SDG COVER PAGE

Lab Name: All	liance Technical Group, LLC	Contract:		0D0011	
Lab Code: ACE	E Case No.: 51878	MA No.:			SDG No.: E29Z5
SOW No. : SFA	AM01.1				_
EPA Sample No	. Lab Sample Id	ICP-AES	Analysi ICP-MS	s Method Mercury	Cyanide
E29Z1	P4877-01		Х	X	
E29Z3	P4877-02		Х	Х	
E29Z5	P4877-03		Х	Х	
E29Z7	P4877-04		Х	Х	
E2A13	P4877-05		Х	Х	
E2A19	P4877-06		Х	Х	
E2A22	P4877-07		Х	Х	
E2A23	P4877-08		Х	Х	
E29Z9	P4877-09		Х	Х	
E2A01	P4877-10		Х	Х	
E2A01D	P4877-11		Х	Х	
E2A01S	P4877-12		Х	Х	
E2A03	P4877-13		Х	Х	
E2A05	P4877-14		Х	Х	
E2A07	P4877-15		Х	Х	
E2A09	P4877-16		Х	Х	
E2A20	P4877-17		Х	Х	
E2A24	P4877-18		Х	Х	
E29S9	P4877-19		Х	Х	

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: 
 Signature:
 Name:

 Date:
 Title:

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- ANT	entrol 1 scale 2. state		(					
	Tol gun th	11-15-24	Q	11/14 124 EA		WW EA	Well Myper	Ŵ
Jpon Receipt	Sample Condition Upon Receipt	Date/Time	Received by (Signature and Organization)	Date/Time Received	nization)	Relinquished by (Signature and Organization)	elinquished by (	Items/Reason R
	olved)	IS Metals+Hg (disso	Analysis Key: VOA=CLP Volatiles, TVOA=CLP Trace Volatiles, ICP-MS+Hg=CLP ICP-MS Metals+Hg, ICP-MS+Hg (diss)=CLP ICP-MS Metals+Hg (dissolved)	S+Hg=CLP ICP-MS Metals+	latiles, ICP-M	/OA=CLP Trace Vo	CP Volatiles, T	nalysis Key: VOA=C
ustody #	Samples Transferred From Chain of Custody #	Samples Transferm	6	244511-12	ane SIM			
	Complete? N	Shipment for Case Complete? N	(2)				CVOA LOIM MAA	vorial Instructions -
	11/14/2024 12:00	DUP-SW-01	1675 (HNO3) (1)	ICP-MS+Hg (diss)(21)	Grab	Filtered Water/ M.Hartman	E2A14	DUP-SW-01- 11142024-F
イン	11/14/2024 12:00	DUP-SW-01	1673 (HCI), 1674 (HNO3) (5)	TVOA(21), ICP- MS+Hg(21)	Grab	Surface Water/ M.Hartman	E2A13	DUP-SW-01- 11142024
	11/14/2024 13:45	SW-07	1623 (HNO3) (1)	ICP-MS+Hg (diss)(21)	Grab	Filtered Water/ M.Hartman	E29Z8	SW-07-11142024- F
s X.X	11/14/2024 13:45	SW-07	1621 (HCI), 1622 (HNO3) (4)	TVOA(21), ICP- MS+Hg(21)	Grab	Surface Water/ M.Hartman	E29Z7	SW-07-11142024
	11/14/2024 12:00	SW-05	1617 (HNO3) (1)	ICP-MS+Hg (diss)(21)	Grab	Filtered Water/ M.Hartman	E29Z6	SW-05-11142024- F
3 x.M 515	11/14/2024 12:00	SW-05	1615 (HCl), 1616 (HNO3) (5)	TVOA(21), ICP- MS+Hg(21)	Grab	Surface Water/ M.Hartman	E29Z5	SW-05-11142024
	11/14/2024 10:09	SW-03	1611 (HNO3) (1)	ICP-MS+Hg (diss)(21)	Grab	Filtered Water/ M.Hartman	E29Z4	SW-03-11142024- F
2 x.2	11/14/2024 10:09	SW-03	1609 (HCI), 1610 (HNO3) (5)	TVOA(21), ICP- MS+Hg(21)	Grab	Surface Water/ M.Hartman	E29Z3	SW-03-11142024
	11/14/2024 09:12	SW-01	1605 (HNO3) (1)	ICP-MS+Hg (diss)(21)	Grab	Filtered Water/ M.Hartman	E29Z2	SVV-01-11142024- F
- 1.3	11/14/2024 09:12	SW-01	1603 (HCI), 1604 (HNO3) (4)	TVOA(21), ICP- MS+Hg(21)	Grab	Surface Water/ M.Hartman	E2921	SVV-U1-11142024
For Lab Use Only	Collection Date/Time	Location	Tag/Preservative/Bottles	Analysis/Turnaround (Days)	Coll. Method	Matrix/Sampler	CLP Sample No.	Sample Identifier
intact: Mohammad Ahmed Lab Phone: 908-789-8900	Lab Contact: Mohammad Ahmed Lab Phone: 908-789-8900		878	Case #. 51878			17584	AirbillNo: 779967017584
ical Group LLC	Lab: Alliance Technical Group LLC						4/2024 -~	DateShipped: 11/14/2024 CarrierName: FedEx
134025-0070	No: 5-111424-134025-0070		DY RECORD	CHAIN OF CUSTODY RECORD				

Page 2 of 3

SDG # E29Z5

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	Items/Reason	Analysis Key: SVC	Special Instruction		FB-01-11142024	Sample Identifier	USEPA CLP COC (LAB COPY) DateShipped: 11/14/2024 CarrierName: FedEx AirbillNo: 779967021635
Mully Refle	Relinquished by	)A+SIM+1,4-D SI	SVOA+SIM (M.		4 E2A19		DC (LAB COPY) 1/14/2024 adEx 7021635
Egen EA	Relinquished by (Signature and Organization)	M=CLP Semivolatile	Special Instructions: SVOA+SIM (MA 3064 0) + 1 4-Diovana SIM		Water/	Matrix/Sampler	
	anization)	s+SIM, ARO	Cime CiM		Method Grab	Coll.	
1/14/24 (8:30	Date/Time Receive	これないない - LA		PEST(21), ICP-MS+Hg(21)	(Days) SVOA+SIM+1,4-D	Analysis/Turnaround	CHAIN OF CUSTODY RECORD Case # 51878
	Received by (Signature and Organization)	Analysis Key: SVOA+SIM+1,4-D SIM=CLP Semivolatiles+SIM, ARO=CLP PCB Aroclors, PEST=CLP Pesticides, ICP-MS+Hg=CLP ICP-MS Metals+Hg				Tag/Preservative/Bottles	1878
1280 11-12-21-11	Date/Time	CP-MS Metals+Hg	Shipment for Case Complete? N		FB-01	Location	
	Sample Condition Upon Receipt	Samples Transferred From Chain of Custody # CP-MS Metals+Hg	e Complete? N		Date/Time 11/14/2024 14:25	Collection	No: 5-111424-164002-0072 Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Lab Phone: 908-789-8900
r) Is justant publicust	1 Upon Receipt	Custody #		67	Only	For Lab Use	No: 5-111424-164002-0072 ab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Lab Phone: 908-789-8900

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k presen	tomp Blank present			9a				
= 1 2.4	7A-Conte / 2.4.	920	R	(1/14 [ZH 18:3]	2	lu EA	Mellin Jelin	0
Upon Receipt	Sample Condition Upon Receipt	Date/Time	Received by (Signature and Organization)	Date/Time Received I	nization)	Relinquished by (Signature and Organization)	lelinquished by (	Items/Reason R
		P-MS Metals+Hg	Analysis Key: SVOA+SIM+1,4-D SIM=CLP Semivolatiles+SIM, ARO=CLP PCB Aroclors, PEST=CLP Pesticides, ICP-MS+Hg=CLP ICP-MS Metals+Hg	CLP PCB Aroclors, PEST=CL	;+SIM, ARO=	I=CLP Semivolatiles	+SIM+1,4-D SIM	inalysis Key: SVOA
ustody #	Samples Transferred From Chain of Custody #	amples Transferi	s 825 hrz	2244527-244528	ane SIM	Special Instructions: SVOA+SIM (MA 3064.0) + 1,4-Dioxane SIM	SVOA+SIM (M/	special Instructions:
	P Complete? N	Shipment for Case Complete? N						
JTM	11/14/2024 17:15	RB-01	1696 (None), 1697 (None), 1698 (None), 1699 (HNO3) (7)	SVOA+SIM+1,4-D SIM(21), ARO(21), PEST(21), ICP-MS+Hg(21)	Grab	Water/ M.Hartman	EZAZZ	кв-зуу-ит- 11152024
For Lab Use Only	Collection Date/Time	Location	Tag/Preservative/Bottles	Analysis/Turnaround (Days)	Coll. Method	Matrix/Sampler	CLP Sample No.	Sample Identifier
Lab Phone: 908-789-8900	Lab Phone		178	Case #: 51878			32242	AirbillNo: 779967032242
nical Group LLC ammad Ahmed	Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed						4/2024 5x	DateShipped: 11/14/2024 CarrierName: FedEx
171037-0075	No: 5-111424-171037-0075		Y RECORD	CHAIN OF CUSTODY RECORD			(LAB COPY)	USEPA CLP COC (LAB COPY)
	SDG # E29Z5		68HERH20D0011					Page 1 of 1

		Items/Reason	Analysis Key: SV	Special Instruction							11152024	Sample Identifier	USEPA CLP COC (LAB DateShipped: 11/14/2024 CarrierName: FedEx AirbillNo: 779967034587
	welly Relly	Relinquished by	OA+SIM+1,4-D SI	ns: SVOA+SIM (M							EZAZ3	ŝ	USEPA CLP COC (LAB COPY) DateShipped: 11/14/2024 CarrierName: FedEx AirbillNo: 779967034587
	In EA	Relinquished by (Signature and Organization)	M=CLP Semivolatile	Special Instructions: SVOA+SIM (MA 3064.0) + 1,4-Dioxane SIM							Water/ M.Hartman	Matrix/Sampler	
		anization)	s+SIM, ARO	xane SIM				-			Grab	Coll. Method	
	11/14/24 18:-30	Date/Time Rec	=CLP PCB Araclors, PES	244529-30							SVOA+SIM+1,4-D SIM(21), ARO(21), PEST(21), ICP-MS+Hg(21)	Analysis/Turnaround (Days)	CHAIN OF CL Case
	X	Received by (Signature and Organization)	Analysis Key: SVOA+SIM+1,4-D SIM=CLP Semivolatiles+SIM, ARO=CLP PCB Aroclors, PEST=CLP Pesticides, ICP-MS+Hg=CLP ICP-MS Metals+Hg								9 1701 (None), 1702 (None), , 1703 (None), 1704 (HNO3) (7) g(21)		CHAIN OF CUSTODY RECORD Case #: 51878
07(1)	11-15-24	Date/Time	CP-MS Metals+Hg	Samples Transfe	Shipment for Case Complete? N						RB-01	Location	te I
The sur sals intrest custody souls intrest Themp with puesent	12	Sample Condition Upon Receipt		Samples Transferred From Chain of Custody #	e Complete? N						11/14/2024 17:30	Collection Date/Time	No: 5-111424-173155-0076 Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Lab Phone: 908-789-8900
es intract puesent		1 Upon Receipt		Custody #		5					8 J.M	For Lab Use Only	No: 5-111424-173155-0076 ab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Lab Phone: 908-789-8900

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SDG # E29Z5

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1 21		11.16.27 11.16.29	K	00:81 112/11		NA EA	man R	1
Upon Receipt	Sample Condition Upon Receipt	Date/Time	Received by (Signature and Organization)	Date/Time Received	anization)	Relinquished by (Signature and Organization)	elinquished by ()	Items/Reason Ru
Hg=CLP ICP-	Metals+Hg, ICP-MS+	=CLP ICP-MS+AES N	Anarysis Rey: SVUA+SIM+1,4-U SIM=CLP Semivolatiles+SIM, ARO=CLP PCB Aroclors, PEST=CLP Pesticides, ICP-MS+AES+Hg=CLP ICP-MS+AES Metals+Hg, ICP-MS+Hg=CLP ICP- MS Metals+Hg, ICP-MS+Hg (diss)=CLP ICP-MS Metals+Hg (dissolved)	=CLP PCB Aroclors, PEST=CI red)	s+SIM, ARO ;+Hg (dissolv	ECLP Semivolatile	/SIM+1,4-D SIM //S+Hg (diss)=C	S Metals+Hg, ICP-A
ustody #	Shipment for Case Complete? N Samples Transferred From Chain of Custody #	Shipment for Case Complete? N Samples Transferred From Chair	- Special Instructions: SVOA+SIM イイ <i>S</i> / <i>O</i>	Sample(s) to be used for Lab QC: SW-11-11152024 Tag 1634, SW-11-11152024-F Tag 1635 - Special Instructions: SVOA+SIM $244504 - 24450$	g 1634, SW- 2	V-11-11152024 Ta	for Lab QC: SV oxane SIM	ample(s) to be used NA 3064.0) + 1,4-Did
PH LA	11/15/2024 11:45	SW-15	1646 (HNO3) (1)	ICP-MS+Hg(21)	Grab	Surface Water/ M.Hartman	E2A05	SW-15-11152024
Pit (19	11/15/2024 10:20	SW-13	1641 (HNO3) (1)	ICP-MS+Hg (diss)(21)	Grab	Filtered Water/ M.Hartman	E2A04	SW-13-11152024- F
SH LO	11/15/2024 10:20	SW-13	1640 (HNO3) (1)	ICP-MS+Hg(21)	Grab	Surface Water/ M.Hartman	E2A03	SW-13-11152024
21 HC	11/15/2024 09:10	SW-11	1635 (HNO3) (2)	ICP-MS+Hg (diss)(21)	Grab	Filtered Water/ M.Hartman	E2A02	SW-11-11152024- F
	11/15/2024 09:10	SW-11	1634 (HNO3) (2)	ICP-MS+Hg(21)	Grab	Surface Water/ M.Hartman	E2A01	SW-11-11152024
A To	11/14/2024 15:35	SM-09	1629 (HNO3) (1)	ICP-MS+Hg (diss)(21)	Grab	Filtered Water/ M.Hartman	E2A00	SW-09-11142024- F
< 	11/14/2024 15:35	SM-09	1628 (HNO3) (1)	ICP-MS+Hg(21)	Grab	Surface Water/ M.Hartman	E29Z9	SW-09-11142024
X	11/15/2024 15:30	SE-20	1596 (None), 1597 (None), 1598 (None), 1599 (None) (4)	SVOA+SIM+1,4-D SIM(21), ARO(21), PEST(21), ICP- MS+AES+Hg(21)	Grab	Sediment/ M.Hartman	E29Z0	SE-20-0-0.5- 11152024
	11/15/2024 15:10	SE-19	1591 (None), 1592 (None), 1593 (None), 1594 (None) (4)	SVOA+SIM+1,4-D SIM(21), ARO(21), PEST(21), ICP- MS+AES+Hg(21)	Grab	Sediment/ M.Hartman	EZ9Y9	SE-19-0-0.5- 11152024
For Lab Use Only	Collection Date/Time	Location	Tag/Preservative/Bottles	Analysis/Turnaround (Days)	Coll. Method	Matrix/Sampler	CLP Sample No.	Sample Identifier
-111524-101932-0081 ance Technical Group LLC infact: Mohammad Ahmed Lab Phone: 908-789-8900	No: 5-111524-101932-0081 Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Lab Phone: 908-789-8900		878	CHAIN OF CUS IODY RECORD Case #: 51878			6111	DateShipped: 11/15/2024 CarrierName: FedEx AirbillNo: 779982416111

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SDG # E29Z5

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2.1	72.6-*1	9:08	X	11/18/24 19:00	16/16	EA	Wally Al	R
Upon Receipt	Sample Condition Upon Receipt	Date/Time	Received by (Signature and Organization)	Date/Time Receive		Relinquished by (Signature and Organization)	elinquished by (Si	Items/Reason Re
Hg=CLP ICP-	Metals+Hg, ICP-MS+	CLP ICP-MS+AES I	Analysis Key: SVOA+SIM+1,4-D SIM=CLP Semivolatiles+SIM, ARO=CLP PCB Aroclors, PEST=CLP Pesticides, ICP-MS+AES+Hg=CLP ICP-MS+AES Metals+Hg, ICP-MS+Hg=CLP iCP- MS Metals+Hg, ICP-MS+Hg (diss)=CLP ICP-MS Metals+Hg (dissolved)	PCB Aroclors, PEST=	M, ARO≕CLP (dissolved)	CLP Semivolatiles+SI	SIM+1,4-D SIM=( AS+Hg (diss)=CLI	alysis Key: SVOA+ S Metals+Hg, ICP-N
ustody #	Samples Transferred From Chain of Custody #	Samples Transferr			SIM	Special Instructions: SVOA+SIM (MA 3064.0) + 1,4-Dioxane SIM	SVOA+SIM (MA 3	ecial Instructions: (
	Complete? N	Shipment for Case Complete? N						
1	11/15/2024 15:15	SW-19	1659 (HNO3) (1)	ICP-MS+Hg (diss)(21)	Grab IO	Filtered Water/ G M.Hartman	E2A10 F	SW-19-11152024- F
<	11/15/2024 15:15	SW-19	1658 (HNO3) (1)	ICP-MS+Hg(21)	Grab	Surface Water/ G M.Hartman		SW-19-11152024
	11/15/2024 13:35	SW-17	1653 (HNO3) (1)	ICP-MS+Hg (diss)(21)	Grab (	Filtered Water/ G M.Hartman	E2A08	SW-17-11152024- F
	11/15/2024 13:35	SW-17	1652 (HNO3) (1)	ICP-MS+Hg(21)	Grab	Surface Water/ M.Hartman		SW-17-11152024
DA LA	11/15/2024 11:45	SW-15	1647 (HNO3) (1)	ICP-MS+Hg (diss)(21)	Grab	M.Hartman		500-10-11152024- F
For Lab Use Only	Collection Date/Time	Location	Tag/Preservative/Bottles	Analysis/Turnaround (Days)	Ē		0.	Sample Identifier
ntact: Mohammad Ahmed Lab Phone: 908-789-8900	Lab Contact: Mohammad Ahmed Lab Phone: 908-789-8900		51878	Case #: 51878			6111	CarrierName: FedEx AirbillNo: 779982416111
101932-00	No: 5-111524-101932-0081			CHAIN OF CUSTODT RECORD			5/2024	DateShipped: 11/15/2024
			フフビ リペンンリフ	CUAIN OF CIRT			I AR COPY	USEPA CLP COC (LAB COPY)

Page 2 of 2

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Page 1 of 1					68HERH20D0011	_	SDG # E29Z5	
USEPA CLP COC (LAB COPY) DateShipped: 11/15/2024	LAB COPY) /2024			CHAIN OF CUS	CHAIN OF CUSTODY RECORD		No: 5-111524-101332-0079 Lab: Alliance Technical Group LLC	-101332-0079
CarrierName: FedEx AirbillNo: 779982390195	с 0195			Case ≢	Case #: 51878		Lab Contact: Mohammad Ahmed Lab Phone: 908-789-8900	ntact: Mohammad Ahmed Lab Phone: 908-789-8900
Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	d Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
FB-02-11152024	E2A20	Water/ M.Hartman	Grab	SVOA+SIM+1,4-D SIM(21), ARO(21), PEST(21), ICP-MS+Hg(21)	1686 (None), 1687 (None), 1688 (None), 1689 (HNO3) (7)	FB-02	11/15/2024 09:30	TA LA
								P
					0	Shipment for Case Complete? N	Complete? N	
Special Instructions: SVOA+SIM (MA 3064.0) + 1,4-Dioxane SIM	WOA+SIM (M	A 3064.0) + 1,4-Diox	ane SIM	244533-34	(2)	bamples Transferr	Samples Transferred From Chain of Custody #	Custody #
Analysis Key: SVOA+	SIM+1,4-D SIN	<b>I</b> =CLP Semivolatiles	+SIM, ARO	=CLP PCB Aroclors, PES1	Analysis Key: SVOA+SIM+1,4-D SIM=CLP Semivolatiles+SIM, ARO=CLP PCB Aroclors, PEST=CLP Pesticides, ICP-MS+Hg=CLP ICP-MS Metals+Hg	P-MS Metals+Hg		
Items/Reason Re	linquished by	Relinquished by (Signature and Organization)	nization)	Date/Time Rece	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt	n Upon Receipt
4	meller por	ma	T	1/15/24 18:00	Ø	500 hz-91-11	マシン中	₽
							cubbdy set inter	h instat
							Trup BK- pussent	ausent

methy	Items/Reason Relinquishe	Special Instructions: SVOA+SIM (MA 3064.0) + 1,4-Dioxane SIM Analysis Key: SVOA+SIM+1,4-D SIM=CLP Semivolatiles+SIM, Al		USEPA CLP COC (LAB COPY) DateShipped: 11/15/2024 CarrierName: FedEx AirbillNo: 779988400140 Sample Identifier CLP	Page 1 of 1
methy Rofin EA	Relinquished by (Signature and Organization)	4 (MA 3064.0) + 1,4-Dio: D SIM=CLP Semivolatile		PY) Matrix/Sampler	
	anization)	kane SIM	Grab	8	
00-6) 195/14	Date/Time Received	こくくらの3- 2- CLP PCB Anodors, PEST=CL	PEST(21), ICP-MS+Hg(21)	CHAIN OF CUSTODY RECORD Case # 51878	
SU	Received by (Signature and Organization)	Special Instructions: SVOA+SIM (MA 3064.0) + 1,4-Dioxane SIM 2 イイらの子 Analysis Key: SVOA+SIM+1,4-D SIM=CLP Semivolatiles+SIM, ARO=CLP PCB Aroclors, PEST=CLP Pesticides, ICP-MS+Hg=CLP ICP-MS Metals+Hg	- agir reservative: Domes 1706 (None), 1707 (None), 1708 (None), 1709 (HNO3) (7)	DY RECORD 878	
	Date/Time	Shipment for Case Complete? N Samples Transferred From Chai	RB-SW-02		
That &	Sample Condition Upon Receipt	Shipment for Case Complete? N Samples Transferred From Chain of Custody # CP-MS Metals+Hg	Date/Time 11/15/2024 16:15	No: 5-111524-150311-0091 Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Lab Phone: 908-789-8900	
Seal Istact	1 Upon Receipt	Custody #	PA TA	Vo: 5-111524-150311-0091 ab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Lab Phone: 908-789-8900	ļ

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r analysis (vy), or one of the set invalues to its, ARO-CLF FOR Alaciars, FES I =CLF Pesticides, ICF-MS Hig=CLF ICF-MS Metals Hig	Tag/Preservative/Bottles     Location     Colle       1713 (None), 1714 (None), 715 (None), 1716 (HNO3) (7)     RB-SE-02     11/15/20       11/15/20     Investment of the second secon	USEPA CLP COC (LAB COPY)CHAIN OF CUSTODY RECORDNo: 5-1DateShipped: 11/15/2024Lab: AlliandCarrierName: FedExLab: AlliandAirbillNo: 779989407501Case #: 51878
Shipment for Case Complete? N Samples Transferred From Chain of Custody #	Collection     For Lab Use       Date/Time     Only       11/15/2024 16:30     PL4 ( P)       PL4 ( P)     PL4 ( P)	No: 5-111524-150408-0092 Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Lab Phone: 908-789-8900

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### SAMPLE LOG-IN SHEET

Lab Name : Alli	ance Technical Group	, LLO	С				Page_1_of_	8	
Received By (Pr	rint Name) Song	£		ESNON			Log-in Date	e 11/15/2	2024
Received By (Si		7	X						
Case Number	51878	SC	G	No. E2925			MA No. N/	Ά	
					1	r			1
Remarks:							Correspondir	ng	
1. Custody SeaI (s)	Present, Intact				Aqueous	5/ 			Remarks: Condition
2. Custody Seal Nos.	244511-12			EPA Sample #	Water Sample pH	Sam Tag	-	Assigned	of Sample Shipment, etc.
3. Traffic Reports/Chain Of	Present		1	E29Z1	1.6	1604		P4877-01	Intact
Custody Records			2	E29Z3	1.6	1610		P4877-02	Intact
4. Airbill	Dresent		3	E29Z5	1.6	1616		P4877-03	Intact
4. 7 mom	Present		1	E29Z7	1.6	1622		P4877-04	Intact
5. Airbill No. and	779967017584		5	E2A13	1.6	1674		P4877-05	Intact
Shipping Container ID No.	1	e	5	N/A	N/A	N/A		N/A	N/A
6. Shipping Container	Descent	2	7	N/A	N/A	N/A		N/A	N/A
Temperature	Present	8	3	N/A	N/A	N/A		N/A	N/A
Indicator Bottle		9	)	N/A	N/A	N/A		N/A	N/A
7. Shipping Container	1.6 Degree C		0	N/A	N/A	N/A		N/A	N/A
Temperature			1	N/A	N/A	N/A		N/A	N/A
8. Sample	Intact		2	N/A	N/A	N/A		N/A	N/A
Condition			3	N/A	N/A	N/A		N/A	N/A
		1	4	N/A	N/A	N/A		N/A	N/A
9. Sample Tags Sample Tag	Absent	1	5	N/A	N/A	N/A		N/A	N/A
Numbers	Listed on Traffic	1	-	N/A		N/A		N/A	N/A
10. Does information	Report	1	-	N/A		N/A		N/A	N/A
on Traffic	Yes	1	-	N/A		N/A			N/A
Reports/Chain of Custody Records			-	N/A		N/A		N/A	N/A
and Sample Tags		20	-	N/A		N/A			N/A
agree ?		2:	-+	N/A		N/A		N/A	N/A
<ol> <li>Date Received at Lab</li> </ol>	11/15/2024	22	-	N/A		N/A			N/A
12.Time Received	09:20	23	3	N/A	N/A	N/A		N/A	N/A
	03.20								

Reviewed By	(X)	Logbook No.	N/A
Date	11/17/24	Logbook Page No.	N/A

### SAMPLE LOG-IN SHEET

Lab Name : Allia	ance Technical Group	, LLC				Page_2_of_	7	
Received By (Pr	int Name) Gow	51 1	VECUM			Log-in Date	e 11/15/2	2024
Received By (Si		1	A					
Case Number	51878	SDG	No. E292	5		MA No. N	/A	
r	1							
Remarks:						Correspondi	าa	
1. Custody Seal (s)	Present, Intact			Aqueous				Remarks: Condition
2. Custody Seal Nos.	244513-14		EPA Sample #	Water Sample pH	Sam Tag	-	Assigned	of Sample Shipment, etc.
3. Traffic Reports/Chain Of	Present	1	E2A19	1.6	1684		P4877-06	Intact
Custody Records		2	N/A	N/A	N/A		N/A	N/A
4. Airbill		3	N/A	N/A	N/A		N/A	N/A
4. AUDIN	Present	4	N/A	N/A	N/A		N/A	N/A
5. Airbill No. and	779967021635	5	N/A	N/A	N/A		N/A	N/A
Shipping Container ID No.	2	6	N/A	N/A	N/A		N/A	N/A
6. Shipping Container		7	N/A	N/A	N/A		N/A	N/A
Temperature	Present	8	N/A	N/A	N/A		N/A	N/A
Indicator Bottle		9	N/A	N/A	N/A		N/A	N/A
7. Shipping Container	2.3 Degree C	10	N/A	N/A	N/A		N/A	N/A
Temperature		11	N/A	N/A	N/A		N/A	N/A
8. Sample	Intact	12	N/A	N/A	N/A		N/A	N/A
Condition		13	N/A	N/A	N/A		N/A	N/A
		14	N/A	N/A	N/A		N/A	N/A
9. Sample Tags Sample Tag	Absent	15	N/A	N/A	N/A		N/A	N/A
Numbers	Listed on Traffic	16	N/A	N/A	N/A		N/A	N/A
	Report	17	N/A	N/A	N/A		N/A	N/A
10. Does information on Traffic	Yes	18	N/A	N/A	N/A		N/A	N/A
Reports/Chain of Custody Records		19	N/A	N/A	N/A		N/A	N/A
and Sample Tags		20	N/A	N/A	N/A		N/A	N/A
agree ?		21	N/A	N/A	N/A		N/A	N/A
<ol> <li>Date Received at Lab</li> </ol>	11/15/2024	22	N/A	N/A	N/A		N/A	N/A
		23	N/A	N/A	N/A		N/A	N/A
12.Time Received	09:20							

Reviewed By	X	Logbook No. N/A
Date	11/15/20	Logbook Page No. N/A

### SAMPLE LOG-IN SHEET

Lab Name : Alli	ab Name : Alliance Technical Group, LLC						Page <u>3</u> of <u></u>		
Received By (P	rint Name) Go	158	NESMON			Log-in Date 11/15/2024			
Received By (Si		Th	2						
Case Number	51878	SDG	No. E292	25		MA No. N	/A		
			1						
Remarks:		_				Correspondi	ng		
1. Custody Seal (s)	Present, Intact			Aqueous	5			Remarks: Condition	
2. Custody Seal Nos.	244527-28		EPA Sample #	Water Sample pH	Sam Tag	•	Assigned	of Sample Shipment, etc.	
3. Traffic Reports/Chain Of	Present	1	E2A22	1.6	1699		P4877-07	Intact	
Custody Records		2	N/A	N/A	N/A		N/A	N/A	
4. Airbill		3	N/A	N/A	N/A		N/A	N/A	
4. Airoin	Present	4	N/A	N/A	N/A		N/A	N/A	
5. Airbill No. and	779967032242	5	N/A	N/A	N/A		N/A	N/A	
Shipping Container ID No.	3	6	N/A	N/A	N/A		N/A	N/A	
		- 7	N/A	N/A	N/A		N/A	N/A	
<ol> <li>Shipping Container Temperature</li> </ol>	Present	8	N/A	N/A	N/A		N/A	N/A	
Indicator Bottle		9	N/A	N/A	N/A		N/A	N/A	
7. Shipping Container	2.4 Degree C	10	N/A	N/A	N/A		N/A	N/A	
Temperature	2.4 203.000	11	N/A	N/A	N/A		N/A	N/A	
8. Sample	Intact	12	N/A	N/A	N/A		N/A	N/A	
Condition		13	N/A	N/A	N/A		N/A	N/A	
		14	N/A	N/A	N/A		N/A	N/A	
9. Sample Tags Sample Tag	Absent	15	N/A	N/A	N/A		N/A	N/A	
Numbers	Listed on Traffic	16	N/A	N/A	N/A		N/A	N/A	
	Report	17	N/A	N/A	N/A		N/A	N/A	
10. Does information on Traffic	Yes	18	N/A	N/A	N/A		N/A	N/A	
Reports/Chain of Custody Records		19	N/A	N/A	N/A		N/A	N/A	
and Sample Tags		20	N/A	N/A	N/A		N/A	N/A	
agree ?		21	N/A	N/A	N/A		N/A	N/A	
<ol> <li>Date Received at Lab</li> </ol>	11/15/2024	22	N/A	N/A	N/A		N/A	N/A	
12.Time Received		23	N/A	N/A	N/A		N/A	N/A	
12.1 mile Received	09:20								

Reviewed By	(X	Logbook No.	N/A
Date	11/15/24	Logbook Page No.	N/A

### SAMPLE LOG-IN SHEET

	ance Technical Group				Page 4		
Received By (P	rint Name) (500	SEA	JEGUON/		Log-in D	ate 11/15/2	2024
Received By (Si	gnature)	A	s /				
Case Number	51878	SDG	No. E292	:5	MA No.	N/A	
			1	1			1
Remarks:		-11			Correspor	nding	
1. Custody Seal (s)	Present, Intact						Remarks: Condition
2. Custody Seal	244520 20	-		Aqueous Water			of Sample
Nos.	244529-30		EPA	Sample	Sample	Assigned	Shipment,
3. Traffic			Sample #	рН	Tag #	Lab #	etc.
Reports/Chain Of	Present	1	E2A23	1.6	1704	P4877-08	Intact
Custody Records		2	N/A	N/A	N/A	N/A	N/A
4. Airbill	Present 3 N/A N/A N/A		N/A	N/A			
		4	N/A	N/A	N/A	N/A	N/A
<ol> <li>Airbill No. and Shipping Container ID No.</li> </ol>	779967034587	5	N/A	N/A	N/A	N/A	N/A
	4	6	N/A	N/A	N/A	N/A	N/A
5. Shipping Container		- 7	N/A	N/A	N/A	N/A	N/A
Temperature	Present	8	N/A	N/A	N/A	N/A	N/A
Indicator Bottle		9	N/A	N/A	N/A	N/A	N/A
. Shipping Container	2.1 Degree C	10	N/A	N/A	N/A	N/A	N/A
Temperature	2.1 209.000	11	N/A	N/A	N/A	N/A	N/A
8. Sample	Intact	12	N/A	N/A	N/A	N/A	N/A
Condition		13	N/A	N/A	N/A	N/A	N/A
		14	N/A	N/A	N/A	N/A	N/A
. Sample Tags Sample Tag	Absent	15	N/A	N/A	N/A	N/A	N/A
Numbers	Listed on Traffic	16	N/A	N/A	N/A	N/A	N/A
	Report	17	N/A	N/A	N/A	N/A	N/A
0. Does information on Traffic	Yes	18	N/A	N/A	N/A	N/A	N/A
Reports/Chain of Custody Records		19	N/A	N/A	N/A	N/A	N/A
and Sample Tags		20	N/A	N/A	N/A	N/A	N/A
agree ?		21	N/A	N/A	N/A	N/A	N/A
l. Date Received at Lab	11/15/2024	22	N/A	N/A	N/A	N/A	N/A
Ld0		23	N/A	N/A	N/A	N/A	N/A

Reviewed By		Logbook No.	N/A	
Date	11/15/24	Logbook Page No.	N/A	

### SAMPLE LOG-IN SHEET

Lab Name : Alli	ance Technical Group	, LLC	$\cap$			Page_5_of	8	
Received By (Pr	int Name) Capsal	1000	lere			Log-in Date	e 11/16/2	2024
Received By (Si	gnature)		-			I		
Case Number	51878	SDG	No. E29Z	5		MA No. N	/Α	
		·						
Remarks:						Correspondi	าอ	
1. Custody Seal (s)	Present, Intact			Aqueous		•		Remarks: Condition
2. Custody Seal Nos.	244509-10		EPA Sample #	Water Sample pH	Sam Tag	•	Assigned	of Sample Shipment, etc.
3. Traffic Reports/Chain Of	Present		E29Z9	1.9	1628		P4877-09	Intact
Custody Records		2	E2A01	1.9	1634		P4877-10	Intact
		3	E2A01D	1.9	1634		P4877-11	Intact
4. Airbill	Present	4	E2A01S	1.9	1634		P4877-12	Intact
5. Airbill No. and	779982416111	5	E2A03	1.9	1640		P4877-13	Intact
Shipping Container ID No.	5	6	E2A05	1.9	1646		P4877-14	Intact
	<u> </u>	7	E2A07	1.9	1652		P4877-15	Intact
<ol> <li>Shipping Container Temperature</li> </ol>	Present	8	E2A09	1.9	1658		P4877-16	Intact
Indicator Bottle		9	N/A	N/A	N/A		N/A	N/A
7. Shipping Container	2.1 Degree C	10	N/A	N/A	N/A		N/A	N/A
Temperature		11	N/A	N/A	N/A		N/A	N/A
8. Sample	Intact	12	N/A	N/A	N/A		N/A	N/A
Condition		13	N/A	N/A	N/A		N/A	N/A
		14	N/A	N/A	N/A		N/A	N/A
9. Sample Tags Sample Tag	Absent	15	N/A	N/A	N/A		N/A	N/A
Numbers	Listed on Traffic	16	N/A	N/A	N/A		N/A	N/A
	Report	17	N/A	N/A	N/A		N/A	N/A
10. Does information on Traffic	Yes	18	N/A	N/A	N/A		N/A	N/A
Reports/Chain of Custody Records		19	N/A	N/A	N/A		N/A	N/A
and Sample Tags		20	N/A	N/A	N/A		N/A	N/A
agree ?		21	N/A	N/A	N/A		N/A	N/A
<ol> <li>Date Received at Lab</li> </ol>	11/16/2024	22	N/A	N/A	N/A		N/A	N/A
		23	N/A	N/A	N/A		N/A	N/A
12.Time Received	09:05	1						

Reviewed By	UX .	Logbook No.	N/A	
Date	11 18/24	Logbook Page No.	N/A	

### SAMPLE LOG-IN SHEET

Lab Name : All	iance Technical Grou	p, LLC	0			Page_6_of	8	
Received By (P	rint Name	000	lin			Log-in Dat	e 11/16/2	2024
Received By (S								
Case Number	51878	SDG	No. E29Z	25		MA No. N	I/A	
Remarks:					1			
1. Custody Seal (s)	Present, Intact					Correspondi	ng	Remarks: Condition
2. Custody Seal Nos.	244533-34		EPA Sample #	Aqueous Water Sample pH	Sam Tag	-	Assigned	of Sample
3. Traffic Reports/Chain Of	Present	1	E2A20	1.9	1689		P4877-17	Intact
Custody Records		2	N/A	N/A	N/A		N/A	N/A
4. Airbill	Present	3	N/A	N/A	N/A		N/A	N/A
		4	N/A	N/A	N/A		N/A	N/A
5. Airbill No. and	779982390195	5	N/A	N/A	N/A		N/A	N/A
Shipping Container ID No.	6	6	N/A	N/A	N/A		N/A	N/A
5. Shipping Container	Present	- 7	N/A	N/A	N/A		N/A	N/A
Temperature Indicator Bottle	Fresenc	8	N/A	N/A	N/A		N/A	N/A
Indicator Bottle		9	N/A		N/A		N/A	N/A
. Shipping Container	1.7 Degree C	10	N/A		N/A		N/A	N/A
Temperature		11	N/A		N/A		N/A	N/A
. Sample Condition	Intact	12	N/A	N/A	N/A		N/A	N/A
Condition		13	N/A	N/A	N/A		N/A	N/A
		14	N/A	N/A	N/A		N/A	N/A
. Sample Tags Sample Tag	Absent	15	N/A	N/A	N/A		N/A	N/A
Numbers	Listed on Traffic	16	N/A	N/A	N/A		N/A	N/A
	Report	17	N/A	N/A	N/A		N/A	N/A
<ol> <li>Does information on Traffic</li> </ol>	Yes	18	N/A	N/A	N/A		N/A	N/A
Reports/Chain of Custody Records		19	N/A	N/A	N/A		N/A	N/A
and Sample Tags		20	N/A	N/A	N/A		N/A	N/A
agree ?		21	N/A	N/A I	N/A		N/A	N/A
. Date Received at Lab	11/16/2024	22	N/A	N/A I	N/A		N/A	N/A
LaU		23	N/A	N/A r	N/A		N/A	N/A

Reviewed By	0K	Logbook No.	N/A
Date	11/18/24	Logbook Page No.	N/A

### SAMPLE LOG-IN SHEET

Lab Name : Alli	ance Technical Group	, LLC	$\cap$			Page 7_of	8	
Received By (Pr	rint Name	Jave	Rona			Log-in Date	e 11/16/2	2024
Received By (Si		1000						
Case Number	51878	SDG	No. E29Z	5		MA No. N	/A	
	1	-						
Remarks:						Correspondi		
1. Custody Seal (s)	Present, Intact			Aqueous				Remarks: Condition
2. Custody Seal Nos.	244503-04		EPA Sample #	Water Sample pH	Sam Tag	-	Assigned	of Sample Shipment, etc.
3. Traffic Reports/Chain Of	Present	1	E2A24	1.9	1709		P4877-18	Intact
Custody Records		2	N/A	N/A	N/A		N/A	N/A
		3	N/A	N/A	N/A		N/A	N/A
4. Airbill	Present	4	N/A	N/A	N/A		N/A	N/A
5. Airbill No. and	779989400140	5	N/A	N/A	N/A		N/A	N/A
Shipping Container ID No.	7	6	N/A	N/A	N/A		N/A	N/A
	<u>,                                     </u>	7	N/A	N/A	N/A		N/A	N/A
<ol> <li>Shipping Container Temperature</li> </ol>	Present	8	N/A	N/A	N/A		N/A	N/A
Indicator Bottle		9	N/A	N/A	N/A		N/A	N/A
7. Shipping Container	2.0 Degree C	10	N/A	N/A	N/A		N/A	N/A
Temperature		11	N/A	N/A	N/A		N/A	N/A
8. Sample	Intact	12	N/A	N/A	N/A		N/A	N/A
Condition		13	N/A	N/A	N/A		N/A	N/A
		14	N/A	N/A	N/A		N/A	N/A
9. Sample Tags Sample Tag	Absent	15	N/A	N/A	N/A		N/A	N/A
Numbers	Listed on Traffic	16	N/A	N/A	N/A		N/A	N/A
10. D	Report	17	N/A	N/A	N/A		N/A	N/A
10. Does information on Traffic	Yes	18	N/A	N/A	N/A		N/A	N/A
Reports/Chain of Custody Records		19	N/A	N/A	N/A		N/A	N/A
and Sample Tags		20	N/A	N/A	N/A		N/A	N/A
agree ?		21	N/A	N/A	N/A		N/A	N/A
<ol> <li>Date Received at Lab</li> </ol>	11/16/2024	22	N/A	N/A	N/A		N/A	N/A
12.Time Received		23	N/A	N/A	N/A		N/A	N/A
12.1 IIIIC RECEIVED	09:05							

Reviewed By	Ch	Logbook No.	N/A	
Date	11 18/24	Logbook Page No.	N/A	

### SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC Page 8 of 🕅									
Received By (Print Name) Assessment Log-in Date 11/16/2024						2024			
Received By (Signature)									
Case Number 51878		SDG	No. E2925	5		MA No. N	/A		
Remarks:					Corresp		าต		
1. Custody Seal (s)	Present, Intact			Aqueous	le Sample Assigne			Remarks: Condition of Sample Shipment, etc.	
2. Custody Seal Nos.	244507-08		EPA Sample #	Water Sample pH			Assigned		
3. Traffic Reports/Chain Of	Present		E29S9	1.9	1716		P4877-19	Intact	
Custody Records		2	N/A	N/A	N/A		N/A	N/A	
4 4 7 1 11		3	N/A	N/A	N/A		N/A	N/A	
4. Airbill	Present	4	N/A	N/A	N/A		N/A	N/A	
5. Airbill No. and	779989407501	5	N/A	N/A	N/A		N/A	N/A	
Shipping Container ID No.	8	6	N/A	N/A	N/A		N/A	N/A	
	Present	7	N/A	N/A	N/A		N/A	N/A	
6. Shipping Container Temperature Indicator Bottle		8	N/A	N/A	N/A		N/A	N/A	
		9	N/A	N/A	N/A		N/A	N/A	
7. Shipping Container	2.1 Degree C	10	N/A	N/A	N/A		N/A	N/A	
Temperature		11	N/A	N/A	N/A		N/A	N/A	
8. Sample	Intact	12	N/A	N/A	N/A		N/A	N/A	
Condition		13	N/A	N/A	N/A		N/A	N/A	
		14	N/A	N/A	N/A		N/A	N/A	
9. Sample Tags Sample Tag	Absent	15	N/A	N/A	N/A		N/A	N/A	
Numbers	Listed on Traffic	16	N/A	N/A	N/A		N/A	N/A	
	Report	17	N/A	N/A	N/A		N/A	N/A	
<ol> <li>Does information on Traffic</li> </ol>	Yes	18	N/A	N/A	N/A		N/A	N/A	
Reports/Chain of Custody Records		19	N/A	N/A	N/A		N/A	N/A	
and Sample Tags		20	N/A	N/A	N/A		N/A	N/A	
agree ?		21	N/A	N/A	N/A		N/A	N/A	
11. Date Received at Lab	11/16/2024	22	N/A	N/A	N/A		N/A	N/A	
		23	N/A	N/A	N/A		N/A	N/A	
12.Time Received	09:05								

Reviewed By	UN.	Logbook No.	N/A
Date	11/18/24	Logbook Page No.	N/A

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

LAB NAME	Alliance Tech	nical Group, LLC		
LAB CODE	ACE			
CONTRACT NO.				
CASE NO.	51878	SDG NO.	E29Z5	
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 FROM	NOs: TO	<u>CH</u> LAB	ECK REGION
1. SDG Cover Page	1	1	✓	
2. Traffic Report/Chain of Custody Record(s)	2	10	✓	
3. Sample Log-In Sheet (DC-1)	11	18	✓	
4. CSF Inventory Sheet (DC-2)	19	21	✓	
5. SDG Narrative	22	25		
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 Cleanup Logbooks	NA	NA		
12. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	NA	NA		
<ol> <li>Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions</li> </ol>	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	26	42		
or sample analysis, laboratory QC as applicable 18. Instrument raw data by instrument in analysis order	43	453		
Other Data				
19. Standard and Reagent Preparation Logs	454	593		
20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	594	595	✓	
<ol> <li>Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks</li> </ol>	596	599	✓	
22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	

	PAGE NOs:		CHECK	
	FROM	TO	LAB	REGION
23. Extraction Logs for TCLP and SPLP	NA	NA	✓	
24. Raw GPC Data	NA	NA	✓	
25. Raw Florisil Data	NA	NA	✓	
Analysis Forms and Data (Mercury)				
26. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample	600	616	_ ✓	
or sample analysis, laboratory QC as applicable 27. Instrument raw data by instrument in analysis order	617	619	✓	
Other Data				
28. Standard and Reagent Preparation Logs	620	650	✓	
29. Original Preparation and Cleanup forms or copies of Preparation and	651	652	✓	
Cleanup Logbooks 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	653	656	✓	<u> </u>
<ol> <li>Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions</li> </ol>	NA	NA	✓	
32. Extraction Logs for TCLP and SPLP	NA	NA	1	
33. Raw GPC Data	NA	NA	✓	
34. Raw Florisil Data	NA	NA	✓	
Analysis Forms and Data (Cyanide)				
35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample	NA	NA	1	
or sample analysis, laboratory QC as applicable 36. Instrument raw data by instrument in analysis order	NA	NA	✓	<u> </u>
Other Data				
37. Standard and Reagent Preparation Logs	NA	NA	✓	
38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	NA	NA	✓	
<ol> <li>Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks</li> </ol>	NA	NA	✓	
40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	
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 Shipping/Receiving Documents					
Airbill (No. of Shipments <u>8</u> )		657	664	✓	
Sample Tags		NA	NA	✓	
Sample Log-In Sheet (Lab)		665	666	✓	
45. Misc. Shipping/Receiving Records(list all individual	records)	NA	NA	✓	
46. Internal Lab Sample Transfer Records and Tracking Sh (describe or list)	eets	667	668		
47. Other Records and related Communication Logs (describe or list)		 NA	NA		
48. Comments:					
	misha Pandya, Documen (Print Name & Title)	t Control	Officer	(Da	+ - )
Audited by: (EPA)	(riint Name & litle)			(Da	
(Signature)	(Print Name & Title)			(Da	te)



### 284 Sheffield Street Mountainside, NJ 07092

### **SDG NARRATIVE**

USEPA SDG # E29Z5 CASE # 51878 CONTRACT # 68HERH20D0011 SOW# SFAM01.1 LAB NAME: Alliance Technical Group, LLC LAB CODE: ACE LAB ORDER ID # P4877

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

17 Water samples were delivered to the laboratory intact on 11/15/2024, 11/16/2024.

#### **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 & Mercury

#### C. Cooler Temp

Indicator Bottle: Presence/Absence

Cooler: 1.6°C, 2.3°C, 2.4°C, 2.1°C, 1.7°C, 2.0°C

#### **D.** Analytical Techniques:

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

#### E. 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



### 284 Sheffield Street Mountainside, NJ 07092

### **Example Calculation For Sample E29Z1 For Arsenic:**

If C = 1.51 ppb Vf = 50 ml Vi = 50 ml DF = 1 Concentration or Result ( $\mu$ g/L) = 1.51 x  $\underline{50}$  x 1 50

 $= 1.51 \ \mu g/L$ 

=  $1.5 \,\mu g/L$  (Reported Result with Signification)

### **Calculation for Hg Water Sample:**

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

Where,

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

#### **Example Calculation For Sample E29Z7:**

If C = 0.052 ppb  
DF = 1  
Concentration or Result (
$$\mu$$
g/L) = 0.052 x 1  
= 0.052  $\mu$ g/L  
= 0.052  $\mu$ g/L (Reported Result with Signification)

### F. QA/QC

Calibrations met requirements. Interference check met requirements. Blank analyses did not indicate any presence of contamination. Laboratory Control sample was within control limits. Spike sample did meet requirements. 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.

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



### 284 Sheffield Street Mountainside, NJ 07092

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