Lab Name: Alli	ance Technical Group, LLC	Contrac	ct: 68HERH20	D0011	
Lab Code: ACE	Case No.: 51879	MA No.:			SDG No.: MBHMY5
SOW No. : SFAM	01.1				
			Analysis	Method	
EPA Sample No.	Lab Sample Id	ICP-AES	ICP-MS	Mercury	Cyanide
MBHMY5	P5201-01	X			
MBHMY6	P5201-02	X			
MBHMY7	P5201-03	X			
MBHMY8	P5201-04	X			
МВНМҮ9	P5201-05	X			
MBHMZ0	P5201-06	X			
MBHMZ1	P5201-07	X			
MBHNA8	P5201-08	X			
MBHNA9	P5201-09	X			
MBHNB0	P5201-10	X			
MBHNB1	P5201-11	X			
MBHNB2	P5201-12	X			
MBHNB3	P5201-13	X			
MBHNB4	P5201-14	X			
MBHNE3	P5201-15	X			
MBHNE4	P5201-16	Х			
MBHNE5	P5201-17	X			
MBHNE6	P5201-18	X			
MBHNE7	P5201-19	Х			
MBHNE7D	P5201-20	X			
MBHNE7S	P5201-21	Х			
MBHNE8	P5201-22	Х			

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the SDG Narrative. All edits and manual integrations have been peer-reviewed. Release of the data contained in this hardcopy Complete SDG File and in the electronic data submitted has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature:	Name:	

Date:

Title:

AirbillNo: 7705 5866 0485	6 0485								
Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	around	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
P173-SB-16-Z00- 02	MBHMY5	Soil/		ICP-AES(35)	(35)	4548 (Wet ice < 6 C) (1)	P173-SB-16	11/26/2024 10:15	
P173-SB-16-Z02- 06	MBHMY6	Soil/		ICP-AES(35)	(35)	4549 (Wet ice < 6 C) (1)	P173-SB-16	11/26/2024 10:15	-
P173-SB-16-Z06- 12	MBHMY7	Soil/		ICP-AES(35)	(35)	4500 (Wet ice < 6 C) (1)	P173-SB-16	11/26/2024 10:15	
P173-SB-16-Z12- 18	MBHMY8	Soil/		ICP-AES(35)	(35) *	4501 (Wet ice < 6 C) (1)	P173-SB-16	11/26/2024 10:15	
P173-SB-16-Z18- 24	MBHMY9	Soil/		ICP-AES(35)	(35)	4502 (Wet ice < 6 C) (1)	P173-SB-16	11/26/2024 10:15	
P173-SB-16-Z24- 30	MBHMZ0	Soil/		ICP-AES(35)	35)	4503 (Wet ice < 6 C) (1)	P173-SB-16	11/26/2024 10:15	
P173-SB-16-Z30- 36	MBHMZ1	Soil/		ICP-AES(35)	35)	4504 (Wet ice < 6 C) (1)	P173-SB-16	11/26/2024 10:15	
P160-SB-05-Z00- 02	MBHNA8	Soil/		ICP-AES(35)	35)	3299 (Wet ice < 6 C) (1)	P160-SB-05	11/19/2024 09:10	
P160-SB-05-Z02- 06	MBHNA9	Soil/		ICP-AES(35)	35)	3250 (Wet ice < 6 C) (1)	P160-SB-05	11/19/2024 09:10	
P160-SB-05-Z06- 12	MBHNBO	Soil/		ICP-AES(35)	35)	3251 (Wet ice < 6 C) (1)	P160-SB-05	11/19/2024 09:10	
Special Instructions	: Samples MBH	Special Instructions: Samples MBHNG5 and MBHNE7 are MS/MSDs. Sample MBHNE4 has limited sample mass.	re MS/MSDs	. Sample MBHNE	4 has limited		Shipment for Case Complete? N Samples Transferred From Chai	Shipment for Case Complete? N Samples Transferred From Chain of Custody #	ustody #
Analysis Key: ICP-A	AES=CLP Routin	Analysis Key: ICP-AES=CLP Routine - SFAM01.1/LSASD SOP C-109 Metals	D SOP C-10	9 Metals					
Items/Reason	Relinquished by	Relinquished by (Signature and Organization)	anization)	Date/Time	Received	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt	Upon Receip
1 Cooker	S.A.	sen ye		121010124		Penn	12/7/24	1.3° T	IRcm H
				U/4	A	ý	9:55	They blent	w the
					12101-1-			autgen,	r Lin

Page 1 of 4

USEPA CLP COC (LAB COPY)

DateShipped: 12/6/2024 CarrierName: FedEx

CHAIN OF CUSTODY RECORD 68HERH20D0011

Case #: 51879

SDG # MBHMY5 No: 2-120624-103230-0054 Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	around	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
P160-SB-05-Z12- 18	MBHNB1	Soil/		ICP-AES(35)	35)	3252 (Wet ice < 6 C) (1)	P160-SB-05	11/19/2024 09:10	
P160-SB-05-Z18- 24	MBHNB2	Soil/		ICP-AES(35)	35)	3253 (Wet ice < 6 C) (1)	P160-SB-05	11/19/2024 09:10	
P160-SB-05-Z24- 30	MBHNB3	Soil/		ICP-AES(35)	35)	3254 (Wet ice < 6 C) (1)	P160-SB-05	11/19/2024 09:10	
P160-SB-05-Z30- 36	MBHNB4	Soil/		ICP-AES(35)	35)	3255 (Wet ice < 6 C) (1)	P160-SB-05	11/19/2024 09:10	
P160-SB-06-Z00- 02	MBHNE3	Soil/		ICP-AES(35)	35)	3256 (Wet ice < 6 C) (1)	P160-SB-06	11/19/2024 09:15	
P160-SB-06-Z02- 06	MBHNE4	Soil/		ICP-AES(35)	35)	3257 (Wet ice < 6 C) (1)	P160-SB-06	11/19/2024 09:15	
P160-SB-06-Z06- 12	MBHNE5	Soil/		ICP-AES(35)	35)	3258 (Wet ice < 6 C) (1)	P160-SB-06	11/19/2024 09:15	
P160-SB-06-Z12- 18	MBHNE6	Soil/		ICP-AES(35)	35)	3259 (Wet ice < 6 C) (1)	P160-SB-06	11/19/2024 09:15	
P160-SB-06-Z18- 24	MBHNE7	Soil/			1				
P160-SB-06-Z24- 30	MBHNE8			ICP-AES(35)	35)	3300 (Wet ice < 6 C) (1)	P160-SB-06	11/19/2024 09:15	*
Sample(s) to be use MS/MSDs. Sample	ed for Lab QC: MBHNE4 has I	Soil/		ICP-AES(35)	35 33		P160-SB-06	11/19/2024 09:15 11/19/2024 09:15	*
Analysis Key: 1CP-4	AES=CLP Routi	Soil/ P160-SB-06-Z18-24 limited sample mass	Tag 3300 -	ICP-AES(3 ICP-AES(3 Special Instructions	: Samples M		P160-SB-06 11/19/2024 09 P160-SB-06 11/19/2024 09 Shipment for Case Complete? N Samples Transferred From Chai	P160-SB-06 11/19/2024 09:15 • P160-SB-06 11/19/2024 09:15 • Shipment for Case Complete? N Samples Transferred From Chain of Custody #	Sustod
Items/Reason	Relinquished b	P160-SB-06-Z24- MBHNE8 Soil/ 30 30 Image: Soil/ 30 Sample(s) to be used for Lab QC: P160-SB-06-Z18-24 Tag 3300 - Special Ir MS/MSDs. Sample MBHNE4 has limited sample mass. Analysis Key: 1CP-AES=CLP Routine - SFAM01.1/LSASD SOP C-109 Metais	Tag 3300 -	ICP-AES(3 ICP-AES(3 Special Instructions	Samples M	3300 (Wet ice < 6 C) (1) 3301 (Wet ice < 6 C) (1) BHNG5 and MBHNE7 are	P160-SB-06 P160-SB-06 Shipment for Cas Samples Transfer	11/19/2024 09:15 11/19/2024 09:15 • Complete? N red From Chain of	Oustody /
1 Cooler	A A	MBHNE8 Soil/ d for Lab QC: P160-SB-06-Z18-24 Tag 3300 MBHNE4 has limited sample mass. ES=CLP Routine - SFAM01.1/LSASD SOP C	Tag 3300 -	ICP-AES(3 ICP-AES(3 Special Instructions: 09 Metals	: Samples M	3300 (Wet ice < 6 C) (1) 3301 (Wet ice < 6 C) (1) 3301 (Wet ice < 6 C) (1) Bamples MBHNG5 and MBHNE7 are Received by (Signature and Organization)	P160-SB-06 P160-SB-06 Shipment for Cas Samples Transfer Date/Time	11/19/2024 09:15 • 11/19/2024 09:15 • • Complete? N red From Chain of Custody # Sample Condition Upon Receipt	n Upon F
		Soil/ P160-SB-06-Z18-24 limited sample mass ine - SFAM01.1/LSA y (Signature and Or	4 Tag 3300 - s. ASD SOP C-1 ASD SOP C-1	ICP-AES(3 ICP-AES(3 Special Instructions: 09 Metals Date/Time リンノンピノンム ノル:45	Received t	3300 (Wet ice < 6 C) (1) 3301 (Wet ice < 6 C) (1) BHNG5 and MBHNE7 are BHNG5 and Organization)	P160-SB-06 P160-SB-06 Shipment for Case Samples Transfer Date/Time	11/19/2024 09:15 11/19/2024 09:15 • Complete? N red From Chain of Sample Conditit	Sustody PCw
		Soil/ P160-SB-06-Z18-24 limited sample mass ine - SFAM01.1/LSA y (Signature and Or	Tag 3300 -	ICP-AES(3 ICP-AES(3 Special Instructions O9 Metals Date/Time リン/ンピ/エリ ノル:セラ	Received a	3300 (Wet ice < 6 C) (1) 3301 (Wet ice < 6 C) (1) BHNG5 and MBHNE7 are V (Signature and Organization)	P160-SB-06 P160-SB-06 Samples Transfer Date/Time P2(7)2 9: 57	11/19/2024 09:15 11/19/2024 09:15 red From Chain of Sample Conditio	N Upon F
		Soil/ P160-SB-06-Z18-24 limited sample mass ine - SFAM01.1/LSA	Tag 3300 - SD SOP C-1 ganization)	ICP-AES(3 ICP-AES(3 Special Instructions: 09 Metals Date/Time リンノンピノンム ノル・45	ES(35) ES(35) Received by	3300 (Wet ice < 6 C) (1) 3301 (Wet ice < 6 C) (1) BHNG5 and MBHNE7 are by (Signature and Organization)	P160-SB-06 P160-SB-06 Samples Transfer Date/Time P2(7)2 9:57	11/19/2024 09:15 11/19/2024 09:15 red From Chain of I - 3 Thup b l	209:15 09:15 PN Pain of Custody # hain of Custody # hain of Custody #

CHAIN OF CUSTODY RECORD 68HERH20D0011

Case #: 51879 Cooler #: 1

SDG # MBHMY5 No: 2-120624-103230-0054

Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed

Lab Phone: 908-789-8900

USEPA CLP COC (LAB COPY)

CarrierName: FedEx DateShipped: 12/6/2024

Page 2 of 4

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alli	ance Technical Group	, LLC	0			Page_1_of_	<u>}</u>	
Received By (Pr	int Name	0 000	Pena			Log-in Date	e 12/7/20)24
Received By (Si		*	1.2000					
Case Number	51879	SDG	No. MBH	4Y5		MA No. N/	/Α	-
	1	- -				I		
Remarks:						Correspondir	חם	
1. Custody Seal (s)	Present, Intact			Aqueous				Remarks: Condition
2. Custody Seal Nos.	<u>n/a</u>		EPA Sample #	Water Sample pH	Sam Tag	-	Assigned	of Sample Shipment, etc.
3. Traffic Reports/Chain Of	Present	1	МВНМҮ5	N/A	4548		P5201-01	Intact
Custody Records		2	МВНМҮ6	N/A	4549		P5201-02	Intact
4. Airbill	Duccout	3	МВНМҮ7	N/A	4500		P5201-03	Intact
4. Anom	Present	4	МВНМҮ8	N/A	4501		P5201-04	Intact
5. Airbill No. and	770558660485	5	мвнмүэ	N/A	4502		P5201-05	Intact
Shipping Container ID No.	1	6	MBHMZO	N/A	4503		P5201-06	Intact
6. Shipping Container		7	MBHMZ1	N/A	4504		P5201-07	Intact
Temperature	Present	8	MBHNA8	N/A	3299		P5201-08	Intact
Indicator Bottle		9	MBHNA9	N/A	3250		P5201-09	Intact
7. Shipping Container	1.3 Degree C	10	мвниво	N/A	3251		P5201-10	Intact
Temperature		11	MBHNB1	N/A	3252		P5201-11	Intact
8. Sample Condition	Intact	12	MBHNB2	N/A	3253		P5201-12	Intact
Condition		13	MBHNB3	N/A	3254		P5201-13	Intact
		14	MBHNB4	N/A	3255		P5201-14	Intact
9. Sample Tags Sample Tag	Absent	15	MBHNE3	N/A	3256		P5201-15	Intact
Numbers	Listed on Traffic	16	MBHNE4	N/A	3257		P5201-16	Intact
	Report	17	MBHNE5	N/A	3258		P5201-17	Intact
 Does information on Traffic 	Yes	18	MBHNE6	N/A	3259		P5201-18	Intact
Reports/Chain of Custody Records		19	MBHNE7	N/A	3300		P5201-19	Intact
and Sample Tags		20	MBHNE7D	N/A	3300		P5201-20	Intact
agree ?		21	MBHNE7S	N/A	3300		P5201-21	Intact
11. Date Received at Lab	12/07/2024	22	MBHNE8	N/A	3301		P5201-22	Intact
		23	N/A	N/A	N/A		N/A	N/A
12.Time Received	09:55							

* Contact SMO and attach record of resolution

Reviewed By		Logbook No.	N/A	
Date	12/9/24	Logbook Page No.	N/A	

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

SDG NO.	мвнмұ5
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:	СН	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	~	
7. Percent Solids Log	11	13	✓	
Analysis Forms and Data (ICP-AES)				
8. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample	14	33	✓	
or sample analysis, laboratory QC as applicable 9. Instrument raw data by instrument in analysis order	34	571	✓	
Other Data				
10. Standard and Reagent Preparation Logs	572	711	✓	
11. Original Preparation and Cleanup forms or copies of Preparation and	712	713	~	
Cleanup Logbooks 12. Original Analysis or Instrument Run forms or copies of Analysis or	714	729	✓	
Instrument Logbooks 13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	
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	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	✓	
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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)				
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	✓	·
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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	✓	
or sample analysis, laboratory QC as applicable 36. Instrument raw data by instrument in analysis order NA NA V Other Data 37. Standard and Reagent Preparation Logs NA NA V 38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions 41. Extraction Logs for TCLP and SPLP 42. Raw GPC Data NA NA V	Analysis Forms and Data (Cyanide)				
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 ✓		NA	NA	✓	
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 ✓		NA	NA	✓	
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 ✓	Other Data				
Cleanup Logbooks 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions 41. Extraction Logs for TCLP and SPLP 42. Raw GPC Data		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 ✓		NA	NA	✓	
40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA ✓ 1. Extraction Logs for TCLP and SPLP NA NA ✓ 42. Raw GPC Data NA NA ✓	39. Original Analysis or Instrument Run forms or copies of Analysis or	NA	NA		
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	ECK
			FROM	TO	LAB	REGION
Additional 44. EPA Shipp	ing/Receiving Documents					
Airbill (No. of Shipments)		730	730	✓	
Sample Ta	gs		NA	NA	✓	
Sample Lo	g-In Sheet (Lab)		731	732	✓	
45. Misc. Shi	pping/Receiving Records(list all indivi	dual records)	NA	NA	✓	
46. Internal (describe	Lab Sample Transfer Records and Trackin or list)	g Sheets	733	734		
47. Other Rec (describe	ords and related Communication Logs or list)		NA	NA		. <u> </u>
48. Comments:						
Completed by: (CLP Lab)		Nimisha Pandya, Documer	t Control	Officer		
Audited by: (EPA)	(Signature)	(Print Name & Title)			(Dat	
	(Signature)	(Print Name & Title)			(Dat	te)



284 Sheffield Street Mountainside, NJ 07092

SDG NARRATIVE

USEPA SDG # MBHMY5 CASE # 51879 CONTRACT # 68HERH20D0011 SOW# SFAM01.1 LAB NAME: Alliance Technical Group, LLC LAB CODE: ACE LAB ORDER ID # P5201

A. Number of Samples and Date of Receipt

20 Soil sample were delivered to the laboratory intact on 12/07/2024.

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: 1.3°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 MBHMY5 For Arsenic:

If C = 0.0858426 ppm Vf = 100 ml W = 1.43 g S = 0.717(71.7/100) DF = 1 Concentration (mg/kg) = 0.0858426 x $\frac{100}{1.43 \text{ x } 0.717}$ x 1 = 8.372355 mg/kg = 8.4 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, Arsenic, Barium, Copper, Selenium, Silver. Duplicate sample did meet requirements. Serial Dilution did meet requirements except for Beryllium.

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: 12/12/2024

OVENTEMP IN Celsius (°C): 107 Time IN: 14:35 In Date: 12/11/2024 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: 12/12/2024 Weight Check 1.0g: 1.00 Weight Check 10g: 10.00 BalanceID: M SC-4 Thermometer ID: % SOLID- OVEN

QC:LB133891

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Sample	Dish+Dry Sample Wt(g)(C)	% Solid	Comments
P5201-01	МВНМҮ5	1	1.17	8.40	9.57	7.19	71.7	
P5201-02	МВНМҮ6	2	1.19	8.52	9.71	7.41	73.0	
P5201-03	МВНМҮ7	3	1.16	8.70	9.86	7.96	78.2	
P5201-04	МВНМҮ8	4	1.15	8.48	9.63	7.86	79.1	
P5201-05	МВНМҮ9	5	1.15	8.35	9.5	7.62	77.5	
P5201-06	MBHMZ0	6	1.16	8.78	9.94	8.66	85.4	
P5201-07	MBHMZ1	7	1.13	8.77	9.9	8.85	88.0	
P5201-08	MBHNA8	8	1.12	8.68	9.8	7.77	76.6	
P5201-09	MBHNA9	9	1.15	8.40	9.55	7.61	76.9	
P5201-10	MBHNB0	10	1.13	8.74	9.87	8.02	78.8	
P5201-11	MBHNB1	11	1.18	8.50	9.68	8.07	81.1	
P5201-12	MBHNB2	12	1.12	8.73	9.85	8.22	81.3	
P5201-13	MBHNB3	13	1.18	8.51	9.69	8.26	83.2	
P5201-14	MBHNB4	14	1.14	8.63	9.77	8.38	83.9	
P5201-15	MBHNE3	15	1.16	8.54	9.7	8.04	80.6	
P5201-16	MBHNE4	16	1.19	8.45	9.64	8.26	83.7	
P5201-17	MBHNE5	17	1.17	8.60	9.77	8.31	83.0	
P5201-18	MBHNE6	18	1.19	8.38	9.57	8.48	87.0	
P5201-19	MBHNE7	19	1.18	8.68	9.86	8.6	85.5	
P5201-20	MBHNE7D	20	1.18	8.68	9.86	8.6	85.5	
P5201-21	MBHNE7S	21	1.18	8.68	9.86	8.6	85.5	
P5201-22	MBHNE8	22	1.19	8.45	9.64	8.4	85.3	

$\text{Solid} = \frac{(C-A) + 100}{2}$
(B-A)

-IST(Hardcopy Internal Chain) パープスタイ	Chemistry	A DOLLARD DOLLARD	Preservative Customer Storage Collect Date Method		Cool 4 deg C USEP01 C32 41/re1000	Cool 4 deg C USFP01 Con	Cool 4 day C		Cool 4 deg C USEP01 C32 11/26/2024	Cool 4 deg C USEP01 C32 11/19/2024	Cool 4 deg C USEP01 C32	Cool 4 deg C USEP01 C32 11/19/2024	Cool 4 deg C USEP01 C32 11/19/2024	Cool 4 deg C USEP01 C32 11/10/2004	Cool 4 deg C USEP01 C32	Cool 4 deg C USEP01 C32 11/19/2024	Cool 4 deg C USEP01 C32 11/19/2024	Cool 4 deg C USEP01 C32	Cool 4 deg C USEP01 C32 11/19/2024	Date/Time 12-11, M 16, 11, 0	Page 1 of 2 Raw Sample Received by:							
WORKLIST(Hardcopy Internal Chain)	186233 Department :	- A	Test Preservative			Percent Solids Cool 4 deg C	Percent Solids Cool 4 dea C																N		Percent Solids Cool 4 deg C		0	
	WorkList ID		Customer Sample Matrix 1	1	Solid	Solid	Solid	Solid	Solid			Diloc		Diloc				Solid Pe			Solid Pe				Solid		the auto	Jul 15m)
	WorkList Name: %1-p5201	Sample		P5201-01 MBHMY5	P5201-02 MRHMV6			P5201-04 MBHMY8	P5201-05 MBHMY9	P5201-06 MBHMZ0	P5201-07 MBHMZ1	P5201-08 MBHNA8	P5201-09 MBHNA9	P5201-10 MBHNB0	P5201-11 MBHNB1	P5201-12 MBHNB2	P5201-13 MBHNR3	P5201-14 MBHNB4	P5201-15 MBHNE3	P5201-16 MBHNE4	P5201-17 MBHNE5	P5201-18 MBHNE6	P5201-19 MBHNE7	P5201-20 MBHNE7D	P5201-21 MBHNE7S	Date/Time 12-11-24		Raw Sample Relinquished by:

102201		Raw Sample Collect Date Method		C32 11/19/2024 Chemtech -SO
ain)	Department : Wet-Chemistry	Customer		USEP01
WORKLIST(Hardcopy Internal Chain)	Department :	Preservative		COOI 4 deg C
WORKLIST(H	WorkList ID: 186233	Matrix Test	Solid Percent Solids	
	%1-p5201	Customer Sample	MBHNE8	
	WorkList Name: %1-p5201	Sample	P5201-22	

رج م マス The world Date/Time 12-11-24 13 150 Raw Sample Received by: Raw Sample Relinquished by:

0 5141 Raw Sample Relinquished by: Raw Sample Received by: Date/Time

Page 2 of 2