Lab Name: Allianc	e Technical Group, LLC	Contract	68HERH20D0011	L
Lab Code: ACE	Case No.: 51879	MA No.:		SDG No.: MBHLR0
SOW No. : SFAM01.	1			
EPA Sample No.	Lab Sample Id	ICP-AES	Analysis Meth ICP-MS Mer	hod ccury Cyanide
MBHLR0	P5084-01	Х		
MBHLW6	P5084-02	Х		
MBHLW7	P5084-03	Х		
MBHLW8	P5084-04	Х		
MBHLW9	P5084-05	Х		
MBHLX0	P5084-06	X		
MBHLX1	P5084-07	Х		
MBHLX2	P5084-08	X		
MBHLX3	P5084-09	Х		
MBHLX4	P5084-10	Х		
MBHLX5	P5084-11	X		
MBHLX6	P5084-12	Х		
MBHLX7	P5084-13	X		
MBHLX7D	P5084-14	Х		
MBHLX7S	P5084-15	Х		
MBHLX8	P5084-16	Х		
MBHLX9	P5084-17	Х		
МВНМ32	P5084-18	Х		
МВНМ33	P5084-19	Х		

SDG COVER PAGE

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:

Date:

Name:

Title:

	Items/Reason Relinquished by (Signature and Organization)	Analysis Key: ICP-AES=CLP Routine - SFAM01.1/LSASD SOP C-109 Metals	Special Instructions: Samples MBHLK0 and MBHLX7 are MS/MSDs. Samples MBHLM1, MBHLM2, MBHLM3 and MBHLM5 have limited sample mass.		P177-SB-14-Z02- MBHLX4 Soil/ 06 Soil/	P177-SB-14-Z00- MBHLX3 Soil/ 02	P174-SB-06-Z30- MBHLX2 Soil/ 36	P174-SB-06-Z24- MBHLX1 Soil/ 30	P174-SB-06-Z18- MBHLX0 Soil/ 24	P174-SB-06-Z12- MBHLW9 Soil/ 18	P174-SB-06-Z06- MBHLW8 Soil/ 12	P174-SB-06-Z02- MBHLW7 Soil/ 06	P174-SB-06-Z00- MBHLW6 Soil/ 02	P178-SB-03-Z30- MBHLR0 Soil/ 36	e anti-pre tre t
	Organization) えどら ^ア	ASD SOP C-10	' are MS/MSDs.							2 - 6					
h2/20/21	ц, це ег)9 Metals	Samples MBHLM1, MBHLI		ICP-AES(35)	ICP-AES(35)	ICP-AES(35)	ICP-AES(35)	ICP-AES(35)	ICP-AES(35)	ICP-AES(35)	ICP-AES(35)	ICP-AES(35)	ICP-AES(35)	(afaal
24	Received by (Signature and Organization)		M2, MBHLM3 and MBHLM5 have		5041 (Wet ice < 6 C) (1)	5040 (Wet ice < 6 C) (1)	4592 (Wet ice < 6 C) (1)	4591 (Wet ice < 6 C) (1)	4590 (Wet ice < 6 C) (1)	4639 (Wet ice < 6 C) (1)	4638 (Wet ice < 6 C) (1)	4637 (Wet ice < 6 C) (1)	4636 (Wet ice < 6 C) (1)	5067 (Wet ice < 6 C) (1)	
	1) Date/Time (022 12-4-24		Samples Transfe	Shipment for Case Complete? N	P177-SB-14	P177-SB-14	P174-SB-06	P178-SB-03							
Custedy 5	Sample Condition Upon Receipt		Samples Transferred From Chain of Custody #	se Complete? N	11/22/2024 08:40	11/22/2024 08:40	11/20/2024 10:55	11/20/2024 10:55	11/20/2024 10:55	11/20/2024 10:55	11/20/2024 10:55	11/20/2024 10:55	11/20/2024 10:55	11/21/2024 14:05	
leal Intract	I.G.		Custody #												

CHAIN OF CUSTODY RECORD 68HERH20D0011

SDG # MBHLR0

No: 2-120324-105006-0042

USEPA CLP COC (LAB COPY) DateShipped: 12/3/2024

CarrierName: FedEx

Sample Identifier

Sample No. ĉĘ

Matrix/Sampler

Coll. Method

Analysis/Turnaround (Days)

Tag/Preservative/Bottles

Location

Collection Date/Time

For Lab Use Only

Case #: 51879 Cooler #: 3

Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed

Lab Phone: 908-789-8900

Page 3 of 4

Sample identifier Sample identifier Coll. Mathod Analysis/Turnavound Tag/Preservative/Bottles Location Collection Pi17-SB-14 11/22/2024 08:40 Pi17-SB-14 11/22/2024 08:40 Pi17-SB-14 11/22/2024 08:40 QL QL Pi17-SB-14 11/22/2024 08:40 QL QL Pi17-SB-14 11/22/2024 08:40 <	1 Totact	Custody Sea Temp Blan		24	hareoral				
ysis/Turnaround (Days) Tag/Preservative/Bottles Location ICP-AES(35) 5042 (Wet ice < 6 C) (1) P177-SB-14 11 ICP-AES(35) 5043 (Wet ice < 6 C) (1) P177-SB-14 11 ICP-AES(35) 5044 (Wet ice < 6 C) (1) P177-SB-14 11 ICP-AES(35) 5045 (Wet ice < 6 C) (1) P177-SB-14 11 ICP-AES(35) 5046 (Wet ice < 6 C) (1) P177-SB-14 11 ICP-AES(35) 5046 (Wet ice < 6 C) (1) P177-SB-14 11 ICP-AES(35) 5031 (Wet ice < 6 C) (1) P177-SB-14 11 ICP-AES(35) 5532 (Wet ice < 6 C) (1) P174-SB-06 11 ICP-AES(35) 5532 (Wet ice < 6 C) (1) P178-SB-03 11 ICP-AES(35) 5532 (Wet ice < 6 C) (1) P178-SB-03 11 ICP-AES(35) 5532 (Wet ice < 6 C) (1) P178-SB-03 11 ICP-AES(35) 5532 (Wet ice < 6 C) (1) P178-SB-03 11 ICP-AES(35) 5532 (Wet ice < 6 C) (1) P178-SB-03 11 ICP-AES(35) 5532 (Wet ice < 6 C) (1) P178-SB-03 11<	1.9.C	72-6-41	12-4-24		12/05/24	EU-SP	X	K	
ysis/Turnaround (Days) Tag/Preservative/Bottles Location Date/Time Collection Date/Time ICP-AES(35) 5042 (Wet ice < 6 C) (1) P177-SB-14 11/22/2024 08:40 ICP-AES(35) 5043 (Wet ice < 6 C) (1) P177-SB-14 11/22/2024 08:40 ICP-AES(35) 5044 (Wet ice < 6 C) (1) P177-SB-14 11/22/2024 08:40 ICP-AES(35) 5045 (Wet ice < 6 C) (1) P177-SB-14 11/22/2024 08:40 ICP-AES(35) 5046 (Wet ice < 6 C) (1) P177-SB-14 11/22/2024 08:40 ICP-AES(35) 5046 (Wet ice < 6 C) (1) P177-SB-14 11/22/2024 08:40 ICP-AES(35) 5531 (Wet ice < 6 C) (1) P177-SB-14 11/22/2024 08:40 ICP-AES(35) 5532 (Wet ice < 6 C) (1) P174-SB-06 11/26/2024 08:40 ICP-AES(35) 5532 (Wet ice < 6 C) (1) P174-SB-03 11/21/2024 14:05 ICP-AES(35) 5532 (Wet ice < 6 C) (1) P178-SB-03 11/21/2024 14:05 ICP-AES(35) 5532 (Wet ice < 6 C) (1) P178-SB-03 11/21/2024 14:05 ICP-AES(35) 5532 (Wet ice < 6 C) (1) P178-SB-03 11/21/2024 14:05 ICP-AES(35)	Upon Receipt	Sample Condition				nd Organization)	by (Signature ar	Relinquished I	Items/Reason
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CLP Sample No. Mathod Soll Coll. (Days) Tag/Preservative/Bottles (Days) Location Sol2 (Wet ice < 6 C) (1)	ustody #	• Complete? N •ed From Chain of C	Shipment for Case Samples Transfern	MBHLK0 and MBHLX7 are	Special Instructions: Samples I ave limited sample mass.	18-24 Tag 5044 - M3 and MBHLM5 h	P177-SB-14-Z 3HLM2, MBHLN	ed for Lab QC: s MBHLM1, Mi	ample(s) to be use IS/MSDs. Sample
CLP Sample No. Matrix/Sampler Sol/ Coll. Method Analysis/Turnaround (Days) Tag/Preservative/Bottles Location Date/Time MBHLX5 Sol/ ICP-AES(35) 5042 (Wet ice < 6 C) (1) P17-SB-14 11/22/2024 08:40 MBHLX7 Sol/ ICP-AES(35) 5043 (Wet ice < 6 C) (1) P17-SB-14 11/22/2024 08:40 MBHLX7 Sol/ ICP-AES(35) 5043 (Wet ice < 6 C) (1) P17-SB-14 11/22/2024 08:40 MBHLX8 Sol/ ICP-AES(35) 5044 (Wet ice < 6 C) (1) P17-SB-14 11/22/2024 08:40 MBHLX9 Sol/ ICP-AES(35) 5045 (Wet ice < 6 C) (1) P17-SB-14 11/22/2024 08:40 MBHX32 Soil/ ICP-AES(35) 5045 (Wet ice < 6 C) (1) P17-SB-14 11/22/2024 08:40 MBHM33 Soil/ ICP-AES(35) 5046 (Wet ice < 6 C) (1) P17-SB-14 11/22/2024 08:40 MBHX33 Soil/ ICP-AES(35) 5046 (Wet ice < 6 C) (1) P174-SB-06 11/22/2024 08:40 MBHX33 Soil/ ICP-AES(35) 5532 (Wet ice < 6 C) (1) P174-SB-05 11/21/2024 10:15 MBHX				ß	JAK PA				
CLP Sample No. Matrix/Sampler Soil/ Coll. Method Analysis/Turnaround (Days) Tag/Preservative/Bottles Location Date/Time Collection Date/Time MBHLX5 Soil/ Soil/ ICP-AES(35) 5042 (Wet ice < 6 C) (1) P177-SB-14 11/22/2024 08:40 MBHLX7 Soil/ Soil/ ICP-AES(35) 5043 (Wet ice < 6 C) (1) P177-SB-14 11/22/2024 08:40 MBHLX8 Soil/ ICP-AES(35) 5044 (Wet ice < 6 C) (1) P177-SB-14 11/22/2024 08:40 MBHLX9 Soil/ ICP-AES(35) 5045 (Wet ice < 6 C) (1) P177-SB-14 11/22/2024 08:40 MBHM32 Soil/ ICP-AES(35) 5046 (Wet ice < 6 C) (1) P177-SB-14 11/22/2024 08:40 MBHM33 Soil/ ICP-AES(35) 5045 (Wet ice < 6 C) (1) P177-SB-14 11/22/2024 08:40 MBHM33 Soil/ ICP-AES(35) 5046 (Wet ice < 6 C) (1) P174-SB-06 11/22/2024 08:40 MBHM33 Soil/ ICP-AES(35) 5537 (Wet ice < 6 C) (1) P174-SB-03 11/22/2024 08:40 MBHM34 Soil/ ICP-AES(35) 5532 (Wet ice < 6 C) (1)				2.23	UN 2 Cooler				
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CLP Sample No. Matrix/Sampler Coll. Method Analysis/Turnaround (Days) Tag/Preservative/Bottles Location Collection Date/Time MBHLX5 Soil/ Soil/ ICP-AES(35) 5042 (Wet ice < 6 C) (1)		11/26/2024 09:15			ICP-AES(35)		Soil/	MBHM32	P174-SB-06-Z18- 24-FD
CLP Sample No. Matrix/Sampler Coll. Method Analysis/Turnaround (Days) Tag/Preservative/Bottles Location Collection MBHLX5 Soil/ Soil/ ICP-AES(35) 5042 (Wet ice < 6 C) (1)		11/22/2024 08:40			ICP-AES(35)		Soil/	MBHLX9	P177-SB-14-Z30- 36
CLP Sample No. Matrix/Sampler Coll. Analysis/Turnaround (Days) Tag/Preservative/Bottles Location Collection MBHLX5 Soil/ Soil/ ICP-AES(35) 5042 (Wet ice < 6 C) (1)		11/22/2024 08:40			ICP-AES(35)		Soil/	MBHLX8	P177-SB-14-Z24- 30
CLP Sample No.Matrix/Sampler MethodColl. (Days)Analysis/Turnaround (Days)Tag/Preservative/Bottles 5042 (Wet ice < 6 C) (1)Location Date/TimeCollection Date/TimeMBHLX5Soil/ICP-AES(35)5042 (Wet ice < 6 C) (1)	er	11/22/2024 08:40			ICP-AES(35)		Soil/	MBHLX7	P177-SB-14-Z18- 24
CLP Matrix/Sampler Coll. Analysis/Turnaround Tag/Preservative/Bottles Location Collection Sample No. Method (Days) Tag/Preservative/Bottles Location Date/Time MBHLX5 Soil/ ICP-AES(35) 5042 (Wet ice < 6 C) (1)		11/22/2024 08:40			ICP-AES(35)		Soil/	MBHLX6	P177-SB-14-Z12- 18
CLP Matrix/Sampler Coll. Analysis/Turnaround Tag/Preservative/Bottles Location Collection Sample No. Method (Days) Tag/Preservative/Bottles Location Date/Time		11/22/2024 08:40			ICP-AES(35)		Soil/	MBHLX5	P177-SB-14-Z06- 12
	For Lab Use Only	Collection Date/Time	Location	Tag/Preservative/Bottles	Analysis/Turnaround (Days)		Matrix/Sam	CLP Sample No.	Sample Identifier
		· · !							

Page 4 of 4

DateShipped: 12/3/2024 USEPA CLP COC (LAB COPY)

CHAIN OF CUSTODY RECORD

SDG # MBHLR0

68HERH20D0011

No: 2-120324-105006-0042 Lab: Alliance Technical Group LLC

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alli	ance Technical Group	, LLC	\sim			Page_1_of_	1	
Received By (Pr	int Name	1 100	Riê			Log-in Date	e 12/4/20)24
Received By (Si			pro			_		
Case Number	51879	SDG	No. MBHL	RO		MA No. N	/A	
Remarks:						Correspondii		
1. Custody Seal (s)	Present, Intact						1	Remarks:
			×	Aqueous	5/			Condition
2. Custody Seal Nos.	<u>n/a</u>		EPA	Water	Sam	nle	Assigned	of Sample Shipment,
			Sample #	Sample pH	Tag	•	Lab #	etc.
3. Traffic Reports/Chain Of	Present	1	MBHLRO	N/A	5067		P5084-01	Intact
Custody Records		2	MBHLW6	N/A	4636		P5084-02	Intact
4. Airbill		3	MBHLW7	N/A	4637		P5084-03	Intact
4. Altoni	Present	4	MBHLW8	N/A	4638		P5084-04	Intact
5. Airbill No. and	770459379489	5	MBHLW9	N/A	4639		P5084-05	Intact
Shipping Container ID No.	1	6	MBHLX0	N/A	4590		P5084-06	Intact
		7	MBHLX1	N/A	4591		P5084-07	Intact
 Shipping Container Temperature 	Present	8	MBHLX2	N/A	4592		P5084-08	Intact
Indicator Bottle		9	MBHLX3	N/A	5040		P5084-09	Intact
7. Shipping Container	1.9 Degree C	10	MBHLX4	N/A	5041		P5084-10	Intact
Temperature		11	MBHLX5	N/A	5042		P5084-11	Intact
8. Sample	Intact	12	MBHLX6	N/A	5043		P5084-12	Intact
Condition		13	MBHLX7	N/A	5044		P5084-13	Intact
		14	MBHLX7D	N/A	5044		P5084-14	Intact
9. Sample Tags Sample Tag	Absent	15	MBHLX7S	N/A	5044		P5084-15	Intact
Numbers	Listed on Traffic	16	MBHLX8	N/A	5045		P5084-16	Intact
10. Does information	Report	17	MBHLX9	N/A	5046		P5084-17	Intact
on Traffic	Yes	18	MBHM32	N/A	5531		P5084-18	Intact
Reports/Chain of Custody Records		19	мвнмзз	N/A	5532		P5084-19	Intact
and Sample Tags		20	N/A		N/A		N/A	N/A
agree ?		21	N/A		N/A		N/A	N/A
 Date Received at Lab 	12/04/2024	22	N/A		N/A			N/A
12.Time Received	10:20	23	N/A	N/A	N/A		N/A	N/A
		1						

* Contact SMO and attach record of resolution

Reviewed By	UK,	Logbook No.	N/A	
Date	12 4 24	Logbook Page No.	N/A	

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

LAB NAME	Alliance Techni	cal Group, LLC	
LAB CODE	ACE		
CONTRACT NO.	68HERH20D0011		
CASE NO.	51879	SDG NO.	MBHLRO
MA NO.		SOW NO.	SFAM01.1
1			

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

	PAGE	NOs:	CH	IECK
	FROM	TO	LAB	REGION
1. SDG Cover Page	1	1	✓	
2. Traffic Report/Chain of Custody Record(s)	2	3	✓	
3. Sample Log-In Sheet (DC-1)	4	4	~	
4. CSF Inventory Sheet (DC-2)	5	7	✓	
5. SDG Narrative	8	10	✓	
6. Communication Logs	NA	NA	1	
7. Percent Solids Log	11	12	✓	
Analysis Forms and Data (ICP-AES)				
8. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample	13	29	- ✓	
or sample analysis, laboratory QC as applicable 9. Instrument raw data by instrument in analysis order	30	1304	1	
Other Data				
10. Standard and Reagent Preparation Logs	1305	1443	~	
11. Original Preparation and Cleanup forms or copies of Preparation and	1444	1445	✓	
Cleanup Logbooks 12. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	1446	1494		<u> </u>
 Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions 	NA	NA		<u> </u>
14. Extraction Logs for TCLP and SPLP	NA	NA	✓	
15. Raw GPC Data	NA	NA	✓	
16. Raw Florisil Data	NA	NA	✓	
Analysis Forms and Data (ICP-MS)				
17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample	NA	NA		
or sample analysis, laboratory QC as applicable 18. Instrument raw data by instrument in analysis order	NA	NA	✓	
Other Data				
19. Standard and Reagent Preparation Logs	NA	NA	~	
20. Original Preparation and Cleanup forms or copies of Preparation and	NA	NA	✓	
Cleanup Logbooks 21. Original Analysis or Instrument Run forms or copies of Analysis or	NA	NA	✓	
Instrument Logbooks 22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	

23. Extraction Logs for TCLF and SPLP TO LAB REGION 24. Raw GPC Data NA NA NA NA NA 25. Raw Florisil Data NA NA NA V		PAGE N	10s:	CH	IECK
24. Raw GPC Data NA NA YA 25. Raw Florisil Data NA NA YA 26. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA NA YA 27. Instrument raw data by instrument in analysis order NA NA YA YA 28. Standard and Reagent Preparation logs NA NA Y YA 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA Y 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA Y 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA Y 32. Extraction Logs for TCLP and SPLE NA NA Y 33. Raw GPC Data NA NA Y 34. Raw Florisil Data NA NA Y 35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA NA 35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA Y 36. Instrument raw data by instrument in analysi		FROM	ТО	LAB	REGION
25. Raw Florisil Data NA NA NA Analysis Forms and Data (Mercury) 26. Sample analysis, laboratory QC as applicable NA NA ✓ 27. Instrument raw data by instrument in analysis order NA NA ✓ 27. Instrument raw data by instrument in analysis order NA NA ✓ 28. Standard and Reagent Preparation Logs NA NA ✓ 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA ✓ 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA ✓ 31. Performance Evaluation (FE)/Proficiency Testing (FT) Sample Instructions NA NA ✓ 32. Extraction Logs for TCLP and SPLP NA NA ✓ 33. Raw GPC Data NA NA ✓ 34. Raw Florisil Data NA ✓ ✓ 35. Sample Analysis, Laboratory QC as applicable NA NA ✓ 36. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks ✓ ✓ ✓ 37. Standard and Reagent Preparation Logs NA ✓ ✓ ✓	23. Extraction Logs for TCLP and SPLP	NA	NA	✓	
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26. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA	25. Raw Florisil Data	NA	NA	✓	
or sample analysis, laboratory QC as applicable NA NA NA NA NA V 27. Instrument raw data by instrument in analysis order NA NA NA V 28. Standard and Reagent Preparation Logs NA NA V V 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA V 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA V 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA V 32. Extraction Logs for TCLP and SPLP NA NA V NA NA V 33. Raw GPC Data NA NA V NA NA V 34. Raw Florisil Data NA NA V NA NA V 35. Sample Analysis Data Forms (IA-OR, IB-OR, and I-IN) for each sample or sample analysis, laboratory QC as applicable NA NA V 36. Instrument raw data by instrument in analysis order NA NA V NA V 37. Standard and Reagent Preparation Logs NA NA V NA	Analysis Forms and Data (Mercury)				
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28. Standard and Reagent Preparation Logs NA NA NA 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA NA 30. Original Analysis or Instrument Run forms or copies of Analysis or Instructions NA NA NA NA 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA NA NA NA 32. Extraction Logs for TCLP and SPLP NA NA NA NA NA NA 33. Raw GPC Data NA NA NA NA NA NA NA 34. Raw Florisil Data NA NA <td></td> <td>NA</td> <td>NA</td> <td>✓</td> <td></td>		NA	NA	✓	
29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA<	Other Data				
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30. Original Analysis or Instrument Run forms or copies of Analysis or NA NA<		NA	NA	✓	
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		NA	NA		
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	43. Raw Florisil Data	NA	NA	✓	

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				FROM	ТО	LAB	REGION
	i tional EPA Shippi:	ng/Receiving Documents					
	Airbill (N	o. of Shipments <u>1</u>)		1495	1495	✓	
	Sample Tag	s		NA	NA	✓	
	Sample Log	-In Sheet (Lab)		1496	1497	✓	
45.	Misc. Ship	ping/Receiving Records(list all individ	lual records)	NA	NA	-	<u> </u>
46.	Internal L	ab Sample Transfer Records and Tracking	Sheets	·			
	(describe	or list)		1498	1498	_ ✓	<u> </u>
47.	Other Reco (describe	rds and related Communication Logs or list)		NA NA	NA		
48.	Comments:			·			
	mpleted by: LP Lab)	(Signature)	Nimisha Pandya, Doct (Print Name & Title		Officer	- (Da	te)
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		(Signature)	(Print Name & Title	e)		(Da	te)



284 Sheffield Street Mountainside, NJ 07092

SDG NARRATIVE

USEPA SDG # MBHLR0 CASE # 51879 CONTRACT # 68HERH20D0011 SOW# SFAM01.1 LAB NAME: Alliance Technical Group, LLC LAB CODE: ACE LAB ORDER ID # P5084

A. Number of Samples and Date of Receipt

17 Soil samples were delivered to the laboratory intact on 12/04/2024.

B. Parameters

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

C. Cooler Temp

Indicator Bottle: Presence/Absence

Cooler: 1.9°C

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

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

E. Corrective Action taken for above:

Resolution: 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.

Inter Element correction factors (IECs) are determined annually and correction factor are applied during ICP-AES analysis.



G. Calculation:

Calculation for ICP-AES Soil Sample:

Conversion of Results from mg/L or ppm to mg/kg (Dry Weight Basis):

Concentration (mg/kg) =
$$C \times \frac{Vf}{W \times S} \times DF$$

Where,

C = Instrument value in ppm (The average of all replicate exposures)
Vf = Final digestion volume (mL)
W = Initial aliquot amount (g) (Sample amount taken in prep)
S = % Solids / 100 (Fraction of Percent Solids)
DF = Dilution Factor

Example Calculation For Sample MBHLR0 For Antimony:

If C = 0.0491053 ppm Vf = 100 ml W = 1.36 g S = 0.872(87.2/100) DF = 1 Concentration (mg/kg) = 0.0491053 x 100 $1.36 \ge 0.872$ x 1 = 4.14069 mg/kg

= 4.1 mg/kg (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 requirement Antimony, Selenium, Silver, Thallium. Duplicate sample did meet requirements. Serial Dilution did meet requirements Cobalt, Copper.

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.



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



PERCENT SOLID

Supervisor: Iwona Analyst: jignesh Date: 12/6/2024

OVENTEMP IN Celsius (°C): 107 Time IN: 14:40 In Date: 12/05/2024 Weight Check 1.0g: 1.00 Weight Check 10g: 10.00 OvenID: M OVEN#1 OVENTEMP OUT Celsius (°C): 103 Time OUT: 08:14 Out Date: 12/06/2024 Weight Check 1.0g: 1.00 Weight Check 10g: 10.00 BalanceID: M SC-4 Thermometer ID: % SOLID- OVEN

QC:LB133763

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g)(B)	Dish+Dry Sample Wt(g)(C)	% Solid	Comments
P5084-01	MBHLR0	1	1.17	8.52	9.69	8.6	87.2	
P5084-02	MBHLW6	2	1.14	8.74	9.88	8.08	79.4	
P5084-03	MBHLW7	3	1.14	8.68	9.82	8.39	83.5	
P5084-04	MBHLW8	4	1.13	8.45	9.58	8.65	89.0	
P5084-05	MBHLW9	5	1.16	8.77	9.93	9.43	94.3	
P5084-06	MBHLX0	6	1.16	8.54	9.7	9.15	93.6	
P5084-07	MBHLX1	7	1.16	8.65	9.81	9.21	93.1	
P5084-08	MBHLX2	8	1.14	8.48	9.62	9.19	94.9	
P5084-09	MBHLX3	9	1.14	8.61	9.75	7.73	76.5	
P5084-10	MBHLX4	10	1.14	8.78	9.92	8.58	84.7	
P5084-11	MBHLX5	11	1.14	8.60	9.74	8.92	90.5	
P5084-12	MBHLX6	12	1.12	8.54	9.66	9.00	92.3	
P5084-13	MBHLX7	13	1.15	8.55	9.7	9.12	93.2	
P5084-14	MBHLX7D	14	1.15	8.55	9.7	9.12	93.2	
P5084-15	MBHLX7S	15	1.15	8.55	9.7	9.12	93.2	
P5084-16	MBHLX8	16	1.16	8.57	9.73	9.14	93.1	
P5084-17	MBHLX9	17	1.13	8.77	9.9	9.27	92.8	
P5084-18	МВНМ32	18	1.12	8.42	9.54	9.02	93.8	
P5084-19	МВНМ33	19	1.16	8.63	9.79	7.57	74.3	

$ \text{Solid} = \frac{(C-A) \times 100}{(B-A)} $		$\frac{1}{2}$ Solid = $\frac{1}{(R-\lambda)}$
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Chain)
Internal
Hardcopy
KLIST(F
NOR

WorkList Name: %1-P5084

WorkList ID: 186015

69769-90

Sample								07.04.01 4707-00 4
	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage	Collect Date Method	Method
P5084-01	MBHLRO							
DEURA 00		pilos	Percent Solids	Cool 4 deg C	USEP01	C31	11/21/2024	Chamtach
Zn-tone	MBHLW6	Solid	Percent Solids	Cool 4 dea C	LISED01	100	420211211	Olientiech - 50
P5084-03	MBHLW7	Solid	Percent Solids	Cool 4 doc 0		131	11/20/2024	Chemtech -SO
P5084-04	MBHLW8	Solid	Deroont Calida		USEP01	C31	11/20/2024	Chemtech -SO
P5084-05	MBHLW9	rije:		Cool 4 deg C	USEP01	C31	11/20/2024	Chemtech -SO
P5084-06	MBHLX0		Percent Solids	Cool 4 deg C	USEP01	C31	11/20/2024	Chemtech -SO
P5084-07	MBHLX1		Percent Solids	Cool 4 deg C	USEP01	C31	11/20/2024	Chemtech -SO
P5084-08	MBHI V2	PIIOS	Percent Solids	Cool 4 deg C	USEP01	C31	11/20/2024	Chemtach _SO
P5084_00		Solid	Percent Solids	Cool 4 deg C	USEP01	C31	11/20/2024	Chamtach CO
	MBHLX3	Solid	Percent Solids	Cool 4 deg C	USEP01	C31	11/00/0001	
P5084-10	MBHLX4	Solid	Percent Solids	Cool 4 dea C		8	11/22/2024	Chemtech -SO
P5084-11	MBHLX5	Solid	Percent Solide		USEP01	C31	11/22/2024	Chemtech -SO
P5084-12	MBHLX6			Cool 4 deg C	USEP01	C31	11/22/2024	Chemtech -SO
P5084-13	MBHL X7			Cool 4 deg C	USEP01	C31	11/22/2024	Chemtech -SO
P5084-14	MBHI X7D		Percent Solids	Cool 4 deg C	USEP01	C31	11/22/2024	Chemtech -SO
P5084-15	MBHI V76		Percent Solids	Cool 4 deg C	USEP01	C31	11/22/2024	Chemtech - SO
DED04 10		Solid	Percent Solids	Cool 4 deg C	USEP01	C31	11/22/2024	Co 4-chard
	MBHLX8	Solid	Percent Solids	Cool 4 deg C	LISED01	234		
P5084-17	MBHLX9	Solid	Percent Solids	Cool 4 doc 0		120	11/22/2024	Chemtech -SO
P5084-18	MBHM32	Solid	Percent Solids		USEP01	C31	11/22/2024	Chemtech -SO
P5084-19	MBHM33				USEP01	C31	11/26/2024	Chemtech -SO
			Percent Solids	Cool 4 deg C	USEP01	C31	11/21/2024	Chemtech CO

5 Date/Time 2/05/24 14 14 15 Raw Sample Received by: \mathcal{W} (UUC) Raw Sample Relinquished by:

74445 S Raw Sample Relinquished by: Date/Time 221 05/24 Raw Sample Received by:

Page 1 of 1