. Original Preparation and Cleanup forms or copies of Preparation and	NA	NA	<b>✓</b>		
Cleanup Logbooks  39. Original Analysis or Instrument Run forms or copies of Analysis or	NA	NA	✓		
<pre>Instrument Logbooks 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions</pre>	NA	NA_	_		
41. Extraction Logs for TCLP and SPLP	NA	NA	_		
42 . Raw GPC Data	NA	NA	<b>✓</b>		
43 . Raw Florisil Data	NA	NA	✓		

	PAGE	NOs:	CH	CHECK	
	FROM	TO	LAB	REGION	
Additional					
44. EPA Shipping/Receiving Documents					
Airbill (No. of Shipments8)	991	998	✓		
Sample Tags	NA	NA	✓		
Sample Log-In Sheet (Lab)	999	1000	<b>√</b>		
45. Misc. Shipping/Receiving Records(list all individual records)					
	NA	NA			
46. Internal Lab Sample Transfer Records and Tracking Sheets					
(describe or list)	1001	1004	_		
		1004			
				-	
47. Other Records and related Communication Logs (describe or list)					
(describe of fist)	NA	NA	✓		
48. Comments:					
Completed by:					
(CLP Lab) Nimisha Pandya, Do		Officer			
(Signature) (Print Name & Tit Audited by:	tle)		(Da	te)	
(EPA)					
(Signature) (Print Name & Tit	tle)		(Da	te)	



### **SDG NARRATIVE**

USEPA
SDG # MC0AF9
CASE # 51953
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # O1087

### A. Number of Samples and Date of Receipt

21 Water samples were delivered to the laboratory intact on 01/15/2025, 01/16/2025, 01/17/2025.

### B. Parameter

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 & Mercury.

### C. Cooler Temp

Indicator Bottle: Presence/Absence

Cooler: 2.4°C, 3.2°C, 3.1°C, 1.8°C, 2.1°C, 2.6°C, 2.8°C, 11.1°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.

### 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 Vf x DF

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 MC0AF9 For Arsenic:**

If 
$$C = 0.44 \text{ ppb}$$

Vf = 50 ml

Vi = 50 ml

DF = 1

Concentration or Result (
$$\mu$$
g/L) = 0.44 x  $\underline{50}$  x 1  $\underline{50}$ 

 $= 0.44 \mu g/L$ 

= 0.44 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  $\mu$ g/L from the calibration curve.

DF = Dilution Factor

### **Example Calculation For MC0AF9:**

$$\begin{array}{ll} If \ C &= 0.0703 \ ppb \\ DF &= 1 \end{array}$$

Concentration or Result (
$$\mu$$
g/L) = 0.0703 x 1

 $= 0.0703 \, \mu g/L$ 

= 0.070 μg/L (Reported Result with Signification)



# 284 Sheffield Street Mountainside, NJ 07092 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. 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.

Internal Standard Association for ICP-MS analysis.

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



# 284 Sheffield Street Mountainside, NJ 07092

mountainside, no oroza	
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