SDG COVER PAGE

Lab Code: ACE SOW No.: SFAMO EPA Sample No. MBHHS5	Case No.: 51879 1.1 Lab Sample Id	MA No.:			CDC N- MDIIICE
EPA Sample No.					SDG No.: MBHHS5
	Lab Sample Id				
	Lab Samble Id	TOD AEC	_	s Method	Cronido
MBHHS5		ICP-AES	ICP-MS	Mercury	Cyanide
	P4939-01	X			
MBHHS6	P4939-02	X			
МВННТ6	P4939-03	X			
MBHHT7	P4939-04	X			
MBHHT8	P4939-05	X			
МВННТ9	P4939-06	X			
мвннw0	P4939-07	X			
мвнни6	P4939-08	X			
мвннw7	P4939-09	X			
мвннw8	P4939-10	X			
МВННW8D	P4939-11	X	_		
мвннพ8ѕ	P4939-12	X			
МВННХ5	P4939-13	X			
мвннх6	P4939-14	X			
МВННҮ5	P4939-15	X			
мвннү6	P4939-16	X			
МВННҮ7	P4939-17	X			
мвннү8	P4939-18	X			
МВННҮ9	P4939-19	X	_		
мвннг0	P4939-20	X			
MBHHZ1	P4939-21	X			
МВННZ2	P4939-22	X			

DateShipped: 11/20/2024 USEPA CLP COC (LAB COPY)

AirbillNo: 7701 0508 8605 CarrierName: FedEx

CHAIN OF CUSTODY RECORD

68HERH20D0011

SDG # MBHHS5 No: 2-112024-141311-0011

Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed

Lab Phone: 908-789-8900

Case #: 51879 Cooler #: 3

P105-SB-16-Z06- MBHHW8 Soll/		P105-SB-16-Z02- MBHHW7 Soil/		DE DE 18 700 MELLING Soil	P131-SB-16-Z18- MBHHW0 Soil/	P131-SB-16-Z12- MBHHT9 Soil/		P131-SB-16-Z06- MBHHT8 Soil/	P131-SB-16-Z02- MBHHT7 Soil/		P131-SB-16-Z00- MBHHT6 Soil/	P123-SB-27-Z02- MBHHS6 Soil/	P123-SB-27-Z00- MBHHS5 Soil/	Sample Identifier CLP Matrix/Sampler Sample No.
														Method
ioi Aro(oo)	ICP_AES(35)	ICP-AES(35)		ICP-AES(35)	ICP-AES(35)	ICT-AES(33)	100 45005	ICP-AES(35)	ICP-AES(35)	200 410 251	ICP-AES(35)	ICP-AES(35)	ICP-AES(35)	(Days)
	1072 (2)	10/1(1)	4074 (4)	1070 (1)	13/2(1)	4242 (4)	1311 (1)	1310 (1)	1000(1)	1200 (1)	1308 (1)	1200(1)	4260 (4)	4000
	P105-SB-16		P105-SB-16	P105-SB-16		9131-SB-16	P131-SB-16	P131-SB-16		P131-SB-16	P131-SB-16		P123-SB-27	D103-SR-07
	11/18/2024 11:00		11/18/2024 11:00	11/18/2024 11:00		11/18/2024 14:00	11/18/2024 14:00	11/18/2024 14:00		11/18/2024 14:00	11/18/2024 14:00		11/18/2024 11:25	Date/Time
3	18	<	5	\ <		2 6	(7	(۲ د	٧		1 5	Only

Sample(s) to be used for Lab QC: P105-SB-16-Z06-12 Tag 1072 - Special Instructions: Additional sample volume provided for MBHHW8 and MBHHX4 is for MS/MSD. Samples MBHHY5, MBHHY6, MBHHY7 and MBHHY8. Sample MBHHZ3 is a rinse blank. Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

	The (Circulation and Occapitation)	Date/Time	Received by (Signature and Organization)		Sample Condition Upon Receipt
ijems/Keason	Versidosiren el forgitamic and organization			11-21-24	1.0.0
2 ()	Tops - To	15/5		1	IR SUN 由
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			11727		- M.
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USEPA CLP COC (LAB COPY)

AirbillNo: 7701 0508 8605 CarrierName: FedEx DateShipped: 11/20/2024

CHAIN OF CUSTODY RECORD

SDG # MBHHS5 No: 2-112024-141311-0011

68HERH20D0011

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

Case #: 51879 Cooler #: 3

								P143-3D-18-202-
		11000	2154(1)	ICP-AES(35)		Soil	MRHHY6	D4 43 CB 40 703
	11/18/2024 14:25	P143_SB-19	244	ICT-NEO(00)		Soil	МВННҮ5	P143-SB-19-Z00- 02
7	11/18/2024 14:25	P143-SB-19	2153 (1)	CD AES(35)		OCH	MBHHXo	P119-SB-16-Z06- 12
C	11/19/2024 08:45	P119-SB-16	1191 (1)	ICP-AES(35)		2		06
7	11/19/2024 08:45	P119-SB-16	1190 (1)	ICP-AES(35)		Soil/	MBHHX5	02 P119-SB-16-Z02-
-			100	ICF-AEO(30)		Soil	MBHHX4	P119-SB-16-Z00-
+	11/19/2024 08:45	P119-SB-16	1189 (2)	100 AEC(25)		SOH	мвннх3	P126-SB-07-Z12- 18
	11/18/2024 12:10	P126-SB-07	1283 (1)	ICP_AES(35)				12
		i	1202(1)	ICP-AES(35)		Soil/	MBHHX2	P126-SB-07-Z06-
	11/18/2024 12:10	P126-SB-07	4202 (4)			OOB	MBHHAT	P126-SB-07-Z02-
	11/18/2024 12:10	P126-SB-07	1281 (1)	ICP-AES(35)		2		22
				ICP-AES(35)		Soil/	MBHHX0	P126-SB-07-Z00-
	11/18/2024 12:10	P128-SB-07	4280.(4)			SOLV	мвнни	P105-SB-16-Z12- 18
	11/18/2024 11:00	P105-SB-16	1073 (1)	ICD-AES(35)	Menior		Sample No.	
Only	Date/Time	Location	Tag/Preservative/Bottles	Analysis/Turnaround (Davs)	er Coll.	Matrix/Sampler	CLP	Sample Identifier

Sample(s) to be used for Lab QC: P119-SB-16-Z00-02 Tag 1189 - Special Instructions: Additional sample volume provided for MBHHW8 and MBHHX4 is for MS/MSD. Samples MBHHY5, MBHHY6, MBHHY7 and MBHHY8. Sample MBHHZ3 is a rinse blank.

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

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

	Items/Reason Relino	30	1 0000			
in the section of the	Relinquished by (Signature and Organization)					
DateЛime	Calar a male	11/20/24	G			
Received by (Signature and Organization)		S S	100		111/2/21/11	Dr. 100 his
Date/Time	354 A2-12-11	1045		X	A	
Sample Condition Upon Receipt	7.9.6	はなずず	and a start		Trup all process	

68HERH20D0011

SDG # MBHHS5

USEPA CLP COC (LAB COPY)

DateShipped: 11/20/2024 CarrierName: FedEx AirbillNo: 7701 0508 8605

CHAIN OF CUSTODY RECORD

Case #: 51879 Cooler #: 3

No: 2-112024-141311-0011

Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed

Lab Phone: 908-789-8900

Sample Identifier	10	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	bund	Tag/Pre	Tag/Preservative/Bottles
P143-SB-19-Z06- 12	МВННҮ7	Soil/		ICP-AES(35)		2155 (1)	2155 (1) P143-SB-19
P143-SB-19-Z12- 18	МВННҮ8	Soil/		ICP-AES(35)		2156 (1)	2156 (1) P143-SB-19
P143-SB-19-Z18- 24	мвннү	Soil/		ICP-AES(35)		2157 (1)	2157 (1) P143-SB-19
P143-SB-19-Z24- 30	MBHHZ0	Soil/		ICP-AES(35)		2158 (1)	2158 (1) P143-SB-19
P143-SB-19-Z30- 36	MBHHZ1	Soil/		ICP-AES(35)		2159 (1)	2159 (1) P143-SB-19
P126-SB-07-Z06- 12-FD	MBHHZ2	Soil/		ICP-AES(35)		5440 (1)	5440 (1) P126-SB-07
RB06-11202024	МВННZ3	Water/		ICP-AES(35)		5441 (1)	5441 (1) RB06-11202024 11/20/2024 15:30
				7	1	ANN	W N N N N N N N N N N N N N N N N N N N
					200	Who has	

Special Instructions: Additional sample volume provided for MBHHW8 and MBHHX4 is for MS/MSD. Samples MBHHY5, MBHHY6, MBHHY7 and MBHHY8. Sample MBHHZ3 is a rinse blank.

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

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

Items/Reason	Items/Reason Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time Sample Condition Upon Receipt	
2 Coder	The state of the s	11/20/20	2		14-12-11 14-12-12-11
		W			
			What)		
			-		

FORM DC-1 SAMPLE LOG-IN SHEET

Lab Name: Alliance Technical Group,	LLC	Page_1_of_l
Received By (Print Name)	NEGUEN	Log-in Date 11/21/2024
Received By (Signature)		
Case Number 51879	SDG No. MBHHS5	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	n/a
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	770105088605 1
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	1.9 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	11/21/2024
12.Time Received	10:45

		T	Co	di	
	EPA Sample #	Aqueous Water Sample pH	Correspon Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	MBHHS5	N/A	1259	P4939-01	Intact
2	мвннѕ6	N/A	1260	P4939-02	Intact
3	мвннт6	N/A	1308	P4939-03	Intact
4	мвннт7	N/A	1309	P4939-04	Intact
5	мвннт8	N/A	1310	P4939-05	Intact
6	мвннт9	N/A	1311	P4939-06	Intact
7	мвннwо	N/A	1312	P4939-07	Intact
8	мвннw6	N/A	1070	P4939-08	Intact
9	мвннw7	N/A	1071	P4939-09	Intact
10	мвннw8	N/A	1072	P4939-10	Intact
11	MBHHW8D	N/A	1072	P4939-11	Intact
12	MBHHW8S	N/A	1072	P4939-12	Intact
13	мвннх5	N/A	1190	P4939-13	Intact
14	мвннх6	N/A	1191	P4939-14	Intact
15	мвннү5	N/A	2153	P4939-15	Intact
16	мвннү6	N/A	2154	P4939-16	Intact
17	мвннү7	N/A	2155	P4939-17	Intact
18	мвнну8	N/A	2156	P4939-18	Intact
19	мвннү9	N/A	2157	P4939-19	Intact
20	мвннzо	N/A	2158	P4939-20	Intact
21	MBHHZ1	N/A	2159	P4939-21	Intact
22	MBHHZ2	N/A	5440	P4939-22	Intact
23	N/A	N/A	V/A	N/A	N/A

* Contact SMO and attach record of resolution

Reviewed By	OK.	Logbook No.	N/A	
Date	11/21/29	Logbook Page No.	N/A	

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.	мвннѕ5	
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 PROM TO	, , , , , , , , , , , , , , , , , , , ,					
1. SDG Cover Page		PAGE NOs:		СН	CHECK	
2. Traffic Report/Chain of Custody Record(s) 3. Sample Log-In Sheet (DC-1) 4. CSF Inventory Sheet (DC-2) 5. SDG Narrative 5. SDG Narrative 9. 11 ✓ 6. Communication Logs NA NA ✓ 7. Percent Solids Log 112 14 ✓ Analysis Forms and Data (ICP-AES) 8. Sample Analysis Data Forms (IA-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory OC as applicable 9. Instrument raw data by instrument in analysis order 75. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 10. Original Analysis or Instrument Run forms or copies of Analysis or T52 770 ✓ Instrument Logbooks 12. Performance Evaluation (PE)/Proficiency Testing (PT) Sample 13. Raw GPC Bata 14. Extraction Logs for TCLF and SFLF 15. Raw GPC Bata 17. Sample Analysis Data Forms (IA-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory OC as applicable 18. Instrument Logbooks 19. Standard and Reagent Preparation Logs Analysis Forms and Data (ICP-MS) 17. Sample Analysis Data Forms (IA-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory OC as applicable 18. Instrument raw data by instrument in analysis order NA NA ✓ Cheer Data 19. Standard and Reagent Preparation Logs NA NA ✓ Cleanup Logbooks 20. Original Preparation and Cleanup forms or copies of Preparation and NA NA ✓ Cleanup Logbooks 21. Original Preparation and Cleanup forms or copies of Preparation and NA NA ✓ Cleanup Logbooks 22. Performance Evaluation (FE)/Proficiency Testing (PT) Sample NA NA ✓		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 5. SDG Narrative 9. 11 ✓ 6. Communication Logs NA NA ✓ 7. Percent Solids Log 2. 4 ✓ 3. Sample Analysis Data Forms (IA-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory OC as applicable 9. Instrument raw data by instrument in analysis order 7. Standard and Reagent Preparation Logs 10. Standard and Reagent Preparation Logs 11. Original Preparation and Cleanup forms or copies of Analysis or Instrument 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 Bata 16. Raw Florisil Data NA NA ✓ Analysis Forms and Data (ICP-MS) 17. Sample Analysis Data Forms (IA-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory OC as applicable 18. Instrument Logbooks 19. Standard and Reagent Preparation Logs NA NA ✓ Cother Data 19. Standard and Reagent Preparation Logs NA NA ✓ Cleanup Logbooks 10. NA NA ✓ Cleanup Logbooks 11. Standard and Reagent Preparation Logs NA NA ✓ Cleanup Logbooks 12. Original Preparation and Cleanup forms or copies of Preparation and NA NA ✓ Cleanup Logbooks 19. Standard and Reagent Preparation Logs NA NA ✓ Cleanup Logbooks 20. Original Preparation and Cleanup forms or copies of Preparation and NA NA ✓ Cleanup Logbooks 21. Criginal Analysis or Instrument Run forms or copies of Preparation and NA NA ✓ Cleanup Logbooks 22. Performance Evaluation (FE)/Proficiency Testing (FT) Sample NA NA ✓						
3. Sample Log-In Sheet (DC-1) 4. CSF Inventory Sheet (DC-2) 5. SDG Narrative 9 111	1. SDG Cover Page	1	1			
4. CSF Inventory Sheet (DC-2) 5. SDG Narrative 9 11	2. Traffic Report/Chain of Custody Record(s)	2	4	✓		
5. SDG Narrative 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 Other Data 10. Standard and Reagent Preparation Logs 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 TS2 770	3. Sample Log-In Sheet (DC-1)	5	5	√		
6. Communication Logs 7. Percent Solids Log 12 14 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 Other Data 10. Standard and Reagent Preparation Logs 11. Original Preparation and Cleanup forms or copies of Preparation and 750 751 Cleanup Logbooks 12. Original Analysis or Instrument Run forms or copies of Analysis or 752 770 Instrument Logbooks 13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA Instructions 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 NA NA Analysis Forms and Reagent Preparation Logs 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 This rument Logbooks 19. Standard and Reagent Preparation Logs NA NA This rument Logbooks 19. Standard and Reagent Preparation Logs NA NA This rument Logbooks 10. Original Analysis or Instrument Run forms or copies of Preparation and Cleanup Logbooks 11. Original Analysis or Instrument Run forms or copies of Analysis or NA NA This rument Logbooks 12. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA V	4. CSF Inventory Sheet (DC-2)	6	8	✓		
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 35 570	5. SDG Narrative	9	11	√		
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or sample analysis, laboratory QC as applicable 9. Instrument raw data by instrument in analysis order 35 570 Other Data 10. Standard and Reagent Preparation Logs 571 749 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 T52 770 Instrument Logbooks 13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA NA Instructions 14. Extraction Logs for TCLP and SPLP NA NA NA 15. Raw GPC Data NA 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 NA NA NA Other Data 19. Standard and Reagent Preparation Logs NA NA NA Other Data 19. Standard and Reagent Preparation Logs NA NA NA Other Data 19. 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 NA NA OTHER DATA NA Instrument Logbooks 23. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA NA NA OTHER DATA NA NA Instrument Logbooks 24. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA OTHER DATA NA NA Instrument Logbooks 25. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA OTHER DATA NA NA Instrument Logbooks 26. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA NA OTHER DATA NA NA Instrument Logbooks	Analysis Forms and Data (ICP-AES)					
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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 NA NA V Other Data 19. 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	11. Original Preparation and Cleanup forms or copies of Preparation and	750	751	✓		
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	752	770	✓		
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			
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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					
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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 ✓	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
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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 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	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:		CHECK	
	F	ROM	TO	LAB	REGION
Additional					
44. EPA Shipping/Receiving Documents					
Airbill (No. of Shipments)		771	771		
Sample Tags		NA	NA	✓	
Sample Log-In Sheet (Lab)		772	773	✓	
45. Misc. Shipping/Receiving Records(list all individual re	cords)				
		NA	NA_		
	_				
46. Internal Lab Sample Transfer Records and Tracking Sheet	s				
(describe or list)					
	<u> </u>	774	775		
47. Other Records and related Communication Logs					
(describe or list)		NA	NA		
	<u> </u>				_
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48. Comments:					
Completed by: (CLP Lab)	sha Pandya, Document Co	n+ rol	Officer		
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SDG NARRATIVE

USEPA
SDG # MBHHS5
CASE # 51879
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # P4939

A. Number of Samples and Date of Receipt

20 Soil samples were delivered to the laboratory intact on 11/21/2024.

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.



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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 MBHHS5 For Antimony:

If C = 0.0048725 ppm Vf = 100 ml W = 1.17 gS = 0.652(65.2/100)

Concentration (mg/kg) = $0.0048725 \text{ x} \frac{100}{1.17 \text{ x } 0.652} \text{ x } 1$

= 0.6387 mg/kg

= 0.64 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 Selenium, Silver. Duplicate sample did meet requirements. Serial Dilution did meet requirements except for Iron, Manganese, Zinc.

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.



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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.

Date Title: Document Contro	al Officer



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/22/2024

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

Time IN: 14:00 Time OUT: 08:10

In Date: 11/21/2024 Out Date: 11/22/2024

Weight Check 1.0g: 1.00 Weight Check 1.0g: 1.00 Weight Check 10g: 10.00 OvenID: M OVEN#1 BalanceID: M SC-4

Thermometer ID: % SOLID- OVEN

QC:LB133550

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
P4939-01	мвннѕ5	1	1.17	8.40	9.57	6.65	65.2	
P4939-02	мвннѕ6	2	1.13	8.73	9.86	7.32	70.9	
P4939-03	мвннт6	3	1.19	8.52	9.71	7.8	77.6	
P4939-04	мвннт7	4	1.13	8.70	9.83	8.3	82.4	
P4939-05	МВННТ8	5	1.15	8.70	9.85	8.48	84.3	
P4939-06	мвннт9	6	1.18	8.73	9.91	8.46	83.4	
P4939-07	мвннw0	7	1.19	8.68	9.87	8.4	83.1	
P4939-08	мвннw6	8	1.19	8.50	9.69	7.6	75.4	
P4939-09	мвннw7	9	1.15	8.82	9.97	8.56	84.0	
P4939-10	мвннw8	10	1.14	8.71	9.85	8.47	84.2	
P4939-11	мвннw8D	11	1.14	8.71	9.85	8.47	84.2	
P4939-12	мвннw8s	12	1.14	8.71	9.85	8.47	84.2	
P4939-13	мвннх5	13	1.18	8.72	9.9	7.93	77.4	
P4939-14	мвннх6	14	1.13	8.41	9.54	7.97	81.3	
P4939-15	МВННҮ5	15	1.12	8.77	9.89	7.97	78.1	
P4939-16	мвннү6	16	1.17	8.44	9.61	8.14	82.6	
P4939-17	МВННҮ7	17	1.18	8.58	9.76	8.76	88.3	
P4939-18	мвннү8	18	1.19	8.52	9.71	8.6	87.0	
P4939-19	мвннү9	19	1.19	8.62	9.81	8.41	83.8	
P4939-20	мвннг0	20	1.15	8.82	9.97	8.39	82.1	
P4939-21	МВННІІ1	21	1.17	8.44	9.61	8.09	82.0	
P4939-22	МВННZ2	22	1.19	8.65	9.84	7.92	77.8	

WORKLIST(Hardcopy Internal Chain)

185649

WorkList ID :

%1-p4939

WorkList Name:

NP 133550

Chemtech -SO Date: 11-21-2024 12:25:04 Collect Date Method 11/18/2024 11/18/2024 11/18/2024 11/18/2024 11/18/2024 11/18/2024 11/18/2024 11/18/2024 11/18/2024 11/18/2024 11/19/2024 11/18/2024 11/18/2024 11/18/2024 11/19/2024 11/18/2024 11/18/2024 Raw Sample Storage Location C23 C23 C23 **C23** C23 **C23** C23 C23 USEP01 USEP01 Customer USEP01 Department: Wet-Chemistry Cool 4 deg C Preservative Percent Solids Test Matrix Solid Customer Sample **MBHHW8D** MBHHW8S MBHHW6 MBHHS5 MBHHS6 **MBHHT6 MBHHW0** MBHHW8 MBHHT8 MBHHW7 MBHHT9 **MBHHX5** MBHHX6 MBHHT7 MBHHY5 MBHHY6 **MBHHY8 MBHHY7** P4939-01 P4939-02 P4939-03 P4939-05 P4939-06 P4939-04 P4939-07 P4939-08 P4939-09 P4939-10 P4939-12 P4939-13 P4939-15 P4939-14 P4939-16 P4939-18 P4939-11 P4939-17 Sample

Raw Sample Relinquished by: Raw Sample Received by:

20m 9

Chemtech -SO Chemtech -SO

11/18/2024 11/18/2024

C23 **C23** C23 C23

USEP01

Cool 4 deg C Cool 4 deg C Cool 4 deg C

Percent Solids Percent Solids Percent Solids

Solid Solid Solid

MBHHZ0

P4939-20 P4939-21

MBHHZ1

MBHHY9

P4939-19

13:10

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Date/Time

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Raw Sample Relinquished by: Raw Sample Received by:

USEP01

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11/18/2024 Chemtech -SO

Chemtech -SO

11/18/2024

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Date/Time

WORKLIST(Hardcopy Internal Chain)

WorkList ID: 185649 %1-p4939 WorkList Name:

Department: Wet-Chemistry

JN 133550

Date: 11-21-2024 12:25:04

Raw Sample

Storage Location 11/18/2024 Chemtech -SO

C23

USEP01

Cool 4 deg C

Collect Date Method

Customer Preservative Percent Solids Test Matrix Solid Customer Sample MBHHZ2 P4939-22 Sample

しんいんり Date/Time

141.10

Raw Sample Received by:

Raw Sample Relinquished by:

Page 2 of 2

13:10

Date/Time 11-21.24

Raw Sample Relinquished by: Raw Sample Received by: