SDG COVER PAGE

Lab Name:	Alliance	Technical Gro	up, LLC	Contract:	68HERH20I	00011	
Lab Code:	ACE	Case No.:	51879	MA No.:			SDG No.: MBHK78
SOW No. :	SFAM01.1						
					Analysis	Method	
EPA Sample	No.	Lab Sample	Id ICI	P-AES	ICP-MS	Mercury	Cyanide
МВНК78		P5041-01		X			
MBHK78D		P5041-02		Х			
MBHK78S		P5041-03		X			
contract, be in the SDG I of the data submitted has	oth techni Narrative. contained as been au	data package in cally and for and for All edits and in this hard athorized by the buing signatur	c completeness ad manual intel acopy Complete the Laboratory	s, for othe egrations be SDG File	er than the nave been p and in the	e conditions peer-reviewe e electronic	s detailed ed. Release c data
Signature:				Name:			
Date:				Title	:		

68HERH20D0011

SDG # MBHK78

USEPA CLP COC (LAB COPY)

DateShipped: 11/26/2024 CarrierName: FedEx AirbillNo: 7702 6139 4005

CHAIN OF CUSTODY RECORD

Case #: 51879 Cooler #: 4

No: 2-112624-112547-0029

Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed

Lab Phone: 908-789-8900

Sample Identifier	CLP Sample No.	Matrix/Sampler	Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
P175-SB-11-Z30- 36	MBHK75	Soil	,	ICP-AES(35)	4753 (Wet ice < 6 C) (1)	P175-SB-11	11/21/2024 08:40	
P175-SB-12-Z00- 02	MBHK76	Soil/		ICP-AES(35)	4754 (Wet ice < 6 C) (1)	P175-SB-12	11/21/2024 08:45	
P175-SB-12-Z02- 06	MBHK77	Soil/		ICP-AES(35)	4755 (Wet ice < 6 C) (1)	P175-SB-12	11/21/2024 08:45	
P175-SB-12-Z06- 12	МВНК78	Soil/		ICP-AES(35)	4756 (Wet ice < 6 C) (1)	P175-SB-12	11/21/2024 08:45	2
P175-SB-12-Z12- 18	мвнк79	Soil/		ICP-AES(35)	4757 (Wet ice < 6 C) (1)	P175-SB-12	11/21/2024 08:45	
P175-SB-12-Z18- 24	MBHK80	Soil/		ICP-AES(35)	4758 (Wet ice < 6 C) (1)	P175-SB-12	11/21/2024 08:45	
P175-SB-12-Z24- 30	MBHK81	Soil/		ICP-AES(35)	4759 (Wet ice < 6 C) (1)	P175-SB-12	11/21/2024 08:45	
P175-SB-12-Z30- 36	MBHK82	Soil/		ICP-AES(35)	4800 (Wet ice < 6 C) (1)	P175-SB-12	11/21/2024 08:45	
P175-SB-10-Z30- 36-FD	MBHKG6	Soil/		ICP-AES(35)	5497 (Wet ice < 6 C) (1)	P175-SB-10	11/21/2024 08:35	
P175-SB-07-Z30- 36-FD	MBHKG7	Soil/		ICP-AES(35)	5498 (Wet ice < 6 C) (1)	P175-SB-07	11/21/2024 09:00	
				ALLA SAC				

Sample(s) to be used for Lab QC: P175-SB-12-Z06-12 Tag 4756 - Special Instructions: Samples MBHK72 and MBHK78 are MS/MSDs. Sample MBHK70 has limited sample mass.

Analysis Key: ICP-AES=CLP Routine - SFAM01.1/LSASD SOP C-109 Metals

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

Lo 100 111	KIA	JA 450 11/26/24	Rems/Reason Relinquished by (Signature and Organization) Date/Time Received by (Signature and Organization)
Temp Blane present	1 th une 2 th So. 01		n) Date/Time Sample Condition Upon Receip

FORM DC-1 SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group	, LLC	Page_1_of_\
Received By (Print Name)	para leie	Log-in Date 11/27/2024
Received By (Signature)		
Case Number 51879	SDG No. MBHK78	MA No. N/A

Remarks:	T
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.	770261394005 1
Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.5 Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	11/27/2024

_					
			Correspon	ding	Remarks:
	EDA	Aqueous Water			Condition of Sample
	EPA Sample #	Sample pH	Sample Tag #	Assigned Lab #	Shipment, etc.
1	мвнк78	N/A	4756	P5041-01	Intact
2	MBHK78D	N/A	4756	P5041-02	Intact
3	MBHK78S	N/A	4756	P5041-03	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	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

* Contact SMO and attach record of resolution

Reviewed By	0	Logbook No.	N/A	
Date	11/27/24	Logbook Page No.	N/A	9

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

LAB NAME	Alliance Tech	nnical Group, LLC		
LAB CODE	ACE			
CONTRACT NO.	68HERH20D0011			
CASE NO.	51879	SDG NO.	мвнк78	
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: CHECK TROM NO	, , , , , , , , , , , , , , , , , , , ,				
1. SDG Cover Page		PAGE	NOs:	СН	ECK
2. Traffic Report/Chain of Custody Record(s) 3. Sample Log-In Sheet (DC-1) 4. CSF Inventory Sheet (DC-2) 5. SDG Narrative 7. 9		FROM	TO	LAB	REGION
2. Traffic Report/Chain of Custody Record(s) 3. Sample Log-In Sheet (DC-1) 4. CSF Inventory Sheet (DC-2) 5. SDG Narrative 7. 9 ✓ 6. Communication Logs 7. Percent Solids Log 10 11 ✓ Analysis Forms and Data (ICP-AES) 8. Sample Analysis Data Forms (IA-OR, IB-OR, and I-IN) for each sample or sample analysis, laboratory OC as applicable 9. Instrument raw data by instrument in analysis order 10. Standard and Reagent Preparation Logs 11. Original Preparation and Cleanup forms or copies of Preparation and data 484 485 ✓ Cleanup Logbooks 12. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks 13. Rew Floriance Evaluation (PE)/Proficiency Testing (PT) Sample 14. Extraction Logs for TCLF and SFLF 15. Raw GPC Data 17. Sample Analysis Data Forms (IA-OR, IB-OR, and I-IN) for each sample or sample analysis, laboratory OC as applicable 18. Instrument Logbooks 19. Standard and Reagent Preparation Logs 10. Signal Analysis Data Forms (IA-OR, IB-OR, and I-IN) for each sample or sample analysis, laboratory OC as applicable 18. Instrument raw data by instrument in analysis order NA NA V Cheer Data 19. Standard and Reagent Preparation Logs 10. Original Preparation and Cleanup forms or copies of Preparation and NA NA V Cleanup Logbooks 19. Standard and Reagent Preparation Logs NA NA V Cleanup Logbooks 20. Original Preparation and Cleanup forms or copies of Preparation and NA NA V Cleanup Logbooks 21. Performance Evaluation (FE)/Proficiency Testing (FT) Sample NA NA V					
3. Sample Log-In Sheet (DC-1) 4. CSF Inventory Sheet (DC-2) 4. 6. Communication Logs 7. 9 ✓ 6. Communication Logs 7. Percent Solids Log Analysis Forms 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 12. 12. ✓ Other Data 10. Original Preparation and Cleanup forms or copies of Preparation and 484 485. ✓ Cleanup Logbooks 11. Original Preparation (PE)/Proficiency Testing (PT) Sample 11. Extraction Logs for TCLP and SPLP 12. Raw GPC Data 13. NA NA ✓ NA NA ✓ Analysis Forms and Data (ICP-MS) 17. Sample Analysis bata Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 18. Instrument Logbooks 19. Forms and Data (ICP-MS) 17. Sample Analysis bata Forms (1A-OR, 1B-OR, and 1-IN) for each sample 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 ✓ Other Data 19. Standard and Reagent Preparation Logs NA NA ✓ Other Data 19. Standard and Reagent Preparation Logs NA NA ✓ Other Data 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 Preparation and NA NA ✓ Instrument Logbooks 22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA ✓	1. SDG Cover Page	1	1		
4 6 ✓ 5. SDG Narrative 77 9 ✓ 6. Communication Logs NA NA NA ✓ 7. Percent Solids Log 10 11 ✓ Analysis Forms 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 13 322 ✓ Other Data 10. Standard and Reagent Preparation Logs 323 483 ✓ 11. Original Preparation and Cleanup forms or copies of Preparation and 484 485 ✓ Cleanup Logbooks 12. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks 13. Performance Evaluation (FE)/Proficiency Testing (PT) Sample NA NA ✓ Instructions 14. Extraction Logs for TCLP and SPLP NA NA ✓ 15. Raw GPC Data NA 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 NA NA NA ✓ Other Data 18. Instrument raw data by instrument in analysis order NA NA NA ✓ Other Data 19. Standard and Reagent Preparation Logs NA NA NA ✓ Other Data 20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA NA ✓ Cleanup Logbooks NA NA NA ✓ Cleanup Logbooks NA NA NA ✓ Instrument Logbooks NA NA NA ✓ Cleanup Logbooks 1. Original Analysis or Instrument Run forms or copies of Analysis or NA NA NA ✓ Instrument Logbooks 2. Performance Evaluation (FE)/Froficiency Testing (FT) Sample NA NA NA ✓	2. Traffic Report/Chain of Custody Record(s)	2	2	✓	
5. SDG Narrative 7 9	3. Sample Log-In Sheet (DC-1)	3	3	✓	
6. Communication Logs 7. Percent Solids Log 10 11	4. CSF Inventory Sheet (DC-2)	4	6	✓	
Analysis Forms and Data (ICP-AES) 8. Sample Analysis Data Forms (IA-OR, IB-OR, and I-IN) for each sample or sample analysis, Laboratory QC as applicable 9. Instrument raw data by instrument in analysis order 13 322 ✓ Other Data 10. Standard and Reagent Preparation Logs 323 483 ✓ 11. Original Preparation and Cleanup forms or copies of Preparation and 484 485 ✓ Cleanup Logbooks 485 503 ✓ Instrument Logbooks 503 685 685 695 695 695 695 695 695 695 695 695 69	5. SDG Narrative	7	9	✓	
Analysis Forms 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 13. 322	6. Communication Logs	NA	NA	✓	
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 13 322 ✓ Other Data 10. Standard and Reagent Preparation Logs 323 483 ✓ 11. Original Preparation and Cleanup forms or copies of Preparation and 484 485 ✓ Cleanup Logbooks 486 503 ✓ Instrument Logbooks 13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA ✓ Instructions 14. Extraction Logs for TCLP and SPLP NA NA NA ✓ 15. Raw GPC Data NA NA ✓ Analysis Forms and Data (ICP-MS) 17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 18. Instrument raw data by instrument in analysis order NA NA NA ✓ Other Data 19. Standard and Reagent Preparation Logs NA NA NA ✓ Cleanup Logbooks NA NA NA ✓ Instrument Logbooks NA NA NA NA ✓ Instrument Logbooks NA	7. Percent Solids Log	10	11	✓	
or sample analysis, laboratory QC as applicable 9. Instrument raw data by instrument in analysis order 13 322 ✓ Other Data 10. Standard and Reagent Preparation Logs 323 483 ✓ 11. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 12. Original Analysis or Instrument Run forms or copies of Analysis or 486 503 ✓ Instrument Logbooks 13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions 14. Extraction Logs for TCLF and SPLP NA NA NA ✓ 15. Raw GPC Data NA NA NA ✓ Analysis Forms and Data (ICP-MS) 17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 18. Instrument raw data by instrument in analysis order NA NA NA ✓ Other Data 19. Standard and Reagent Preparation Logs NA NA NA ✓ Original Preparation and Cleanup forms or copies of Preparation and 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 NA NA V	Analysis Forms and Data (ICP-AES)				
Other Data 10. Standard and Reagent Preparation Logs 323 483 ✓ 11. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 12. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks 13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample 14. Extraction Logs for TCLP and SPLP 15. Raw GPC Data 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 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 20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 21. Original Analysis or Instrument Run forms or copies of Analysis or NA NA ✓ 22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA ✓ NA NA ✓		12	12	✓	
10 . Standard and Reagent Preparation Logs 12 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 12 . Original Analysis or Instrument Run forms or copies of Analysis or 486 503 ✓ Instrument Logbooks 13 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA ✓ Instructions 14 . Extraction Logs for TCLP and SPLP NA NA V 15 . Raw GPC Data NA NA V 16 . Raw Florisil Data NA NA V Analysis Forms and Data (ICP-MS) 17 . Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 18 . Instrument raw data by instrument in analysis order NA NA V Other Data 19 . Standard and Reagent Preparation Logs NA NA V Cleanup Logbooks 21 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 22 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA V		13	322	✓	
10 . Standard and Reagent Preparation Logs 12 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 12 . Original Analysis or Instrument Run forms or copies of Analysis or 486 503 ✓ Instrument Logbooks 13 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA ✓ Instructions 14 . Extraction Logs for TCLP and SPLP NA NA V 15 . Raw GPC Data NA NA V 16 . Raw Florisil Data NA NA V Analysis Forms and Data (ICP-MS) 17 . Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 18 . Instrument raw data by instrument in analysis order NA NA V Other Data 19 . Standard and Reagent Preparation Logs NA NA V Cleanup Logbooks 21 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 22 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA V	Other Data		_		
11. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 12. Original Analysis or Instrument Run forms or copies of Analysis or 486 503 ✓ Instrument Logbooks 13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA V Instructions 14. Extraction Logs for TCLP and SPLP NA NA NA ✓ 15. Raw GPC Data NA NA NA ✓ 16. Raw Florisil Data NA NA V Analysis Forms and Data (ICP-MS) 17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 18. Instrument raw data by instrument in analysis order NA NA V Other Data 19. Standard and Reagent Preparation Logs NA 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 NA NA V		323	483	✓	
12. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks 13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample 14. Extraction Logs for TCLP and SPLP 15. Raw GPC Data 16. Raw Florisil Data 17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 18. Instrument raw data by instrument in analysis order 19. Standard and Reagent Preparation Logs 10. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 21. Original Analysis or Instrument Run forms or copies of Analysis or NA NA ANA ANA ANA ANA ANA ANA ANA ANA		484	485	✓	
13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions 14. Extraction Logs for TCLP and SPLP NA NA V 15. Raw GPC Data NA NA V 16. Raw Florisil Data NA NA V Analysis Forms and Data (ICP-MS) 17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 18. Instrument raw data by instrument in analysis order NA NA V Other Data 19. Standard and Reagent Preparation Logs NA NA V 20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 21. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks 22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA V	12. Original Analysis or Instrument Run forms or copies of Analysis or	486	503	✓	
14. Extraction Logs for TCLP and SPLP 15. Raw GPC Data 16. Raw Florisil Data NA NA V Analysis Forms and Data (ICP-MS) 17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 18. Instrument raw data by instrument in analysis order NA NA V Other Data 19. Standard and Reagent Preparation Logs NA NA V 20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 21. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks 22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA V	13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample	NA	NA_		
Analysis Forms and Data (ICP-MS) 17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 18. Instrument raw data by instrument in analysis order NA NA V Other Data 19. Standard and Reagent Preparation Logs NA NA V 20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 21. Original Analysis or Instrument Run forms or copies of Analysis or NA NA V Instrument Logbooks 22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA V		NA	NA		
Analysis Forms and Data (ICP-MS) 17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 18. Instrument raw data by instrument in analysis order NA NA V Other Data 19. Standard and Reagent Preparation Logs NA NA NA V 20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 21. Original Analysis or Instrument Run forms or copies of Analysis or NA NA V Instrument Logbooks 22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA V	15 . Raw GPC 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 raw data by instrument in analysis order NA NA V Other Data 19. Standard and Reagent Preparation Logs NA NA V 20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 21. Original Analysis or Instrument Run forms or copies of Analysis or NA NA V Instrument Logbooks 22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA V	16. Raw Florisil Data	NA	NA		
or sample analysis, laboratory QC as applicable 18. Instrument raw data by instrument in analysis order NA NA V Other Data 19. Standard and Reagent Preparation Logs NA NA V 20. Original Preparation and Cleanup forms or copies of Preparation and NA NA V Cleanup Logbooks 21. Original Analysis or Instrument Run forms or copies of Analysis or NA NA V Instrument Logbooks 22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA V	Analysis Forms and Data (ICP-MS)				
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 NA NA ✓		NA	NA_		
19. Standard and Reagent Preparation Logs 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 NA NA ✓		NA	NA	_ ✓	
19. Standard and Reagent Preparation Logs 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 NA NA ✓	Other Data				
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 NA NA ✓		NA	NA	✓	
21. Original Analysis or Instrument Run forms or copies of Analysis or NA NA ✓ Instrument Logbooks 22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA ✓		NA	NA	✓	
22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA \checkmark	21. Original Analysis or Instrument Run forms or copies of Analysis or	NA	NA	✓	
	22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample	NA	NA	_	

	PAGE 1	NOs:	СН	ECK
	FROM	TO	LAB	REGION
23. Extraction Logs for TCLP and SPLP	NA	NA		
24 . Raw GPC Data	NA	NA		
25 . Raw Florisil Data	NA	NA		
Analysis Forms and Data (Mercury)				
26. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample	NA	NA		
or sample analysis, laboratory QC as applicable 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	NA	NA		
Instrument Logbooks 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample	NA	NA	✓	
Instructions 32. Extraction Logs for TCLP and SPLP	NA	NA	✓	
33 . Raw GPC Data	NA	NA	√	
34 . Raw Florisil Data	NA	NA	✓	
Analysis Forms and Data (Cyanide)				
35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample	NA	NA	✓	
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	NA	✓	
38. Original Preparation and Cleanup forms or copies of Preparation and	NA	NA	✓	
Cleanup Logbooks 39. Original Analysis or Instrument Run forms or copies of Analysis or	NA	NA	✓	
Instrument Logbooks 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample	NA_	NA	✓	
Instructions 41. Extraction Logs for TCLP and SPLP	NA	NA	✓	
42 . Raw GPC Data	NA	NA	✓	·
43 . Raw Florisil Data	NA	NA	✓	

			PAGE NOs: CHEC		IECK	
			FROM	TO	LAB	REGION
Additional						
44. EPA Shipping/	Receiving Documents					
Airbill (No.	of Shipments)		504	504	✓	
Sample Tags			NA	NA	✓	
Sample Log-Ir	n Sheet (Lab)		505	505	✓	
45. Misc. Shippir	ng/Receiving Records(list all ind	ividual records)				-
			NA_	NA_		
	Sample Transfer Records and Trac	king Sheets				
(describe or	list)		506	506	1	
47 Other Beards	s and related Communication Logs					- ——
(describe or						
			NA	NA	_ ✓	
48. Comments:						
Completed by: (CLP Lab)						
	Signature)	Nimisha Pandya, Docu (Print Name & Title		Officer	(Da	te)
Audited by:		(11110 1.0110 4 11010	- ,		,54	/
(EPA)	Signature)	(Print Name & Title	<u> </u>		(Da	+ 0)
(Signature)	(FIIIIC Name & TICLE	=)		(Da	LE)



SDG NARRATIVE

USEPA
SDG # MBHK78
CASE # 51879
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # P5041

A. Number of Samples and Date of Receipt

01 Soil samples were delivered to the laboratory intact on 11/27/2024.

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: 2.5°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.



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) =
$$C \times Vf \times VF$$

W x S

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 MBHK78 For Arsenic:

If C = 0.2394960 ppm

Vf = 100 ml

W = 1.43 g

S = 0.87(87.0/100)

DF = 1

Concentration (mg/kg) = $0.2394960 \text{ x} \underline{100} \text{ x } 1$ 1.43 x 0.87

= 19.2505 mg/kg

= 19 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 Antimony, Selenium, Silver. Duplicate sample did meet requirements. Serial Dilution did meet requirements except for Cobalt.

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: rubina
Analyst: jignesh

Date: 12/4/2024

OVENTEMP IN Celsius(°C): 107 OVENTEMP OUT Celsius(°C): 103

Time IN: 12:35 Time OUT: 07:45

In Date: 12/03/2024 Out Date: 12/04/2024

 Weight Check 1.0g: 1.00
 Weight Check 1.0g: 1.00

 Weight Check 10g: 10.00
 Weight Check 10g: 10.00

OvenID: M OVEN#1 BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

qc:LB133707

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Sample	Dish+Dry Sample Wt(g)(C)	% Solid	Comments
P5040-01	мвнкд6	1	1.17	8.55	9.72	8.73	88.4	
P5040-02	MBHKD6D	2	1.17	8.55	9.72	8.73	88.4	
P5040-03	MBHKD6S	3	1.17	8.55	9.72	8.73	88.4	
P5041-01	мвнк78	4	1.15	8.44	9.59	8.49	87.0	
P5041-02	MBHK78D	5	1.15	8.44	9.59	8.49	87.0	
P5041-03	мвнк78Ѕ	6	1.15	8.44	9.59	8.49	87.0	
P5042-01	мвнкв0	7	1.16	8.72	9.88	8.16	80.3	
P5042-02	мвнкв0р	8	1.16	8.72	9.88	8.16	80.3	
P5042-03	мвнкв0ѕ	9	1.16	8.72	9.88	8.16	80.3	
P5043-01	мвнкм2	10	1.17	8.49	9.66	8.41	85.3	
P5043-02	МВНКМ2D	11	1.17	8.49	9.66	8.41	85.3	
P5043-03	MBHKM2S	12	1.17	8.49	9.66	8.41	85.3	

WORKLIST(Hardcopy Internal Chain)

40 133407

World int all			,		, III	: \5		
CALIST NAMES	%1-p5040	WorkList ID:	ID: 185925	Department :	Wet-Chemistry	ě		
Sample	Customer Sample	Matrix	Test	Preservative	Customer	nple		12-03-2024 11:53:41
						Storage	Collect Date	Method
P5040-01	MBHKD6	Solid	Percent Solids					
P5040-02	MBHKD6D	rilo.		Cool 4 deg C	USEP01	C11	11/20/2024	Chemtech -SO
P5040-03			Leicent Solids	Cool 4 deg C	USEP01	C11	44,00,000	
	MBHKD6S	Solid	Percent Solids	Cool 4 dea C			11/20/2024	Chemtech -SO
P5041-01	MBHK78	Solid	Doront Colina) fight	USEP01	C11	11/20/2024	Chemtech -SO
P5041-02	MBUIZOR		Spilos iligais	Cool 4 deg C	USEP01	C11	11/24/20024	
	US/NEGWI	Solid	Percent Solids	Cool A dea C			11/21/2024	Chemtech -SO
P5041-03	MBHK78S	Solid	Dorocci C	O Ren t loop	USEP01	C11	11/21/2024	Chemtech -SO
P5042-01	MBHKBO		Spilos III acid	Cool 4 deg C	USEP01	C11	11/21/2024	
	MOTIVE	Solid	Percent Solids	Cool 4 dea C			11/21/2024	Chemtech -SO
P5042-02	MBHKB0D	Solid	Derroat Colled	D D D D D D D D D D D D D D D D D D D	USEP01	C21	11/20/2024	Chemtech -SO
P5042-03	MBHKB0S	Pilo	Schill Collids	Cool 4 deg C	USEP01	C21	11/20/2024	Chemtech -SO
P5043_04			rercent Solids	Cool 4 deg C	USEP01	C34		
	MBHKM2	Solid	Percent Solids	0 17 7 1000		170	11/20/2024	Chemtech -SO
P5043-02	MBHKM2D	Solid	Doront Callac	Cool 4 deg C	USEP01	C12	11/20/2024	Chemtech -SO
P5043-03	MBHKM2s		- crearit collius	Cool 4 deg C	USEP01	C12	11/20/2024	1
		Solid	Percent Solids	Cool 4 deg C	LISEDO4			Chemtech -SO

11/20/2024 Chemtech -SO

C12

USEP01

Cool 4 deg C

Date/Time \2/03/24 Raw Sample Received by:

12,40

Raw Sample Relinquished by:

Page 1 of 1

Raw Sample Relinquished by:

Date/Time |2|03|24 Raw Sample Received by: