Lab Name: Alliance	e Technical Group, LLC	Contract	t: 68HERH2	0D0011	
Lab Code: ACE	Case No.: 51879	MA No.:			SDG No.: MBHHB2
SOW No. : SFAM01.	1				
				s Method	
EPA Sample No.	Lab Sample Id	ICP-AES	ICP-MS	Mercury	Cyanide
МВННВ2	P4906-01	Х			
МВННВЗ	P4906-02	Х			
MBHHB3D	P4906-03	X			
MBHHB3S	P4906-04	Х			
MBHHB4	P4906-05	Х			
МВННВ5	P4906-06	Х			
MBHHD8	P4906-07	Х			
мвннд9	P4906-08	Х			
МВННЕ0	P4906-09	X			
MBHHE2	P4906-11	Х			
MBHHE3	P4906-12	Х			
МВНН98	P4906-13	Х			
мвнн99	P4906-14	Х			
мвнна0	P4906-15	Х			
MBHHA1	P4906-16	Х			
МВННА2	P4906-17	Х			
мвнназ	P4906-18	Х			
MBHHA4	P4906-19	Х			
МВННВ6	P4906-20	X			
МВННВ7	P4906-21	X			
МВННВ8	P4906-22	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:	Name:
Date:	Title:

the prese	Custody seal inter Temp Black pres		m2/51/1)	A.V.				
1 26.4	* XR Contr	11-10-24 11-10-24	R			Relinquished by Signature and Organization	Relinquished	Items/Reason 1 Cooler
on Upon Receipt	Sample Condition Upon Receipt	_	Received by (Signature and Organization)	Time		Ine - SFAMUT. I/L	AES=CLP Rou	Analysis Key: ICP-AES=CLP Routine - SFAMUT: Incompation) Date/
Custody #	Samples Transferred From Chain of Custody #	Samples Transfe)3 - Special Instructions:	Sample(s) to be used for Lab QC: P098-SB-07-Z02-06 Tag 1015, P130-SB-12-Z06-12 Tag 1303 - Special Instructions: Additional sample volume provided for MBHHB3 and MBHHE1 is for MS/MSD.	06 Tag 1015, P I MBHHE1 is for	P098-SB-07-Z02-	ed for Lab QC: volume provided	Sample(s) to be use Additional sample v
	e Complete? N	Chinmont for Case Complete? N						24
1	11/14/2024 12:22	P130-SB-12	1305 (Wet ice < 6 C) (1)	ICP-AES(35)		Soil	MBHHE3	18 P130-SB-12-Z18-
	11/14/2021	P130-SB-12	1304 (Wet ice < 6 C) (1)	ICP-AES(35)		Soil/	MBHHE2	12 P130-SB-12-Z12-
			1303 (Wet ice < 6 C) (2)	ICP-AES(35)		Soil/	MBHHE1	P130-SB-12-Z06-
	111110004 10.00			ICP-AES(35)		Soil/	MBHHEO	P130-SB-12-Z02-
	11/14/2024 12:22	P130-SB-12		ICF-AES(33)		Soil/	MBHHD9	P130-SB-12-Z00- 02
	11/14/2024 12:22	P130-SB-12	1301 (Met ine < 6 C) (1)			Soil	MBHHD8	P098-SB-07-Z06- 12-FD
	11/13/2024 11:45	P098-SB-07	5425 (Wet ice < 6 C) (1)	ICP-AFS(35)				P098-S6-07-212- 18
\	11/13/2024 11:45	P098-SB-07	1017 (Wet ice < 6 C) (1)	ICP-AES(35)		Soil	MBHHBS	12
	11/13/2024 11:45	P098-SB-07	1016 (Wet ice < 6 C) (1)	ICP-AES(35)		Soil	MBHHB4	06 P098-SB-07-Z06-
8	1/10/2024 11:40	/n-98-860d	1015 (Wet ice < 6 C) (2)	ICP-AES(35)		Soil/	MBHHB3	02 P098-SB-07-Z02-
200	44/42/00024 11-45		1014 (Wet ice < 6 C) (1)	ICP-AES(35)		Soil/	MBHHB2	P098-SB-07-Z00-
Por Lao 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 Contact: Mohammad Anmed Lab Phone: 908-789-8900	-	1879 #: 2	Case #: 51879 Cooler #: 2			2024 1595	DateShipped: 11/15/2024 CarrierName: FedEx AirbillNo: 7799 8944 1595
cal Group LLC	Lab: Alliance Technical Group LLC			CHAIN OF CUSTOUT RECORD			AB COPY)	USEPA CLP COC (LAB COPY)
50524-0003	No: 2-111524-150524-0003	1						Page 1 of 2

Page 1 of 2

68HERH20D0011

No: 2-111524-150524-0003

SDG # MBHHB2

Page 1 of 2 USEPA CLP COC (LAB COPY) DateShipped: 11/15/2024 CarrierName: FedEx AirbillNo: 7799 8944 0382	L <mark>AB COPY)</mark> 2024 0382			CHAIN OF C	CHAIN OF CUSTODY RECORD Case #: 51879 Cooler #: 3	ERH20D0011	No: 2-111524-153400-0004 Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Lab Phone: 908-789-8900	111524-153400-0004 ance Technical Group LLC ontact: Mohammad Ahmed Lab Phone: 908-789-8900
Cample Identifier	CLP	Matrix/Sampler	Coll.	Analysis/Turnaround	ound Tag/Preservative/Bottles	es Location	Collection Date/Time	For Lab Use Only
	Sample No.	2	Method	(Days)	i) 1340 (Wet ice < 6 C) (1)	1) P136-SB-15	11/13/2024 13:50	١
P136-SB-15-Z00- 02	MBHH98	Soil/			1341 (Wet ice <	1) P136-SB-15	11/13/2024 13:50	
P136-SB-15-Z02- 06	MBHH99	Soil/		ICP-AEO(30)			11/13/2024 13:50	٠ .
P136-SB-15-Z06-	MBHHAO	Soil/		ICP-AES(39)			11/13/2024 13:50	
P136-SB-15-Z12-	MBHHA1	Soil/		ICP-AES(35)	5) 1343 (Wet ice < 6 C) (1)			
18 	MBHHA2	Soil/		ICP-AES(35)	5) 1344 (Wet ice < 6 C) (1)		11/13/2024 13:50	1
24 24 24	MBHHA3	Soil		ICP-AES(35)	5) 1345 (Wet ice < 6 C) (1)	(1) P136-SB-15	11/13/2024 13:50	1
30 30	MRHHA4	Soil/		ICP-AES(35)	5) 1346 (Wet ice < 6 C) (1)	(1) P136-SB-15	11/13/2024 13:50	1
P097-SB-18-Z00-	MBHHB6	Soil		ICP-AES(35)	5) 1007 (Wet ice < 6 C) (1)	(1) P097-SB-18	11/13/2024 11:20	
02 P097-SB-18-Z02-	MBHHB7	Soil/		ICP-AES(35)	5) 1008 (Wet ice < 6 C) (1)	(1) P097-SB-18	11/13/2024 11:20	
06	MEHHBA	Soil		ICP-AES(35)	5) 1009 (Wet ice < 6 C) (1)	(1) P097-SB-18	11/13/2024 11:20	1
12						Shinment for C	Shinment for Case Complete? N	
Special Instruction	s: MBHHF0 an	Special Instructions: MBHHF0 and MHBBF1 are rinse blanks	e blanks.			Samples Trans	Samples Transferred From Chain of Custody #	of Custody #
Analysis Key: ICP-	AES=CLP Rou	Analysis Key: ICP-AES=CLP Routine - SFAM01.1/LSASD SOP C-109 Metals	SASD SOP C-1	109 Metals				tion I mon Rece
Items/Reason	Relinquished	Relinquished by (Signature and Organization)	Organization)	Date/Time	Received by Signature and Organ	Organization) Date/Time	20	
1 Cooler	SA	S	- EU-SP	10:55 10:55	CR 1	11-16-2	+ The	
ſ				In		ANA	Custoky	Sent In
					h2/51/11		Topby	-E pres

No: 2-111524-153400-0004 SDG # MBHHB2

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alli	ance Technical Group,	, LLC	0			Page 1 of	2	
Received By (Pr	int Name	ana	leic			Log-in Date	e 11/16/2	2024
Received By (Si	gnature)		- tere					
Case Number	51879	SDG	No. МВНН	(B2		MA No. N	/Α	
L	1			-	4			
Remarks:						Correspondi	חם	
1. Custody Seal (s)	Present, Intact			Aqueous				Remarks: Condition
2. Custody Seal Nos.	<u>n/a</u>		EPA Sample #	Water Sample pH	Sam		Assigned	of Sample Shipment, etc.
3. Traffic Reports/Chain Of	Present	1	МВННВ2	N/A	1014		P4906-01	Intact
Custody Records		2	МВННВЗ	N/A	1015		P4906-02	Intact
4. Airbill	Descent	3	мвннвзр	N/A	1015		P4906-03	Intact
T. AILUIL	Present	4	MBHHB3S	N/A	1015		P4906-04	Intact
5. Airbill No. and	779989441595	5	МВННВ4	N/A	1016		P4906-05	Intact
Shipping Container ID No.	1	6	МВННВ5	N/A	1017		P4906-06	Intact
6 Shinning Container		7	MBHHD8	N/A	5425		P4906-07	Intact
 Shipping Container Temperature 	Present	8	мвннд9	N/A	1301		P4906-08	Intact
Indicator Bottle		9	МВННЕ0	N/A	1302		P4906-09	Intact
7. Shipping Container	2.6 Degree C	10	MBHHE2	N/A	1304		P4906-11	Intact
Temperature		11	мвннез	N/A	1305		P4906-12	Intact
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. Does information	Report	17	N/A		N/A		N/A	N/A
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
agree ?		21	N/A		N/A			N/A
11. Date Received at Lab	11/16/2024	22	N/A		N/A			N/A
12.Time Received	00:05	23	N/A	N/A	N/A		N/A	N/A
	09:05							

* Contact SMO and attach record of resolution

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

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Allia	ance Technical Group,	, L	LC	<u></u>			Page_2_of_	2_	
Received By (Pri	int Name)	- a		lone			Log-in Date	11/16/2	2024
Received By (Sig		-		2.0					
Case Number	51879	S	DG	No. МВННЕ	32		MA No. N/	A	
	r	,	_			1			1
Remarks:							Correspondir	ng	
1. Custody Seal (s)	Present, Intact				Aqueous				Remarks: Condition
2. Custody Seal Nos.	<u>n/a</u>			EPA Sample #	Water Sample pH	Sarr Tag	•	Assigned Lab #	of Sample Shipment, etc.
3. Traffic Reports/Chain Of	Present		1	МВНН98	N/A	1340		P4906-13	Intact
Custody Records			2	МВНН99	N/A	1341		P4906-14	Intact
4. Airbill			3	МВННАО	N/A	1342		P4906-15	Intact
4. Andin	Present		4	MBHHA1	N/A	1343		P4906-16	Intact
5. Airbill No. and	779989440382		5	MBHHA2	N/A	1344		P4906-17	Intact
Shipping Container ID No.	2		6	МВННАЗ	N/A	1345		P4906-18	Intact
			7	МВННА4	N/A	1346		P4906-19	Intact
 Shipping Container Temperature 	Present		8	МВННВ6	N/A	1007		P4906-20	Intact
Indicator Bottle			9	МВННВ7	N/A	1008		P4906-21	Intact
7. Shipping Container	2.3 Degree C		10	МВННВ8	N/A	1009		P4906-22	Intact
Temperature	2.5 Dogioe e		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	Absent		15	N/A	N/A	N/A		N/A	N/A
Sample Tag 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
 Does information on Traffic 	Yes		18	N/A	N/A	N/A		N/A	N/A
Reports/Chain of		ļ	19	N/A	N/A	N/A		N/A	N/A
Custody Records and Sample Tags		ļ	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			N/A		N/A		N/A	N/A
12.Time Received	09:05	$\left \right $	23	N/A	N/A	N/A		N/A	N/A
		Į							

* Contact SMO and attach record of resolution

Reviewed By	Ch	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 Techni	cal Group, LLC	
LAB CODE	ACE		
CONTRACT NO.	68HERH20D0011		
CASE NO.	51879	SDG NO.	мвннв2
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	NOs:	CH	IECK
	FROM	ТО	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	5	1	
4. CSF Inventory Sheet (DC-2)	6	8	✓	
5. SDG Narrative	9	10	1	
6. Communication Logs	NA	NA	✓	
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	31	✓	
or sample analysis, laboratory QC as applicable 9. Instrument raw data by instrument in analysis order	32	757	✓	
Other Data				
10. Standard and Reagent Preparation Logs	758	899	✓	
11. Original Preparation and Cleanup forms or copies of Preparation and	900	901	✓	
Cleanup Logbooks 12. Original Analysis or Instrument Run forms or copies of Analysis or	902	919	✓	<u> </u>
Instrument Logbooks 13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	- <u> </u>
14. Extraction Logs for TCLP and SPLP	NA	NA	1	
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	1	
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 Instrument Logbooks	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	TO	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	✓	
Analysis Forms and Data (Mercury) 26. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA NA ✓ 27. Instrument raw data by instrument in analysis order NA NA ✓ Other Data 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 (PE)/Proficiency Testing (PT) Sample Instructions NA NA ✓ 32. Extraction Logs for TCLP and SPLP NA NA ✓ ✓ 33. Raw GPC Data NA NA ✓ ✓ 34. Raw Florisil Data NA NA ✓ ✓ 35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-TN) for each sample or sample analysis, laboratory QC as applicable NA NA ✓ 36. Instrument raw data by instrument in analysis order NA NA ✓ ✓ 36. Joriginal Preparation Logs NA NA ✓ ✓ 37. Standard and Reagent Preparat	24. Raw GPC Data	NA	NA	_ ✓	
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)				
27. Instrument raw data by instrument in analysis order NA NA NA ✓ Other Data 28. Standard and Reagent Preparation Logs NA NA ✓ 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA ✓ 29. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA ✓ 30. Original Analysis or Instrument Run forms or copies of Analysis or Instructions NA NA ✓ 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA ✓ 32. Extraction Logs for TCLP and SPLF NA NA ✓ ✓ 33. Raw GPC Data NA NA ✓ ✓ 34. Raw Florisil Data NA NA ✓ ✓ Analysis Forms and Data (Cyanide) ✓ ✓ ✓ ✓ 35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA NA ✓ 36. Instrument raw data by instrument in analysis order NA NA ✓ 37. Standard and Reagent Preparation Logs NA NA ✓ ✓ <tr< td=""><td></td><td>NA</td><td>NA</td><td>✓</td><td></td></tr<>		NA	NA	✓	
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				
Cleanup Logbooks NA NA NA 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA NA 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA NA NA 32. Extraction Logs for TCLP and SPLP NA NA NA NA NA 33. Raw GPC Data NA NA NA NA NA NA 34. Raw Florisil Data NA NA NA NA NA NA Analysis Forms and Data (Cyanide) Sample Analysis, laboratory QC as applicable NA NA NA NA 36. Instrument raw data by instrument in analysis order NA NA NA NA NA 37. Standard and Reagent Preparation Logs NA NA NA NA NA 38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA NA NA 39. Original Analysis or Instrument Run forms or copies of Analysis or Instructions NA NA V NA NA 31. Extraction Logs for TCLP and SPLP NA NA V NA	28. Standard and Reagent Preparation Logs	NA	NA	✓	
30. Original Analysis or Instrument Run forms or copies of Analysis or NA NA<		NA	NA	✓	
31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA NA 32. Extraction Logs for TCLP and SPLP NA NA NA NA 33. Raw GPC Data NA NA NA NA NA 34. Raw Florisil Data NA NA NA NA NA Analysis Forms and Data (Cyanide) Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA NA NA 36. Instrument raw data by instrument in analysis order NA NA NA Other Data 33. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks 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	30. Original Analysis or Instrument Run forms or copies of Analysis or	NA	NA		
32. Extraction Logs for TCLP and SPLP NA NA NA 33. Raw GPC Data NA NA NA NA 34. Raw Florisil Data NA NA NA NA Analysis Forms and Data (Cyanide) NA NA 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 NA NA 36. Instrument raw data by instrument in analysis order NA NA NA NA Other Data 37. Standard and Reagent Preparation Logs NA NA NA ✓ 37. Standard and Reagent Preparation Logs NA NA V	31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample	NA	NA	✓	·
34. Raw Florisil Data NA NA NA Analysis Forms and Data (Cyanide) 35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA NA NA ✓ 36. Instrument raw data by instrument in analysis order NA NA ✓		NA	NA	_ ✓	
Analysis Forms and Data (Cyanide) 35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 36. Instrument raw data by instrument in analysis order NA NA Other Data 37. Standard and Reagent Preparation Logs NA 38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA 41. Extraction Logs for TCLP and SPLP NA 42. Raw GPC Data NA	33. Raw GPC Data	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 NA ✓ 36. Instrument raw data by instrument in analysis order NA NA ✓ 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 ✓ 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks 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 ✓	34. Raw Florisil Data	NA	NA	✓	
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41. Extraction Logs for TCLP and SPLP NA NA ✓ 42. Raw GPC Data NA NA ✓	40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample	NA	NA	✓	
		NA	NA		
43. Raw Florisil Data NA NA 🖌	42. Raw GPC Data	NA	NA	✓	
	43. Raw Florisil Data	NA	NA	✓	

				PAGE	NOs:	CH	IECK
				FROM	TO	LAB	REGION
	itional EPA Shippi	ng/Receiving Documents					
	Airbill (N	o. of Shipments)		920	921	✓	
	Sample Tag	s		NA	NA	✓	
	Sample Log	-In Sheet (Lab)		922	923	✓	
45.	Misc. Ship	ping/Receiving Records(list all indiv	idual records)	NA	NA	√	·
46.	Internal L (describe	ab Sample Transfer Records and Trackin or list)	ng Sheets	924	924	✓	
47.	Other Reco (describe	rds and related Communication Logs					
				NA	NA	✓	<u> </u>
48.	Comments:						
	mpleted by: LP Lab)		Nimisha Pandya, Docu (Print Name & Title		Officer		
	dited by: PA)	(Signature)	(Print Name & Title)		(Da	Le)
		(Signature)	(Print Name & Title)		(Da	te)



284 Sheffield Street Mountainside, NJ 07092

SDG NARRATIVE

USEPA SDG # MBHHB2 CASE # 51879 CONTRACT # 68HERH20D0011 SOW# SFAM01.1 LAB NAME: Alliance Technical Group, LLC LAB CODE: ACE LAB ORDER ID # P4906

A. Number of Samples and Date of Receipt

19 Soil samples were delivered to the laboratory intact on 11/16/2024

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: 2.6° C, 2.3° C

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

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

E. Corrective Action taken for above:

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

F. Analytical Techniques:

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

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



284 Sheffield Street Mountainside, NJ 07092 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 MBHHB2 For Antimony:

If C = 0.0068245 ppm Vf = 100 ml W = 1.21 g S = 0.794(79.4/100) DF = 1 Concentration (mg/kg) = 0.0068245 x 100 x 1 1.21×0.794 = 0.710337 mg/kg = 0.71 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 requirements except for Silver, Zinc. Duplicate sample did meet. Serial Dilution did meet requirements.

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: 11/19/2024

OVENTEMP IN Celsius(°C): 107 Time IN: 16:10 In Date: 11/18/2024 Weight Check 1.0g: 1.00 Weight Check 10g: 10.00 OvenID: M OVEN#1 OVENTEMP OUT Celsius (°C): 103 Time OUT: 08:11 Out Date: 11/19/2024 Weight Check 1.0g: 1.00 Weight Check 10g: 10.00 BalanceID: M SC-4 Thermometer ID: % SOLID- OVEN

QC:LB133495

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
P4906-01	МВННВ2	1	1.17	8.40	9.57	7.84	79.4	
P4906-02	МВННВЗ	2	1.16	8.68	9.84	7.58	74.0	
P4906-03	МВННВЗD	3	1.16	8.68	9.84	7.58	74.0	
P4906-04	МВННВЗЅ	4	1.16	8.68	9.84	7.58	74.0	
P4906-05	МВННВ4	5	1.15	8.63	9.78	8.18	81.5	
P4906-06	МВННВ5	6	1.19	8.59	9.78	8.87	89.4	
P4906-07	MBHHD8	7	1.18	8.44	9.62	8.05	81.4	
P4906-08	МВННD9	8	1.17	8.80	9.97	7.36	70.3	
P4906-09	МВННЕ0	9	1.18	8.45	9.63	7.57	75.6	
P4906-11	MBHHE2	10	1.15	8.84	9.99	8.54	83.6	
P4906-12	МВННЕЗ	11	1.15	8.82	9.97	8.63	84.8	
P4906-13	МВНН98	12	1.15	8.82	9.97	7.73	74.6	
P4906-14	МВНН99	13	1.18	8.42	9.6	7.97	80.6	
P4906-15	мвнна0	14	1.14	8.41	9.55	8.24	84.4	
P4906-16	МВННА1	15	1.19	8.55	9.74	8.33	83.5	
P4906-17	МВННА2	16	1.19	8.53	9.72	8.58	86.6	
P4906-18	МВННАЗ	17	1.19	8.60	9.79	8.54	85.5	
P4906-19	МВННА4	18	1.12	8.70	9.82	8.95	90.0	
P4906-20	МВННВ6	19	1.14	8.42	9.56	7.6	76.7	
P4906-21	МВННВ7	20	1.16	8.69	9.85	8.16	80.6	
P4906-22	МВННВ8	21	1.14	8.56	9.7	8.18	82.2	

$ \text{Solid} = \frac{(C-A) * 100}{(B-A)} $
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			WORKLIST(Ha	WORKLIST(Hardcopy Internal Chain)	ain)	1 CM	Spheer CM	
WorkList Name :	%1-p4906	WorkList ID :	ID : 185541	Department :	Wet-Chemistry		Date : 11-18-20	11-18-2024 15-00-04
Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4906-01	MBHHB2	Solid	Percent Solids	Cool 4 door				
P4906-02	MBHHB3	Solid	Percent Solido	coult 4 aeg C	USEP01	Q12	11/13/2024	Chemtech -SO
P4906-03	MBHHB3D	Solid	Percent Solids	Cool 4 deg C	USEP01	Q12	11/13/2024	Chemtech -SO
P4906-04	MBHHB3S	Solid	Percent Solids	Cool 4 deg C	USEP01	Q12	11/13/2024	Chemtech -SO
P4906-05	MBHHB4	Solid	Percent Solids	Cool 4 deg C	USEP01	Q12	11/13/2024	Chemtech -SO
P4906-06	MBHHB5	Solid		COOI 4 deg C	USEP01	Q12	11/13/2024	Chemtech -SO
P4906-07	MBHHD8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q12	11/13/2024	Chemtech -SO
P4906-08	MBHHD9	Solid		Cool 4 deg C	USEP01	Q12	11/13/2024	Chemtech -SO
P4906-09	MBHHE0	Solid Solid	Dercent Solids	Cool 4 deg C	USEP01	Q12	11/14/2024	Chemtech -SO
P4906-11	MBHHE2			Cool 4 deg C	USEP01	Q12	11/14/2024	Chemtech -SO
P4906-12	MRHHE3		Percent Solids	Cool 4 deg C	USEP01	Q12	11/14/2024	Chemtech -SO
P4906-13	MBHH08	Solid	Percent Solids	Cool 4 deg C	USEP01	Q12	11/14/2024	Chemtech -SO
P4906-14	MBHH99	Solid	Percent Solids	Cool 4 deg C	USEP01	Q12	11/13/2024	Chemtech -SO
P4906-15	MBHHAD	Solid	Percent Solids	Cool 4 deg C	USEP01	Q12	11/13/2024	Chemtech -SO
P4906-16	MBHHA1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q12	11/13/2024	Chemtech -SO
P4906-17	MBHHA2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q12	11/13/2024	Chemtech -SO
P4906-18	МВННАЗ	bilos	Percent Solids	Cool 4 deg C	USEP01	Q12	11/13/2024	Chemtech -SO
P4906-19	MBHHA4			Cool 4 deg C	USEP01	Q12	11/13/2024	Chemtech -SO
P4906-20	MBHHB6			Cool 4 deg C	USEP01	Q12	11/13/2024	Chemtech -SO
P4906-21			Percent Solids	Cool 4 deg C	USEP01	Q12	11/13/2024	Chemtech -SO
P4906-22			Percent Solids	Cool 4 deg C	USEP01	Q12	11/13/2024	Chemtech -SO
1		Solid	Percent Solids	Cool 4 deg C	USEP01	Q12	11/13/2024	Chemtech -SO
Date/Time	9	Ĩ			Date/Time	11-18-24)(J(")(
Raw Sample Relinquished hv	ished hv:	Ĩ.			Raw Sample Received by:	Received by:	00	
		1	Page	Page 1 of 1	Raw Sample F	Raw Sample Relinquished by:	95	8 wercy