### SDG COVER PAGE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011 SDG No.: MCOPI2 Lab Code: Case No.: 51716 MA No.: SOW No. : SFAM01.1 Analysis Method Lab Sample Id ICP-AES EPA Sample No. ICP-MS Mercury Cyanide MC0PI2 P4607-01 Χ Χ MC0PI6 P4607-02 Χ Χ MC0PI7 P4607-03 Χ Χ MC0PI8 P4607-04 Χ MC0PI9 P4607-05 Χ Χ MCC0P0 P4607-06 Χ Χ MCC0P1 P4607-07 Χ Χ MCC0P2 P4607-08 Χ Χ P4607-09 MCC0P3 Χ Χ MCC0P4 P4607-10 Χ Χ MCC0P5 P4607-11 Χ Χ MCC0P6 P4607-12 Χ Χ MCC0P7 P4607-13 Χ Χ Χ Χ MCC0P8 P4607-14 MCC0P9 P4607-15 Χ Χ MCC0Q0 P4607-16 Χ Χ MCC0Q1 P4607-17 Χ Χ MCC0Q2 P4607-18 Χ Χ MCC0Q3 P4607-19 Χ Χ MCC0R7 P4607-20 Χ Χ MCC0R7D P4607-21 Χ Χ P4607-22 Χ MCC0R7S Χ I certify that this data package is in compliance with the terms and conditions of the

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:	1	Name:	
Date:		Title:	

## USEPA CLP COC (LAB COPY)

DateShipped: 10/28/2024 CarrierName: FedEx AirbillNo: 7795 7224 5224

## CHAIN OF CUSTODY RECORD

Case #: 51716 Cooler #: Metals 2

No: 3-102824-135035-0006

Lab: Alliance Technical Group, LLC
Lab Contact: Yazmeen Gomez
Lab Phone: 908-789-8900

	Sample No.	and the second	Method	(Days)	i agir i caci satisat portica		Date/Time	Only
PDA-SB01-	MC0PI2	Soil/ START	Grab	ICP-AES(21)	1022 (<6C) (1)	SB01	10/22/2024 09:15	
201.4202					/			1 3
PDA-SB20- 20241022	MC0P16	Soil/ START	Grab	ICP-AES(21)	1036(<6C)(1)	SB20	10/22/2024 10:10	1
PDA-SS20- 20241022	MC0P17	Soil/ START	Grab	ICP-AES(21)	1039 (<6C) (1)	SS20	10/22/2024 10:10	`.
PDA-DUP01- 20241022	MC0P18	Soil/ START	Grab	ICP-AES(21)	1042 (<6C) (1)	DUP01	10/22/2024 12:00	`
PDA-SB03- 20241022	MC0P19	Soil/ START	Grab	ICP-AES(21)	1045 (<6C) (1)	SB03	10/22/2024 11:00	`.
PDA-SS03- 20241022	MCCOPO	Soil/ START	Grab	ICP-AES(21)	1048 (<6C) (1)	SS03	10/22/2024 11:00	`
PDA-SB04- 20241022	MCC0P1	Soil/ START	Grab	ICP-AES(21)	1051 (<6C) (1)V	SB04	10/22/2024 11:55	1
PDA-SS04- 20241022	MCC0P2	Soil/ START	Grab	ICP-AES(21)	1054 (<6C) (1)/	SS04	10/22/2024 11:55	`
PDA-SB05- 20241022	MCC0P3	Soil/ START	Grab	ICP-AES(21)	1057 (<6C) (1)	SB05	10/22/2024 12:50	`
PDA-SS05- 20241022	MCC0P4	Soil/ START	Grab	ICP-AES(21)	1060 (<6C) (1)	SS05	10/22/2024 12:50	\

			<b>Shipment for Case Complete? N</b>	Complete? N
Special Instructions:		(0)	Samples Transferre	Samples Transferred From Chain of Custody #
Analysis Key: ICP-AES=CLP ICP-AES Metals + Hg		-		
Items/Reason Relinquished by (Signature and Organization)	) Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
-d/15 1-70 M	10/28/24	}	7.2.2 42-82-01	2.2.6
Jun Jun 1 (+1)	1633		035	日でてき
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				The and collect

## USEPA CLP COC (LAB COPY)

DateShipped: 10/28/2024 CarrierName: FedEx AirbillNo: 7795 7224 5224

## CHAIN OF CUSTODY RECORD

Case #: 51716 Cooler #: Metals 2

No: 3-102824-135035-0006

Lab: Alliance Technical Group, LLC

Lab Contact: Yazmeen Gomez Lab Phone: 908-789-8900

Sample Identifier	Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
PDA-SB06- 20241022	MCC0P5	Soil/ START	Grab	ICP-AES(21)	1063 (<6C) (1)	SB06	10/22/2024 13:55	`
PDA-SS06- 20241022	MCC0P6	Soil/ START	Grab	ICP-AES(21)	1066 (<6C) (1)	SS06	10/22/2024 13:55	`
PDA-SB07- 20241022	MCC0P7	Soil/ START	Grab	ICP-AES(21)	1069 (<6C) (1) V	SB07	10/22/2024 14:35	`
PDA-SS07- 20241022	MCC0P8	Soil/ START	Grab	ICP-AES(21)	1072 (<6C) (1) V	SS07	10/22/2024 14:35	`
PDA-SB08- 20241022	MCC0P9	Soil/ START	Grab	ICP-AES(21)	1075 (<6C) (1) V	SB08	10/22/2024 15:15	`
PDA-SS08- 20241022	MCC0Q0	Soil/ START	Grab	ICP-AES(21)	1078 (<6C) (1) V	SS08	10/22/2024 15:15	`
PDA-SB09- 20241022	MCC0Q1	Soil/ START	Grab	ICP-AES(21)	1081 (<6C) (1)	SB09	10/22/2024 15:50	` .
PDA-SS09- 20241022	MCC0Q2	Soil/ START	Grab	ICP-AES(21)	1084 (<6C) (1) <sub>V</sub>	SS09	10/22/2024 15:50	` .
PDA-SS10- 20241022	MCC0Q3	Soil/ START	Grab	ICP-AES(21)	1087 (<6C) (1)	SS10	10/22/2024 16:15	

			Items/Reason
		Joh Shih START	Relinquished by (Signature and Organization)
		5591 12/82/01	Date/Time
		8	Received by (Signature and Organization)
		0955	Date/Time
TEND OTHER SHEET	steel this hours	12.2°C	e/Time Sample Condition Upon Receipt

Special Instructions:

Samples Transferred From Chain of Custody #

Shipment for Case Complete? N

Analysis Key: ICP-AES=CLP ICP-AES Metals + Hg

Page 2 of 2

## USEPA CLP COC (LAB COPY)

DateShipped: 10/28/2024 AirbiliNo: 7795 7250 1072 CarrierName: FedEx

## CHAIN OF CUSTODY RECORD

Cooler #: Metals 2 Case #: 51716

No: 3-102824-140023-0007

Lab: Alliance Technical Group, LLC
Lab Contact: Yazmeen Gomez
Lab Phone: 908-789-8900

	Sample No.	man w Campion	Method	(Days)	G		Date/Time	Only
PDA-SS16- 20241023	MCC0R2	Sail/ START	Grab	ICP-AES(21)	1114 (<6C) (1)/	SS16	10/23/2024 13:45	
PDA-SB16- 20241023	MCCOR3	Soil/ START	Grab	ICP-AES(21)	1117 (<6C) (1)	SB16	10/23/2024 13:45	
PDA-DUP04- 20241023	MCC0R4	Soil/ START	Grab	ICP-AES(21)	1120 (<6C) (1)	DUP04	10/23/2024 12:00	
PDA-SB02- 20241023	MCC0R5	Soil/ START	Grab	ICP-AES(21)	1123 (<6C) (1) V	SB02	10/23/2024 14:45	
PDA-SS02- 20241023	MCC0R6	Soil/ START	Grab	ICP-AES(21)	1128/(<6C), 1140\(<6C) (2)	SS02	10/23/2024 14:45	
PDA-SB21- 20241023	MCC0R7	Soil/ START	Grab	ICP-AES(21)	1129,/<6C), 1145(/<6C) (2)	SB21	10/23/2024 15:34 VQ W	VO 5
PDA-SS21- 20241023	MCC0R8	Soil/ START	Grab	ICP-AES(21)	1132,(-6C) (1)	SS21	10/23/2024 15:34	

Analysis Key: ICP-AES=CLP ICP-AES Metals + Hg	Sample(s) to be used for Lab QC: PDA-SS02-20241023 Tag 1140, PDA-SB21-20241023 Tag 1145	Snipment for Case Complete? N
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Eistody Seal Inter					
TR.6_# 2.4.	15.59.24	Che-	10/28/24	In Shule START	
Sample Condition Upon Receipt	፟፝	Received by (Signature and Organization)	Date/Time	Relinquished by (Signature and Organization)	Items/Reason

### FORM DC-1 SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group	, LLC	Page 1 of L		
Received By (Print Name)	an Kire	Log-in Date 10/29/2024		
Received By (Signature)				
Case Number 51716	SDG No. MC0PI2	MA No. N/A		

	I
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	779572245224
Shipping Container ID No.	1
15 10.	-
Shipping Container     Temperature     Indicator Bottle	Present
7. Shipping Container Temperature	2.2 Degree C
8. Sample Condition	Intact
9. Sample Tags	Absent
Sample Tag Numbers	Listed on Traffic
14mmper2	Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	10/29/2024
12.Time Received	09:55

			Correspond	ding	
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	MC0PI2	N/A	1022	P4607-01	Intact
2	MC0PI6	N/A	1036	P4607-02	Intact
3	MC0PI7	N/A	1039	P4607-03	Intact
4	MC0PI8	N/A	1042	P4607-04	Intact
5	MC0PI9	N/A	1045	P4607-05	Intact
6	мссоро	N/A	1048	P4607-06	Intact
7	MCC0P1	N/A	1051	P4607-07	Intact
8	MCC0P2	N/A	1054	P4607-08	Intact
9	мссорз	N/A	1057	P4607-09	Intact
10	MCC0P4	N/A	1060	P4607-10	Intact
11	MCC0P5	N/A	1063	P4607-11	Intact
12	мссор6	N/A	1066	P4607-12	Intact
13	МССОР7	N/A	1069	P4607-13	Intact
14	MCC0P8	N/A	1072	P4607-14	Intact
15	МССОР9	N/A	1075	P4607-15	Intact
16	MCC0Q0	N/A	1078	P4607-16	Intact
17	MCC0Q1	N/A	1081	P4607-17	Intact
18	MCC0Q2	N/A	1084	P4607-18	Intact
19	MCC0Q3	N/A	1087	P4607-19	Intact
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A

\* Contact SMO and attach record of resolution

Reviewed By		Logbook No.	N/A
Date	10/29/24	Logbook Page No.	N/A

### FORM DC-1 SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC Page 2 of 2						
Received By (Print Name)	Log-in Date 10/29/2024					
Received By (Signature)						
Case Number 51716	SDG No. MCOP12	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.	779572501072 2				
6. Shipping Container Temperature Indicator Bottle	Present				
7. Shipping Container Temperature	2.4 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	10/29/2024				
12.Time Received	09:55				

			Correspon		
	EPA Sample #	Aqueous Water Sample pH	, Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MCC0R7	N/A	1129,1145	P4607-20	Intact
2	MCC0R7D	N/A	1129,1145	P4607-21	Intact
3	MCC0R7S	N/A	1129,1145	P4607-22	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	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A

\* Contact SMO and attach record of resolution

Reviewed By		Logbook No.	N/A
Date	10/29/24	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.	51716	SDG NO.	MCOPI2	
MA NO.		SOW NO.	SFAM01.1	<del>_</del>
				<del></del>

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

PAGE NOSE   CHECK   TROM	, , , , , , , , , , , , , , , , , , , ,				
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  10. 12. ✓  6. Communication Logs  7. Percent Solids Log  13. 16. ✓  7. Percent Solids Log  17. 19 ✓  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  20. 38 ✓  Cleanup Loghooks  11. Original Preparation and Cleanup forms or copies of Preparation and cleave Loghooks  12. Performance Evaluation (PE)/Proficiency Testing (PT) Sample  13. Raw GPC Bata  14. Sample Analysis Data Forms (IA-OR, 1B-OR, and 1-IN) for each sample or sample only only only only only only only only		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  10. 12					
3. Sample Log-In Sheet (DC-1) 4. CSF Inventory Sheet (DC-2) 7	1. SDG Cover Page	1	1	✓	
4. CSF Inventory Sheet (DC-2) 5. SDG Narrative 6. Communication Logs 7. Percent Solids Log 13 16 ✓ 7. Percent Solids Log 17 19 ✓  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 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 642 643 ✓ Cleanup Logbooks 12. Original Analysis or Instrument Run forms or copies of Analysis or 11strument 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  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 OC 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 Analysis or NA NA ✓ Cleanup Logbooks 21. Original Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample NA NA ✓ Cleanup Logbooks 22. Original Preparation and Cleanup forms or copies of Preparation and NA NA ✓ Cleanup Logbooks 23. Original Analysis or Instrument Run forms or copies of Analysis or NA NA ✓ Instrument Logbooks 24. Performance Evaluation (PE)/Froficiency Testing (PT) Sample NA NA NA ✓ Cleanup Logbooks 25. Performance Evaluation (PE)/Froficiency Testing (PT) Sample NA NA NA ✓ Cleanup Logbooks 26. Performance Evaluation (PE)/Froficiency Testing (PT) Sample NA NA NA ✓ Cleanup Logbooks 27. Performance Evaluation (PE)/Froficiency Testing (PT) Sample NA NA NA V	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. 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 Dogs Forms (PE)/Froficiency Testing (PT) Sample NA NA V Instructions 14. Extraction Logs for TCLP and SPLP NA 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 NA NA NA V  Other Data 19. Standard and Reagent Preparation Logs 20. Original Preparation and Cleanup forms or copies of Analysis or NA NA V  Other Data 21. Original Preparation SPLP NA NA NA V  Other Data 22. Original Preparation and Cleanup forms or copies of Preparation and Cleanup forms or copies of Preparation ANA NA V  Other Data 23. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 24. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 25. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA NA V  26. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA NA V	3. Sample Log-In Sheet (DC-1)	5	6	<b>✓</b>	
6. Communication Logs 7. Percent Solids Log 13 16 ✓ 7. Percent Solids Log 17 19 ✓  Analysis Forms and Data (ICP-AES)  8. Sample Analysis Data Forms (IA-OR, IB-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 9. Instrument raw data by instrument in analysis order  20 38 ✓  Other Data 10. Standard and Reagent Preparation Logs 498 641 ✓ 11. Original Preparation and Cleanup forms or copies of Preparation and 642 643 ✓ Cleanup Logbooks 12. Original Analysis or Instrument Run forms or copies of Analysis or 644 663 ✓ Instrument Logbooks 13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA ✓ Instructions 14. Extraction Logs for TCLP and SPLP 15. Raw GPC Data NA NA ✓  Analysis Forms and Data (ICP-MS)  17. Sample Analysis Data Forms (IA-OR, IB-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 18. Instrument Logbooks 19. Standard and Reagent Preparation Logs 19. Standard and Reagent Preparation Logs 20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 10. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 10. Original Preparation Instrument Run forms or copies of Analysis or NA NA ✓ 10. Instrument Logbooks 10. Original Analysis or Instrument Run forms or copies of Analysis or NA NA ✓ 10. Instrument Logbooks 10. Preforance Evaluation (PE)/Proficiency Testing (PT) Sample 10. NA NA ✓ 10. NA NA ✓ 10. Preforance Evaluation (PE)/Proficiency Testing (PT) Sample 10. NA NA ✓ 10. Preforance Evaluation (PE)/Proficiency Testing (PT) Sample 10. NA NA ✓ 11. Sample NA NA V	4. CSF Inventory Sheet (DC-2)	7	9	✓	
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 QC as applicable 9. Instrument raw data by instrument in analysis order 39 497 ✓  Other Data  10. Standard and Reagent Preparation Logs 498 641 ✓ 11. Original Preparation and Cleanup forms or copies of Preparation and 642 643 ✓ 12. Original Analysis or Instrument Run forms or copies of Analysis or 644 663 ✓ Instrument Logbooks 12. Original Analysis or Instrument Run forms or copies of Analysis or Instructions 14. Extraction Logs for TCLP and SPLP NA NA NA ✓ 15. Raw GPC Data NA 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 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 ✓  Cleanup Logbooks NA NA NA ✓  Other Data  19. Standard and Reagent Preparation Logs NA NA NA ✓  Instrument Logbooks NA NA NA ✓  20. Original Preparation and Cleanup forms or copies of Preparation and NA NA ✓  Instrument Logbooks NA NA NA ✓  21. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA NA ✓	5. SDG Narrative	10	12	<b>✓</b>	
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 39 497 ✓  Other Data  10. Standard and Reagent Preparation Logs 498 641 ✓ 11. Original Preparation and Cleanup forms or copies of Preparation and 642 643 ✓ 11. Original Analysis or Instrument Run forms or copies of Analysis or 644 663 ✓ 11. Original Analysis or Instrument Run forms or copies of Analysis or 644 663 ✓ 11. Original Analysis or Instrument Logbooks 13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA ✓ 11. Standard and Reagent Preparation Analysis or 7. NA NA ✓ 12. Restructions 14. Extraction Logs for TCLP and SPLP NA NA NA ✓ 14. Extraction Logs for TCLP and SPLP NA NA NA ✓ 14. Restructions 15. Rew GPC Data NA NA NA ✓ 15. Rew GPC Data NA NA NA ✓ 16. Rew Florisil Data NA NA ✓ 16. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA NA NA ✓ 16. Rew Florisil Data NA NA ✓ 16. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample NA NA ✓ 16. Rew Florisil Data NA NA NA ✓ 16. Rew Florisil Data NA NA NA ✓ 16. Rew Florisil Data NA	6. Communication Logs	13	16	<b>✓</b>	
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 498 641  11. Original Preparation and Cleanup forms or copies of Preparation and 642 643  12. Original Analysis or Instrument Run forms or copies of Analysis or 644 663  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  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 NA  Other Data 19. Standard and Reagent Preparation Logs NA NA NA  Other Data 19. Standard and Reagent Preparation Logs NA NA NA  Instrument Logbooks 10. Original Preparation and Cleanup forms or copies of Preparation and NA NA  Instrument Logbooks 11. Original Analysis or Instrument Run forms or copies of Analysis or NA NA  Instrument Logbooks 12. Original Analysis or Instrument Run forms or copies of Analysis or NA NA  Instrument Logbooks 13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA  Instrument Logbooks 14. Extraction Logs NA NA NA  Instrument Logbooks 15. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA  Instrument Logbooks 16. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA  Instrument Logbooks 17. Sample Analysis or Instrument Run forms or copies of Analysis or NA NA  Instrument Logbooks 18. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA  Instrument Logbooks	7. Percent Solids Log	17	19	✓	
or sample analysis, laboratory QC as applicable 9. Instrument raw data by instrument in analysis order  39 497   Other Data 10. Standard and Reagent Preparation Logs 498 641   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 644 663   Instrument Logbooks 13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample	Analysis Forms and Data (ICP-AES)				
9. Instrument raw data by instrument in analysis order  Other Data  10. Standard and Reagent Preparation Logs		20	38	✓	
10 . Standard and Reagent Preparation Logs 498 641    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 644 663    Instrument Logbooks 13 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample   Instructions 14 . Extraction Logs for TCLF and SPLP    NA NA     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    NA NA     Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks    1 . Original Analysis or Instrument Run forms or copies of Analysis or    NA NA     Instrument Logbooks    2 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample    NA NA      NA NA		39	497	✓	
10 . Standard and Reagent Preparation Logs 498 641    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 644 663    Instrument Logbooks 13 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample   Instructions 14 . Extraction Logs for TCLF and SPLP    NA NA     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    NA NA     Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks    1 . Original Analysis or Instrument Run forms or copies of Analysis or    NA NA     Instrument Logbooks    2 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample    NA NA      NA NA	Other Data				
Cleanup Logbooks  12 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks  13 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample		498	641	✓	
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		642	643	✓	
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	644	663	✓	
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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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	✓	
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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 ✓	19. Standard and Reagent Preparation Logs	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 :	NOs:	CH	IECK
	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	664	682	✓	
or sample analysis, laboratory QC as applicable 27. Instrument raw data by instrument in analysis order	683	685	✓	
Other Data				
28 . Standard and Reagent Preparation Logs	686	714	✓	
29. Original Preparation and Cleanup forms or copies of Preparation and	715	716		
Cleanup Logbooks 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	717	720	_	
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	<b>✓</b>	
Other Data				
37. Standard and Reagent Preparation Logs	NA	NA	<b>√</b>	
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Instrument Logbooks 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample	NA	NA	<u> </u>	·
Instructions 41. Extraction Logs for TCLP and SPLP	NA	NA		
42 . Raw GPC Data	NA	NA		·
43. Raw Florisil Data	NA	NA	<u> </u>	. ——
10 . 1.4.1 11011011 2404	1477	1477		

			PAGE NOs:		CHECK	
			FROM	TO	LAB	REGION
Additional						
44. EPA Shipp	ping/Receiving Documents					
Airbill	(No. of Shipments)		721	722	✓	_
Sample Ta	ags		NA	NA	✓	_
Sample Lo	og-In Sheet (Lab)		723	725	✓	_
45. Misc. Sh	ipping/Receiving Records(list all in	dividual records)				
			NA	NA		
46. Internal	Lab Sample Transfer Records and Tra	cking Sheets				_
(describe	e or list)					
			726	729		
	cords and related Communication Logs					
(describe	e or list)		NA	NA		
						- ——
48. Comments	:					
Completed by (CLP Lab)	<b>'</b> :					
(CLF Lab)	(Signature)	Nimisha Pandya, Do (Print Name & Tit		Officer	(Da	te)
Audited by:	(1-5	(11110 110110 0 110	,		(20	/
(EPA)					_	
	(Signature)	(Print Name & Tit	le)		(Da	te)



### **SDG NARRATIVE**

USEPA
SDG # MC0PI2
CASE # 51716
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # P4607

### A. Number of Samples and Date of Receipt

19 Soil samples were delivered to the laboratory intact on 10/29/2024

### 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 & Mercury.

### C. Cooler Temp

Indicator Bottle: Presence/Absence

Cooler: 2.2°C, 2.4°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.

Issue 2: The laboratory received sample MCC0P0 in two separate coolers and the sample is listed in both attached COCs.

### 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.

Resolution 2: Per Region 3, a revised COC will be provided as soon as possible. The laboratory should place sample MCC0P0 in SDG MCC0P0, note the issue in the SDG Narrative and proceed with the analysis of the samples.



### 284 Sheffield Street Mountainside, NJ 07092

### 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) = 
$$C \times Vf \times VF$$
  
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 MC0PI2 For Antimony:**

If 
$$C = 0.0386378 \text{ ppm}$$
  
 $Vf = 100 \text{ ml}$   
 $W = 1.43 \text{ g}$   
 $S = 0.947(94.7/100)$   
 $DF = 1$ 

Concentration (mg/kg) = 
$$0.0386378 \text{ x}$$
  $\frac{100}{1.43 \text{ x}} 0.947 \text{ x}$  1  
=  $2.85316 \text{ mg/kg}$   
=  $2.9 \text{ mg/kg}$  (Reported Result with Signification)

### **Calculation for Hg Soil Sample:**

Conversion of Results from µg /L or ppb to mg/kg:

Concentration (mg/kg) = 
$$C \times Vf \times DF / 1000$$
  
W x S



### 284 Sheffield Street Mountainside, NJ 07092

Where,

C = Instrument response in  $\mu$ g/L from the calibration curve.

Vf = Final prepared (absorbing solution) volume (mL)

W = Initial aliquot amount (g) (Fraction of Sample amount taken in prep)

S = % Solids / 100 (Fraction of Percent Solids)

DF = Dilution Factor

### **Example Calculation For Sample MC0PI2:**

If C = 
$$6.3367 \text{ ppb}$$
  
Vf =  $100 \text{ mL}$   
W =  $0.54g$   
S =  $0.947(94.7/100)$   
DF =  $1$ 

Concentration (mg/kg) = 
$$6.3367 \times \frac{100}{0.54 \times 0.947} \times 1 / 1000$$

= 1.239137 mg/kg

= 1.2 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 Lead, Manganese, Selenium, Silver, Thallium, and Zinc. Duplicate sample did meet requirements except for Aluminum, Chromium, Iron, Manganese, Vanadium, and Zinc. 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: Nimisna Pandya
Date	Title: Document Control Officer

From: Bett, Daisy <Daisy.Bett@gdit.com>
Sent: Tuesday, November 19, 2024 3:16 PM

**To:** Sohil Jodhani; Deepak Parmar; Mohammad Ahmed

Cc:burman.jarmael@epa.gov; Roberson, Sharon; Bauer, Heather E; Johnson, MatthewSubject:Region 03 | Case 51716 | Lab ACE | Issue Incorrect/duplicated sample IDs | FINAL

**Attachments:** P4607-TR.pdf; P4608-TR.pdf

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**Secured by Check Point** 

### Good afternoon,

Issue: The laboratory received sample MCCOPO in two separate coolers and the sample is listed in both attached COCs. Resolution: Per Region 3, a revised COC will be provided as soon as possible. The laboratory should place sample MCCOPO in SDG MCCOPO, note the issue in the SDG Narrative and proceed with the analysis of the samples.

Please note that the laboratory may contact the appropriate CLP PM should any defects need to be waived for this issue.

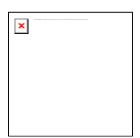
Thank you,
Daisy Bett
Research Analyst Associate
GDIT Federal Civilian Division
EPA Region 2&3 CLP QSS Coordinator
Under contract to the EPA

T: 571.454.0186

daisy.bett@gdit.com

15036 Conference Center Drive
Chantilly, VA 20151

www.gdit.com



GENERAL DYNAMICS Information Technology

Leave alert: Nov 29<sup>th</sup>

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From: Burman, Jarmael < Burman. Jarmael@epa.gov>

**Sent:** Tuesday, November 19, 2024 1:48 PM **To:** Bett, Daisy < Daisy.Bett@gdit.com >

Cc: Roberson, Sharon < Roberson. Sharon@epa.gov>

Subject: RE: NEW ISSUE | Case 51716 | Lab ACE | Issue Incorrect/duplicated sample IDs

### This Message Is From an External Sender

Please use caution with links, attachments, and any requests for credentials.

### Good afternoon Daisy,

Have ACE make note of the issue in their SDG Narrative, proceed with the analysis of the samples, placing Sample MCCOPO in SDG MCCOPO. I will email revised COCs as soon as possible.

Jarmael Burman
US EPA Region 3 - CLP RR/RSCC/DDS/QA Chemist/DAS PO/EEOC
701 Mapes Road
Fort Meade, Maryland 20755-5350
(410) 305-2743 (office)
(410) 305-3095 (fax)

From: Bett, Daisy < Daisy.Bett@gdit.com >
Sent: Tuesday, November 19, 2024 1:21 PM
To: Burman, Jarmael < Burman.Jarmael@epa.gov >
Cc: Roberson, Sharon < Roberson.Sharon@epa.gov >

Subject: NEW ISSUE | Case 51716 | Lab ACE | Issue Incorrect/duplicated sample IDs

Importance: High

**Caution:** This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Good afternoon Jay,

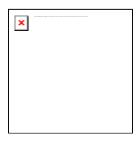
Please see the below issue from ACE.

Issue: The laboratory received sample MCCOPO in two seperate coolers and the sample is listed in both attached COCs. The laboratory would like to know how to proceed.

Thank you,
Daisy Bett
Research Analyst Associate
GDIT Federal Civilian Division
EPA Region 2&3 CLP QSS Coordinator

### Under contract to the EPA

T: 571.454.0186 daisy.bett@gdit.com 15036 Conference Center Drive Chantilly, VA 20151 www.gdit.com



GENERAL DYNAMICS Information Technology

Leave alert: Nov 29<sup>th</sup>

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From: Sohil Jodhani <Sohil.Jodhani@alliancetg.com>

Sent: Tuesday, November 19, 2024 9:07 AM To: Bett, Daisy <Daisy.Bett@gdit.com>

Cc: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Deepak Parmar <Deepak.Parmar@AllianceTG.com> Subject: REGION 3 | CASE 51716 | LAB ACE | SDG E27G9 | SOW SFAM-ORG | CONTRACT 68HERH20D0011 | ISSUE DASS

**SUPPORT** 

### This Message Is From an External Sender

Please use caution with links, attachments, and any requests for credentials.

### Hello,

Lab has received sample MCC0P0 in two different coolers as you can see attached two COCs therefore lab would like to confirm that the how should lab proceed with this sample. The two SDGs are affected by this sample and the SDGS are due today.

### Thanks & Regards,



Sohil Jodhani QA/QC Director **An Alliance Technical Group Company** Main: 908-789-8900

Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092



### PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/30/2024

OVENTEMP IN Celsius (°C): 107

OVENTEMP OUT Celsius (°C): 103

Time IN: 15:35 Time OUT: 08:15

 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: % SOLIDS-OVEN

**QC:**LB133202

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
P4607-01	MC0PI2	1	1.18	8.42	9.6	9.15	94.7	
P4607-02	MC0PI6	2	1.14	8.64	9.78	8.53	85.5	
P4607-03	MC0PI7	3	1.17	8.65	9.82	9.06	91.2	
P4607-04	MC0PI8	4	1.15	8.84	9.99	8.31	81.0	
P4607-05	MCOPI9	5	1.18	8.63	9.81	8.68	86.9	
P4607-06	MCC0P0	6	1.15	8.57	9.72	9.1	92.8	
P4607-07	MCC0P1	7	1.13	8.70	9.83	9.42	95.3	
P4607-08	MCC0P2	8	1.15	8.78	9.93	9.58	96.0	
P4607-09	MCC0P3	9	1.13	8.61	9.74	8.68	87.7	
P4607-10	MCC0P4	10	1.14	8.41	9.55	9.17	95.5	
P4607-11	MCC0P5	11	1.17	8.55	9.72	8.77	88.9	
P4607-12	MCC0P6	12	1.14	8.64	9.78	9.11	92.2	
P4607-13	MCC0P7	13	1.18	8.33	9.51	8.51	88.0	
P4607-14	MCC0P8	14	1.18	8.57	9.75	8.71	87.9	
P4607-15	MCC0P9	15	1.15	8.56	9.71	8.71	88.3	
P4607-16	MCC0Q0	16	1.16	8.40	9.56	8.7	89.8	
P4607-17	MCC0Q1	17	1.17	8.53	9.7	8.68	88.0	
P4607-18	MCC0Q2	18	1.13	8.54	9.67	8.43	85.5	
P4607-19	MCC0Q3	19	1.13	8.47	9.6	6.8	66.9	
P4607-20	MCC0R7	20	1.15	8.37	9.52	7.95	81.2	
P4607-21	MCC0R7D	21	1.15	8.37	9.52	7.95	81.2	
P4607-22	MCC0R7S	22	1.15	8.37	9.52	7.95	81.2	

# WORKLIST(Hardcopy Internal Chain)

M) 133202

%1-p4607

WorkList Name:

Department: Wet-Chemistry WorkList ID: 184945

10/22/2024 Chemtech -SO 10/22/2024 Chemtech -SO Chemtech -SO Chemtech -SO 10/22/2024 Chemtech -SO Chemtech -SO Chemtech -SO Chemtech -SO 10/22/2024 Chemtech -SO Chemtech -SO Chemtech -SO 10/22/2024 Chemtech -SO Chemtech -SO Chemtech -SO Chemtech -SO 10/22/2024 Chemtech -SO Chemtech -SO Chemtech -SO 10/23/2024 Chemtech -SO Chemtech -SC Chemtech -SC Date: 10-29-2024 13:43:03 Collect Date Method 10/22/2024 0/22/2024 10/22/2024 10/22/2024 10/23/2024 10/22/2024 10/22/2024 10/22/2024 10/22/2024 10/22/2024 10/22/2024 10/22/2024 10/22/2024 10/22/2024 Raw Sample Location Storage Q31 Q31 Q31 031 Q31 Q31 Q31 Q31 Q31 Q31 Q31 Q31 Q31 031 031 031 Q31 Q31 031 Q31 Q31 USEP01 Sustomer USEP01 Cool 4 deg C Preservative Percent Solids Test Matrix Solid Customer Sample MCC0R7D MCC0P0 MCC0P2 MCC0P3 MC0P18 MCC0P1 MCC0P5 MCC0P6 MCC0Q0 MCC0Q2 MC0P19 MC0P12 MC0PI6 MC0PI7 MCC0P4 MCC0P7 MCC0P8 MCC0P9 MCC0Q3 MCC0Q1 MCC0R7 P4607-09 P4607-01 P4607-02 P4607-03 P4607-04 P4607-05 P4607-06 P4607-08 P4607-12 P4607-10 P4607-07 P4607-13 P4607-14 P4607-15 P4607-16 P4607-11 P4607-17 P4607-18 P4607-19 P4607-20 Sample P4607-21

Raw Sample Relinquished by: Raw Sample Received by: Date/Time \8 24 24

3 18 SE

Raw Sample Received by:

Raw Sample Relinquished by:

Col

15:40

14100

E

42196101

Date/Time

Page 1 of 2

# WORKLIST (Hardcopy Internal Chain)

%1-p4607 WorkList Name:

WorkList ID: 184945

Department: Wet-Chemistry

10/23/2024 Chemtech -SO

Q31

USEP01

Cool 4 deg C

Percent Solids

Solid

MCC0R7S

P4607-22

Collect Date Method

Raw Sample

Storage Location

Customer

Preservative

Test

Matrix

Customer Sample

Sample

Date: 10-29-2024 13:43:03

Date/Time 10(Aq 144 Raw Sample Received by:

Raw Sample Relinquished by:

Page 2 of 2

Raw Sample Relinquished by:

Raw Sample Received by: