



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-001 RAES TOX3		Sampler Name		Andrew Halverson				
Sample Analyzed:		CR-L-0-SL-01		Print						
Date Analyzed:		09/09/2022		Sampler Signature		<i>Andrew Halverson</i>				
Time Analyzed:		9 AM								
Original Dry Mass [g]		313.76								
Original Slurry Mass [lb]		N/A								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.65	110.95	7.30	03:38	5:01	✓	✓	CR-L-0-SL-01 + #25	
50	297	9.42	31.24	18.106	07:18	5:02	✓	✓	CR-L-0-SL-01 + #50	
100	149	9.65	88.25	60.52	06:54	5:03	✓	✓	CR-L-0-SL-01 + #100	
140	105	9.26	70.28	48.25	10:41	5:05	✓	✓	CR-L-0-SL-01 + #140	
200	74	9.87	58.12	19.00	04:14	5:06	✓	✓	CR-L-0-SL-01 + #200	
270	53	9.71	28.71	76.85	07:10	5:07	✓	✓	CR-L-0-SL-01 + #270	
-270	-53	2.10	78.95		N/A	5:10	✓	✓	CR-L-0-SL-01 - #270	
Totals:						9/14				

MO

#50M Net mass total = 21.82



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001:RAES TOX3		Sampler Name	Andrew Halverson					
Sample Analyzed:	CR-L-4-SY PSD 1 of 3		Print						
Date Analyzed:	09/06/2022		Sampler Signature						
Time Analyzed:	4 PM								
Original Dry Mass [g]	N/A								
Original Slurry Mass [lb]	17.6 16.4								
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	
25	707	4.28	17.68	5.40	03:10	8:52	✓	✓	CR-L-4-SY #25
50	297	4.90	39.29	29.39	06:40	8:50	✓	✓	CR-L-4-SY #50
100	149	4.29	113.50	104.21	07:20	8:50	✓	✓	CR-L-4-SY #100
140	105	4.55	87.46	77.91	12:23	8:49	✓	✓	CR-L-4-SY #140
200	74	4.47	61.21	51.74	04:42	8:47	✓	✓	CR-L-4-SY #200
270	53	4.80	29.73	19.93	06:17	8:45	✓	✓	CR-L-4-SY #270
-270	-53	2.13	31.98	29.85	N/A	9:01	✓	✓	CR-L-4-SY #270
Totals:						9/8			MO

organics in +25M
 -270M paper weight not recorded - 2.13 considered average wt.



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001 : RAES T033					Sampler Name	Andrew Halverson			
Sample Analyzed:	CR-L-4-SY PSD 20F3					Print				
Date Analyzed:	09/06/2022					Sampler Signature				
Time Analyzed:	4 PM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	16.4									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.78	20.51	10.73	02:36	8:52	✓	✓	CR-L-4-SY #25	
50	297	9.37	53.71	44.34	05:53	8:50	✓	✓	CR-L-4-SY #50	
100	149	9.70	123.10	113.40	06:38	8:50	✓	✓	CR-L-4-SY #100	
140	105	9.67	81.45	71.78	09:59	8:49	✓	✓	CR-L-4-SY #140	
200	74	9.57	52.76	43.19	05:29	8:47	✓	✓	CR-L-4-SY #200	
270	53	9.72	23.42	13.70	07:35	8:45	✓	✓	CR-L-4-SY #270	
-270	-53	2.14	18.67	16.53	N/A	9:01	✓	✓	CR-L-4-SY -#270	
Totals:			18.67			9/8			MO	

organics in +25M



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAEST033			Sampler Name	Andrew Halverson					
Sample Analyzed:	CR-L-4-SY PSD 30FS			Print						
Date Analyzed:	09/07/2022			Sampler Signature						
Time Analyzed:	10 AM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	16.4									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.88	14.85	4.97	09:53	8:52	✓	✓	CR-L-4-SY	+ #25
50	297	9.34	29.50	20.67	12:57	8:50	✓	✓	CR-L-4-SY	+ #50
100	149	9.41	84.79	75.38	05:56	8:50	✓	✓	CR-L-4-SY	+ #100
140	105	10.01	76.33	66.32	09:34	8:49	✓	✓	CR-L-4-SY	+ #140
200	74	9.88	102.70	52.82	04:35	8:47	✓	✓	CR-L-4-SY	+ #200
270	53	9.48	34.82	25.34	06:44	8:45	✓	✓	CR-L-4-SY	+ #270
-270	-53	2.07	31.98	16.89	N/A	9:01	✓	✓	CR-L-4-SY	+ #270
Totals:						9/8				

organics in +25M & +50M

-270 wt Net MASS = 64.82

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	R 22013-001 : RAESTO'S		Sampler Name	Andrew Halverson						
Sample Analyzed:	CR-L-8-SY PSD IofS		Print							
Date Analyzed:	09/07/2022		Sampler Signature							
Time Analyzed:	2 PM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	Net 17.0									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.55	10.58	7.03	02:25	1:56	✓	✓	CR-L-8-SU + #25	
50	297	9.82	45.67	35.85	05:51	1:54	✓	✓	CR-L-8-SU + #50	
100	149	9.95	125.31	115.36	05:02	1:49.62	✓	✓	CR-L-8-SU + #100	
140	105	9.84	95.52	85.68	08:04	1:49.52	✓	✓	CR-L-8-SU + #140	
200	74	10.02	64.25	54.23	06:32	1:48.50	✓	✓	CR-L-8-SU + #200	
270	53	9.81	32.25	22.44	09:01	1:48	✓	✓	CR-L-8-SU + #270	
-270	-53	2.14	44.09	41.95	N/A	2:00	✓	✓	CR-L-8-SU - #270	
Totals:						9/8				

organics in +25M

MUO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001 : RAES T033		Sampler Name	Andrew Halverson						
Sample Analyzed:	CR-L-8-SY PSP 20F3		Print							
Date Analyzed:	09/07/2022		Sampler Signature	<i>Andrew Halverson</i>						
Time Analyzed:	4 PM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	Net 17.0									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.53	14.24	4.71	01:30	1:56	✓	✓	CR-L-8-SY + #25	
50	297	9.77	42.09	32.32	04:10	1:54	✓	✓	CR-L-8-SY + #50	
100	149	9.16	119.99	110.83	06:36	1:52	✓	✓	CR-L-8-SY + #100	
140	105	9.51	92.85	83.34	09:35	1:52	✓	✓	CR-L-8-SY + #140	
200	74	9.47	66.22	56.75	04:06	1:50	✓	✓	CR-L-8-SY + #200	
270	53	9.63	320.6	22.43	06:43	1:48	✓	✓	CR-L-8-SY + #270	
-270	-53	2.05	44.84	42.79	N/A	2:00	✓	✓	CR-L-8-SY - #270	
Totals:						9/8				

organics in +25M

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		42013-001 = RAES TOX3		Sampler Name		Andrew Halverson				
Sample Analyzed:		GR-L-8-SY PSD 30FS		Print						
Date Analyzed:		09/07/2022		Sampler Signature						
Time Analyzed:		5 PM								
Original Dry Mass [g]		N/A								
Original Slurry Mass [lb]		NET 17.0								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.51	13.79	4.08	02:29	1:56	✓	✓	CR-L-8-SY + #25	
50	297	9.62	37.68	28.06	06:03	1:54	✓	✓	CR-L-8-SY + #50	
100	149	9.67	99.81	90.14	05:40	1:52	✓	✓	CR-L-8-SY + #100	
140	105	9.47	76.20	66.73	08:27	1:52	✓	✓	CR-L-8-SY + #140	
200	74	9.53	54.06	44.53	04:34	1:50	✓	✓	CR-L-8-SY + #200	
270	53	9.69	27.35	17.66	07:28	1:49	✓	✓	CR-L-8-SY + #270	
-270	-53	2.13	29.46	27.33	N/A	2:00	✓	✓	CR-L-8-SY - #270	
Totals:						9/8				

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001 : RA6S TO 3X		Sampler Name	Andrew Halverson					
Sample Analyzed:	CR-L-30-SF PSD Lot 3		Print						
Date Analyzed:	09/08/2022		Sampler Signature						
Time Analyzed:	8 AM								
Original Dry Mass [g]	N/A								
Original Slurry Mass [lb]	Net 17.0								
Wet RO-TAP Procedure									
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen (mm:ss)	Sample Logged	Checklist	Sample XRF	Sample Bag Label
25	707	9.69	15.08	5.39	02:35	2:15	✓	✓	CR-L-30-SF
50	297	9.43	37.88	28.45	06:48	2:16	✓	✓	CR-L-30-SF
100	149	9.65	112.02	102.37	06:07	2:18	✓	✓	CR-L-30-SF
140	105	10.40	95.80	85.40	08:55	2:19	✓	✓	CR-L-30-SF
200	74	9.79	72.50	62.71	06:13	2:22	✓	✓	CR-L-30-SF
270	53	9.81	37.48	27.67	08:42	2:23	✓	✓	CR-L-30-SF
-270	-53	2.11	74.79	0.25	N/A	2:30	✓	✓	CR-L-30-SF
Totals:						9/12			

Additional -270 matl from CR-L-30-WT

PAN + SOLIDS 9.71

PAN = 9.44

-270 netmass total = 74.71

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAES TOX'S		Sampler Name	Andrew Halverson					
Sample Analyzed:	CR-L-30-SY PSD 20F3		Print						
Date Analyzed:	09/08/2022		Sampler Signature						
Time Analyzed:	11 AM								
Original Dry Mass [g]	N/A								
Original Slurry Mass [lb]	Net 17.0								
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [min:ss]	Sample Logged	Sample Bagged	Sample XRF	
25	707	9.96	14.41	4.45	01:57	2:15	✓	✓	CR-L-30-SY + #25
50	297	10.08	27.65	21.57	05:08	2:16	✓	✓	CR-L-30-SY + #50
100	149	9.35	104.51	95.16	04:27	2:19	✓	✓	CR-L-30-SY + #100
140	105	9.50	78.57	69.07	07:51	2:19	✓	✓	CR-L-30-SY + #140
200	74	9.46	55.31	45.85	05:52	2:22	✓	✓	CR-L-30-SY + #200
270	53	9.72	28.46	18.74	08:07	2:23	✓	✓	CR-L-30-SY + #270
-270	-53	2.08	mo to 79	32.96	N/A	2:30	✓	✓	CR-L-30-SY - #270
Totals:						9:12			

-270 M net mass total = 30.88

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAES T033					Sampler Name	Andrew Halverson				
Sample Analyzed:	CR-L-30-SY PSD 30F3					Print					
Date Analyzed:	09/08/2022					Sampler Signature					
Time Analyzed:	4 PM										
Original Dry Mass [g]	N/A										
Original Slurry Mass [lb]	NCF 17.0										
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	9.42	14.48	4.99	02:20	2:15	✓	✓	CR-L-30-SY + #25		
50	297	9.32	39.58	30.21	06:08	2:16	✓	✓	CR-L-30-SY + #50		
100	149	9.57	11.09	101.52	05:54	2:18	✓	✓	CR-L-30-SY + #100		
140	105	9.39	85.47	76.08	08:20	2:19	✓	✓	CR-L-30-SY + #140		
200	74	9.65	59.43	49.78	05:58	2:22	✓	✓	CR-L-30-SY + #200		
270	53	9.78	29.08	19.22	07:27	2:23	✓	✓	CR-L-30-SY + #270		
-270	-53	2.13	33.58	31.45	N/A	4:16	9/12	✓	✓	CR-L-30-SY - #270	
Totals:						9/12					

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAES TOS3		Sampler Name	Andrew Halverson					
Sample Analyzed:	CR-M-4-SY PSD 1 of 3		Print						
Date Analyzed:	09/09/2022		Sampler Signature	<i>Andrew Halverson</i>					
Time Analyzed:	10 AM								
Original Dry Mass [g]	N/A								
Original Slurry Mass [lb]	Net 17.4								
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	9.74	39.43	29.69	04:15	3:00	✓	✓	CR-M-4-SY + #25
50	297	9.84	133.41	123.57	07:20	3:02	✓	✓	CR-M-4-SY + #50
100	149	9.86	118.98	109.12	04:25	3:03	✓	✓	CR-M-4-SY + #100
140	105	9.73	45.46	35.72	07:31	3:10	✓	✓	CR-M-4-SY + #140
200	74	9.51	32.70	23.19	02:59	3:12	✓	✓	CR-M-4-SY + #200
270	53	9.82	20.29	10.47	05:36	3:14	✓	✓	CR-M-4-SY + #270
-270	-53	2.02	44.64	42.62	N/A	3:18	✓	✓	CR-M-4-SY - #270
Totals:						9/14	###		

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Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-001:RAES TO 3		Sampler Name		Andrew Halverson				
Sample Analyzed:		CR-M-4-54 PSD 2 of 3		Print						
Date Analyzed:		09/09/2022		Sampler Signature		<i>Andrew Halverson</i>				
Time Analyzed:		12 PM								
Original Dry Mass [g]		N/A								
Original Slurry Mass [lb]		Net 17.4								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.74	310.90	27.22	04:31	3:00	✓	✓	CR-M-4-SU	+ #25
50	297	9.71	121.03	121.72	07:45	3:02	✓	✓	CR-M-4-SU	+ #50
100	149	9.50	127.78	118.28	05:27	3:03	✓	✓	CR-M-4-SU	+ #100
140	105	9.54	45.67	36.13	08:57	3:10	✓	✓	CR-M-4-SU	+ #140
200	74	9.64	32.28	22.64	02:59	3:12	✓	✓	CR-M-4-SU	+ #200
270	53	9.72	20.03	10.31	05:52	3:14	✓	✓	CR-M-4-SU	+ #270
-270	-53	2.17	30.78	33.31	N/A	3:18	✓	✓	CR-M-4-SU	- #270
Totals:						9/14				

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	RAFS F633 / 22013-001			Sampler Name	Andrew Halverson					
Sample Analyzed:	CR-M-4-SY PSD 3 of 3			Print						
Date Analyzed:	09/12/2022			Sampler Signature						
Time Analyzed:	8 AM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	NET 17.4									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.77	35.34	25.57	05:27	3:00	✓	✓	CR-M-4-SY + #25	
50	297	9.54	133.82	124.28	08:42	3:02	✓	✓	CR-M-4-SY + #50	
100	149	9.58	157.23	130.9	04:43	3:03	✓	✓	CR-M-4-SY + #100	
140	105	9.57	51.50	41.93	07:56	3:10	✓	✓	CR-M-4-SY + #140	
200	74	9.60	34.44	24.84	03:27	3:12	✓	✓	CR-M-4-SY + #200	
270	53	9.58	20.23	10.65	06:05	3:14	✓	✓	CR-M-4-SY + #270	
-270	-53	2.11	35.35	33.24	N/A	3:18	✓	✓	CR-M-4-SY - #270	
Totals:						9/14				

* by backcalc → DRY MASS TOTAL

sample wet when removed initially from oven

↳ total 100M recovered = 353.13g

bag wt 2.43g

bag + sample 355.56g

100M net mass total = 125.73g



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-001 : RAES T033		Sampler Name		Andrew Halnesson				
Sample Analyzed:		CR-M-8-SY PSD 3 of 4		Print						
Date Analyzed:		09/12/2022		Sampler Signature						
Time Analyzed:		11 AM								
Original Dry Mass [g]		N/A								
Original Slurry Mass [lb]		Net 18.8								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.80	42.21	32.41	03:39	5:09	✓	✓	CR-M-8-SY + #25	
50	297	9.69	114.25	121.56	06:09	5:10	✓	✓	CR-M-8-SY + #50	
100	149	9.89	130.16	120.27	04:40	5:12	✓	✓	CR-M-8-SY + #100	
140	105	9.79	52.50	42.71	07:18	5:11	✓	✓	CR-M-8-SY + #140	
200	74	9.51	31.29	21.78	03:10	6:14	✓	✓	CR-M-8-SY + #200	
270	53	9.82	19.56	9.74	05:35	6:15	✓	✓	CR-M-8-SY + #270	
-270	-53	2.08	40.26	38.18	N/A	4:45	✓	✓	CR-M-8-SY - #270	
Totals:						9/14				

#50 Net Mass total = 104.56 MD



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project: 22013-001: RAES TO33		Sampler Name		Andrew Halverson						
Sample Analyzed: CR-M-8-SY PCO 2 of 4		Print								
Date Analyzed: 09/12/2022		Sampler Signature								
Time Analyzed: 2 PM										
Original Dry Mass [g]: N/A										
Original Slurry Mass [lb]: Net 18.8										
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen (mm:ss)	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.32	70.71	61.39	03:36	5:09	✓	✓	CR-M-8-SY + #25	
50	297	9.68	123.93	113.85	06:24	5:10	✓	✓	CR-M-8-SY + #50	
100	149	9.69	99.80	90.11	03:37	5:12	✓	✓	CR-M-8-SY + #100	
140	105	9.78	28.34	18.56	05:59	5:11	✓	✓	CR-M-8-SY + #140	
200	74	9.83	23.65	13.82	02:10	5:14	✓	✓	CR-M-8-SY + #200	
270	53	9.81	16.87	7.06	03:40	5:15	✓	✓	CR-M-8-SY + #270	
-270	-53	2.11	26.97	24.86	N/A	9:45	✓	✓	CR-M-8-SY - #270	
Totals:						9/14				

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAES TO33		Sampler Name	Andrew Halverson						
Sample Analyzed:	CR-M-8-S4 PSD 3 of 4		Print							
Date Analyzed:	09/12/2022		Sampler Signature	<i>Andrew Halverson</i>						
Time Analyzed:	2:40 PM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	Net 18.8									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.25	54.07	44.72	02:34	5:09	✓	✓	CR-M-8-S4	+ #25
50	297	9.67	151.16	141.49	07:25	5:10	✓	✓	CR-M-8-S4	+ #50
100	149	9.53	113.37	103.84	04:28	5:12	✓	✓	CR-M-8-S4	+ #100
140	105	9.55	34.91	25.36	07:37	5:11	✓	✓	CR-M-8-S4	+ #140
200	74	9.71	25.22	15.51	02:24	5:14	✓	✓	CR-M-8-S4	+ #200
270	53	9.58	17.25	7.67	04:23	5:15	✓	✓	CR-M-8-S4	+ #270
-270	-53	2.09	28.01	25.92	N/A	54:45	✓	✓	CR-M-8-S4	- #270
Totals:						9/14				
						MO				



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-001: RAES T633		Sampler Name		Andrew Halverson				
Sample Analyzed:		CR-M-8-SY PSD 4of4		Print						
Date Analyzed:		09/13/2022		Sampler Signature						
Time Analyzed:		8 AM								
Original Dry Mass [g]		N/A								
Original Slurry Mass [lb]		Net 18.8								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.97	36.47	26.70	04:02	5:09	✓	✓	CR-M-8-SY #25	
50	297	9.33	112.96	103.63	07:04	5:10	✓	✓	CR-M-8-SY #50	
100	149	9.57	119.78	110.21	04:43	5:12	✓	✓	CR-M-8-SY #100	
140	105	9.36	48.40	29.04	08:29	5:11	✓	✓	CR-M-8-SY #140	
200	74	9.78	35.38	25.60	03:33	5:14	✓	✓	CR-M-8-SY #200	
270	53	9.41	20.52	11.11	05:30	5:15	✓	✓	CR-M-8-SY #270	
-270	-53	2.06	44.35	42.29	N/A	4:43	✓	✓	CR-M-8-SY #270	
Totals:						9/14				
						MO				



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAES T033		Sampler Name	Andrew Halverson					
Sample Analyzed:	CR-M-30-SY PSD lot 4		Print						
Date Analyzed:	09/13/2022		Sampler Signature						
Time Analyzed:	3 PM								
Original Dry Mass [g]	N/A								
Original Slurry Mass [lb]	Net 18.2								
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	9.27	30.96	21.69	09:30	10:23	✓	✓	CR-M-30-SY + #2S
50	297	9.70	95.34	85.64	12:03	10:26	✓	✓	CR-M-30-SY + #5D
100	149	9.79	99.18	89.39	04:04	10:27	✓	✓	CR-M-30-SY + #10D
140	105	9.55	36.74	27.19	07:13	10:28	✓	✓	CR-M-30-SY + #14D
200	74	9.15	27.19	18.04	02:34	10:30	✓	✓	CR-M-30-SY + #20D
270	53	9.51	18.30	8.79	04:52	10:31	✓	✓	CR-M-30-SY + #29D
-270	-53	2.07	90.19	88.12	N/A	11:50	✓	✓	CR-M-30-SY + #27D
Totals:						9/15	9/19		

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Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAES T033					Sampler Name	Andrew Halverson				
Sample Analyzed:	CR-M-30-SY PSD 2 of 4					Print					
Date Analyzed:	09/19/2022 09/14/2022					Sampler Signature					
Time Analyzed:	7 AM										
Original Dry Mass [g]	N/A										
Original Slurry Mass [lb]	NET 18.2										
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	9.48	42.90	33.42	05:24	10:23	✓	✓	CR-M-30-Sy	+ #25	
50	297	9.20	129.41	120.21	06:08	10:26	✓	✓	CR-M-30-Sy	+ #50	
100	149	9.52	123.86	114.34	05:27	10:27	✓	✓	CR-M-30-Sy	+ #100	
140	105	9.49	48.18	38.69	08:06	10:28	✓	✓	CR-M-30-Sy	+ #140	
200	74	9.57	34.52	24.95	02:44	10:30	✓	✓	CR-M-30-Sy	+ #200	
270	53	9.74	20.92	11.18	04:52	10:31	✓	✓	CR-M-30-Sy	+ #270	
-270	-53	2.12	35.18	33.06	N/A	11:50	✓	✓	CR-M-30-Sy	+ #270	
Totals:						9/15	9/19				

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Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001 RAES T033				Sampler Name	Andrew Halverson				
Sample Analyzed:	CR-M-30-SY PSD 3 of 4				Print					
Date Analyzed:	09/14/2022				Sampler Signature					
Time Analyzed:	7:30 AM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	NET 18.2									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.60	39.82	30.22	03:43	10:23	✓	✓	CR-M-30-SY + #25	
50	297	9.19	101.41	92.22	07:00	10:26	✓	✓	CR-M-30-SY + #50	
100	149	9.23	94.76	85.53	03:22	10:27	✓	✓	CR-M-30-SY + #100	
140	105	9.31	35.77	26.46	05:57	10:28	✓	✓	CR-M-30-SY + #140	
200	74	9.66	27.58	17.92	02:27	10:30	✓	✓	CR-M-30-SY + #200	
270	53	9.24	16.67	7.43	04:41	10:31	✓	✓	CR-M-30-SY + #270	
-270	-53	2.14	20.66	18.52	N/A	11:50 9/19	✓	✓	CR-M-30-SY + #270	
Totals:						9/16				

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Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-001-RAES T033				Sampler Name		Andrew Halverson		
Sample Analyzed:		CR-M-30-SF PSD 4 of 4				Print				
Date Analyzed:		09/14/2022				Sampler Signature				
Time Analyzed:		8:30 AM								
Original Dry Mass [g]		N/A								
Original Slurry Mass [lb]		Net 18.2								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	4.53	24.64	15.11	03:06	10:23	✓	✓	CR-M-30-SF	
50	297	4.73	83.19	73.46	06:03	10:26	✓	✓	CR-M-30-SF	
100	149	4.74	93.74	84.00	04:24	10:27	✓	✓	CR-M-30-SF	
140	105	6.06	38.06	28.00	07:15	10:28	✓	✓	CR-M-30-SF	
200	74	4.82	28.39	18.56	02:54	10:30	✓	✓	CR-M-30-SF	
270	53	4.35	17.61	8.26	05:43	10:31	✓	✓	CR-M-30-SF	
-270	-53	2.06	33.60	31.54	N/A	11:50 AM	✓	✓	CR-M-30-SF	
Totals:			33.60			9/15			MO	



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAES T033		Sampler Name	Andrew Halverson					
Sample Analyzed:	CR-H-0-SL-01		Print						
Date Analyzed:	09/19/2022		Sampler Signature	<i>Andrew Halverson</i>					
Time Analyzed:	5 PM								
Original Dry Mass [g]	434.58								
Original Slurry Mass [lb]	N/A								
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample RF	Sample Bag Label
25	707	9.72	93.32	83.60	See Note	2:50	✓	✓	CR-H-0-SL-01 + #25
50	297	9.19	148.38	139.19	See Note	2:54	✓	✓	CR-H-0-SL-01 + #50
100	149	9.46	101.71	92.25	03:47	2:55	✓	✓	CR-H-0-SL-01 + #100
140	105	9.31	30.44	21.13	06:27	2:56	✓	✓	CR-H-0-SL-01 + #140
200	74	9.65	24.52	14.87	03:01	2:57	✓	✓	CR-H-0-SL-01 + #200
270	53	9.37	18.56	9.19	04:28	2:57	✓	✓	CR-H-0-SL-01 + #270
-270	-53	2.19	74.16	71.97	N/A	3:04	✓	✓	CR-H-0-SL-01 - #270
Totals:						09/20			

Note: Breaker tripped. No accurate time recorded ^{MO} for +25 & +50 mesh.



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001 : RAES T033		Sampler Name	Andrew Halverson						
Sample Analyzed:	CR-H-4-SY ISD 20FS		Print							
Date Analyzed:	09/15/2022		Sampler Signature							
Time Analyzed:	1:50 PM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	Net 19.8									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.65	87.46	77.81	02:59	2:53	✓	✓	CR-H-4-SY + #25	
50	297	9.60	146.66	137.06	06:41	2:54	✓	✓	CR-H-4-SY + #50	
100	149	9.48	97.07	87.59	04:12	2:55	✓	✓	CR-H-4-SY + #100	
140	105	9.42	25.84	16.42	06:18	2:56	✓	✓	CR-H-4-SY + #140	
200	74	9.55	21.12	11.57	02:21	2:57	✓	✓	CR-H-4-SY + #200	
270	53	9.88	16.05	6.17	04:42	2:59	✓	✓	CR-H-4-SY + #270	
-270	-53	2.05	31.63	29.58	N/A	12:09	✓	✓	CR-H-4-SY - #270	
Totals:						09/19				

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Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAES T033		Sampler Name	Andrew Halverson						
Sample Analyzed:	CR-H-4-SY PSD 20FS		Print							
Date Analyzed:	09/16/2022		Sampler Signature							
Time Analyzed:	11 AM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	Net 19.8									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [min:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.51	66.40	55.89	03:32	2:53	✓	✓	CR-H-4-SY + #25	
50	297	9.48	132.54	123.06	06:34	2:54	✓	✓	CR-H-4-SY + #50	
100	149	9.60	70.13	60.53	03:17	2:55	✓	✓	CR-H-4-SY + #100	
140	105	9.38	20.78	11.40	05:03	2:56	✓	✓	CR-H-4-SY + #140	
200	74	9.53	17.77	8.24	02:01	2:57	✓	✓	CR-H-4-SY + #200	
270	53	9.75	14.62	4.87	03:25	2:59	✓	✓	CR-H-4-SY + #270	
-270	-53	2.17	21.61	19.44	N/A	12:09	✓	✓	CR-H-4-SY - #270	
Totals:						09/19				

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Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-0018 RAEST033		Sampler Name	Andrew Halverson						
Sample Analyzed:	CR-H-4-SY PSD Set 5		Print							
Date Analyzed:	09/16/2022		Sampler Signature							
Time Analyzed:	3:40 PM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	Net 19.8									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.55	96.59	87.04	04:48	2:53	✓	✓	CR-H-4-SY + #25	
50	297	9.36	211.30	201.94	07:45	2:54	✓	✓	CR-H-4-SY + #50	
100	149	9.65	110.38	100.73	04:14	2:55	✓	✓	CR-H-4-SY + #100	
140	105	9.24	28.10	18.86	06:43	2:56	✓	✓	CR-H-4-SY + #140	
200	74	9.26	21.01	11.75	02:10	2:57	✓	✓	CR-H-4-SY + #200	
270	53	9.84	15.96	6.12	03:52	2:59	✓	✓	CR-H-4-SY + #270	
-270	-53	2.10	28.84	26.74	N/A	12:09	✓	✓	CR-H-4-SY + #270	
Totals:						09/19				

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Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAES T033					Sampler Name	Andrew Halverson			
Sample Analyzed:	CR-H-4-SY PSD 40FS					Print				
Date Analyzed:	09/16/2022					Sampler Signature	<i>Andrew Halverson</i>			
Time Analyzed:	4:40 PM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	Net 19.8									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label	
25	707	9.61	106.59	56.98	03:40	2:53	✓	✓	CR-H-4-SU	
50	297	9.92	110.33	100.41	06:57	2:54	✓	✓	CR-H-4-SU	
100	149	9.54	87.17	77.83	03:50	2:55	✓	✓	CR-H-4-SU	
140	105	9.42	25.08	15.66	05:50	2:56	✓	✓	CR-H-4-SU	
200	74	9.50	17.78	8.28	01:42	2:57	✓	✓	CR-H-4-SU	
270	53	9.30	13.51	4.21	03:36	2:59	✓	✓	CR-H-4-SU	
-270	-53	2.17	15.72	13.55	N/A	12:09	✓	✓	CR-H-4-SU	
Totals:						09/19				

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Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAES TOSS		Sampler Name	Andrew Halverson					
Sample Analyzed:	CR-H-4-SY PSD 50±5		Print						
Date Analyzed:	09/16/2022		Sampler Signature	<i>Andrew Halverson</i>					
Time Analyzed:	5:30 PM								
Original Dry Mass [g]	N/A								
Original Slurry Mass [lb]	Net 19.8								
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen (mm:ss)	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	9.65	70.07	100.42	03:22	2:53	✓	✓	CR-H-4-SY + #25
50	297	9.44	135.08	125.64	02:22	2:54	✓	✓	CR-H-4-SY + #50
100	149	9.66	77.91	68.25	03:22	2:55	✓	✓	CR-H-4-SY + #100
140	105	9.92	21.82	11.90	06:20	2:56	✓	✓	CR-H-4-SY + #140
200	74	9.73	16.20	6.47	03:35	2:57	✓	✓	CR-H-4-SY + #200
270	53	9.46	12.40	2.94	04:58	2:59	✓	✓	CR-H-4-SY + #270
-270	-53	2.14	10.75	8.61	N/A	2:09	✓	✓	CR-H-4-SY - #270
Totals:						9/19			

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Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001:RAEST033		Sampler Name	Andrew Halverson					
Sample Analyzed:	CR-H-8-SY P30 10FS		Print						
Date Analyzed:	09/17/2022		Sampler Signature						
Time Analyzed:	4 PM								
Original Dry Mass [g]	N/A								
Original Slurry Mass [lb]	Net 18.3								
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	9.31	76.08	66.57	02:31	1:49	✓	✓	CR-H-8-SY + #25
50	297	9.24	136.05	126.81	05:34	1:47	✓	✓	CR-H-8-SY + #50
100	149	9.78	84.88	75.10	03:12	1:47	✓	✓	CR-H-8-SY + #100
140	105	9.69	25.02	15.33	05:24	1:40	✓	✓	CR-H-8-SY + #140
200	74	9.13	18.75	9.62	01:49	1:39	✓	✓	CR-H-8-SY + #200
270	53	9.50	14.80	5.30	03:15	1:38	✓	✓	CR-H-8-SY + #270
-270	-53	2.14	46.73	44.59	N/A	1:36	✓	✓	CR-H-8-SY + #270
Totals:						9/20			

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Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-0012 RAES T033		Sampler Name		Andrew Halverson				
Sample Analyzed:		CR-H-8-SY PSP 2 of 5		Print						
Date Analyzed:		09/17/2022		Sampler Signature		<i>Andrew Halverson</i>				
Time Analyzed:		4:30 PM								
Original Dry Mass [g]		N/A								
Original Slurry Mass [lb]		Net 18.8								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.29	107.62	98.33	04:09	1:49	✓	✓	CR-H-8-SY + #25	
50	297	9.72	202.26	192.54	07:06	1:47	✓	✓	CR-H-8-SY + #50	
100	149	9.58	111.90	102.32	03:03	1:47	✓	✓	CR-H-8-SY + #100	
140	105	9.44	27.51	18.07	05:09	1:40	✓	✓	CR-H-8-SY + #140	
200	74	9.86	19.81	9.95	01:54	1:39	✓	✓	CR-H-8-SY + #200	
270	53	9.37	14.76	5.39	03:33	1:38	✓	✓	CR-H-8-SY + #270	
-270	-53	2.18	2.10	18.92	N/A	1:50	✓	✓	CR-H-8-SY - #270	
Totals:						9/20				

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Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-001: RAES T033				Sampler Name		Andrew Halverson		
Sample Analyzed:		CR-H-8-SY PSD 30+5				Print				
Date Analyzed:		09/17/2022				Sampler Signature				
Time Analyzed:		5 PM								
Original Dry Mass [g]		N/A								
Original Slurry Mass [lb]		NET 18.3								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.40	88.53	79.13	03:19	1:49	✓	✓	CR-H-8-SY	
50	297	9.59	142.12	132.53	06:10	1:47	✓	✓	CR-H-8-SY	
100	149	9.16	81.58	72.42	03:25	1:47	✓	✓	CR-H-8-SY	
140	105	9.52	23.183	14.11	05:19	1:40	✓	✓	CR-H-8-SY	
200	74	9.64	18.78	9.14	02:03	1:39	✓	✓	CR-H-8-SY	
270	53	9.33	14.22	4.89	03:30	1:38	✓	✓	CR-H-8-SY	
-270	-53	2.12	17.33	15.21	N/A	1:50	✓	✓	CR-H-8-SY	
Totals:						9/20				

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Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001; RABS Tox3		Sampler Name	Andrew Halverson						
Sample Analyzed:	CR-H-8-SY ISO 4c5		Print							
Date Analyzed:	09/17/2022		Sampler Signature	<i>Andrew Halverson</i>						
Time Analyzed:	5:30 PM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	Net 18.8									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.50	70.17	60.67	02:46	1:49	✓	✓	CR-H-8-SY #25	
50	297	9.27	103.56	94.09	05:56	1:47	✓	✓	CR-H-8-SY #50	
100	149	9.35	64.89	55.54	02:57	1:47	✓	✓	CR-H-8-SY #100	
140	105	9.51	20.68	11.17	04:34	1:40	✓	✓	CR-H-8-SY #140	
200	74	9.27	16.98	7.63	01:41	1:39	✓	✓	CR-H-8-SY #200	
270	53	9.30	13.36	4.06	03:04	1:38	✓	✓	CR-H-8-SY #270	
-270	-53	2.09	16.78	14.69	N/A	1:56	✓	✓	CR-H-8-SY -#270	
Totals:						9/20				

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-0012 RAES TO 33					Sampler Name	Andrew Halverson					
Sample Analyzed:	CR-H-8-25 P50 F05					Print						
Date Analyzed:	09/19/2022					Sampler Signature	<i>Andrew Halverson</i>					
Time Analyzed:	8:30 AM											
Original Dry Mass [g]	N/A											
Original Slurry Mass [lb]	Net 18.8											
Wet RO-TAP Procedure						Checklist			Sample Bag Label			
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF				
25	707	9.38	85.14	75.76	02:52	1:49	✓	✓	CR-H-8-814	+ #25		
50	297	9.43	122.56	113.13	05:35	1:47	✓	✓	CR-H-8-814	+ #50		
100	149	9.92 mo	75.33	74.86	02:58	1:47	✓	✓	CR-H-8-814	+ #100		
140	105	9.67	22.96	13.29	05:08	1:40	✓	✓	CR-H-8-814	+ #140		
200	74	9.55 mo	22.91	7.62	02:03	1:39	✓	✓	CR-H-8-814	+ #200		
270	53	9.98	14.43	4.45	03:12	1:38	✓	✓	CR-H-8-814	+ #270		
-270	-53	3.13	14.16	12.01	N/A	1:56	✓	✓	CR-H-8-814	- #270		
Totals:						572						

100M TAKEN OUT BEFORE DRY - HAD TO BACK CALC
 PAN WT : 9.92g
 TOTAL WT : 380.18

09/20
mo

100M Dry MASS total = ~~84.72~~ 74.80
 200M Dry MASS total = 17.17

100M Net MASS total = 64.88



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001? RAES TOZZ		Sampler Name	Andrew Halverson					
Sample Analyzed:	CR-H-30-SY FSP 2of4		Print						
Date Analyzed:	09/19/2022		Sampler Signature						
Time Analyzed:	11:40								
Original Dry Mass [g]	N/A								
Original Slurry Mass [lb]	Net 18.8								
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	9.46	34.53	25.07	03:07	5:05	✓	✓	CR-H-30-SY + #25
50	297	9.75	115.41	105.66	06:33	5:06	✓	✓	CR-H-30-SY + #50
100	149	9.54	101.11	91.57	02:31	5:07	✓	✓	CR-H-30-SY + #100
140	105	9.35	29.42	20.05	04:45	5:08	✓	✓	CR-H-30-SY + #140
200	74	9.42	22.74	13.32	01:48	5:10	✓	✓	CR-H-30-SY + #200
270	53	9.12	14.55	7.43	03:18	5:11	✓	✓	CR-H-30-SY + #270
-270	-53	2.13	88.36	86.24	N/A	3:16	9/20 ✓	✓	CR-H-30-SY - #270
Totals:						9:27			

MD



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-0015 RAES T033		Sampler Name	Andrew Halverson						
Sample Analyzed:	CR-H-30-S4 PSD R0F4		Print							
Date Analyzed:	09/19/2022		Sampler Signature							
Time Analyzed:	2 PM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	NET 18.8									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	4.58	44.12	34.54	02:39	4:59	✓	-	CR-H-30-S4	+ #25
50	297	4.23	150.58	141.35	05:17	5:00	✓	-	CR-H-30-S4	+ #50
100	149	4.49	113.86	104.37	03:23	5:01	✓	-	CR-H-30-S4	+ #100
140	105	4.66	33.58	23.92	05:45	5:02	✓	-	CR-H-30-S4	+ #140
200	74	4.75	22.98	13.23	02:43	5:04	✓	✓	CR-H-30-S4	+ #200
270	53	4.71	17.28	7.57	04:30	5:04	✓	-	CR-H-30-S4	+ #270
-270	-53	2.15	40.35	38.20	N/A	2816 9/20	✓	-	CR-H-30-S4	- #270
Totals:										

mo



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAES T033		Sampler Name	Andrew Halverson					
Sample Analyzed:	CR-H-30-SY PSD 3 of 4		Print						
Date Analyzed:	09/19/2022		Sampler Signature						
Time Analyzed:	2:30 PM								
Original Dry Mass [g]	N/A								
Original Slurry Mass [lb]	Net 18.8								
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	9.17	45.84	30.67	03:35	4:44	✓	✓	CR-H-30-SY #25
50	297	9.49	120.88	111.39	02:03	4:44	✓	✓	CR-H-30-SY #50
100	149	9.25	88.60	79.35	03:02	4:46	✓	✓	CR-H-30-SY #100
140	105	9.40	24.69	15.29	05:08	4:47	✓	✓	CR-H-30-SY #140
200	74	9.61	20.84	11.23	02:02	4:48	✓	✓	CR-H-30-SY #200
270	53	9.60	16.04	6.44	04:02	4:49	✓	✓	CR-H-30-SY #270
-270	-53	2.03	21.20	19.17	N/A	3:16 9/20	✓	✓	CR-H-30-SY #270
Totals:									

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project: 22013-001: RAESTOIS		Sampler Name: Andrew Halverson								
Sample Analyzed: CR-H-30-SY PSD 40FY		Print								
Date Analyzed: 09/19/2022		Sampler Signature: <i>Andrew Halverson</i>								
Time Analyzed: 3 PM										
Original Dry Mass [g]: N/A										
Original Slurry Mass [lb]: NET 18.8										
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.59	62.10	52.71	02:49	4:31	✓	✓	CR-H-30-SY + #25	
50	297	9.81	156.90	147.09	06:35	4:32	✓	✓	CR-H-30-SY + #50	
100	149	9.11	102.43	93.32	04:01	4:33	✓	✓	CR-H-30-SY + #100	
140	105	9.38	30.22	20.84	06:10	4:34	✓	✓	CR-H-30-SY + #140	
200	74	9.39	22.29	12.90	03:07	4:35	✓	✓	CR-H-30-SY + #200	
270	53	9.71	17.21	7.50	05:17	4:35	✓	✓	CR-H-30-SY + #270	
-270	-53	2.17	26.03	23.86	N/A	2:16 9/20	✓	✓	CR-H-30-SY - #270	
Totals:										

MMO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001:RAEST033		Sampler Name	Andrew Halverson						
Sample Analyzed:	QV-L-0-SL-01		Print							
Date Analyzed:	09/29/2022		Sampler Signature							
Time Analyzed:	6:30 PM									
Original Dry Mass [g]	364.19									
Original Slurry Mass [lb]	N/A									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.39	61.69	52.30	04:37	2:24 PM	✓	✓	QV-L-0-SL-01	#25
50	297	9.71	99.38	89.67	07:52	2:26	✓	✓	QV-L-0-SL-01	#50
100	149	9.59	112.45	102.86	04:25	2:27	✓	✓	QV-L-0-SL-01	#100
140	105	9.12	39.56	30.44	07:30	2:29	✓	✓	QV-L-0-SL-01	#140
200	74	9.50	24.85	15.33	02:57	2:31	✓	✓	QV-L-0-SL-01	#200
270	53	9.64	18.31	8.67	05:07	2:32	✓	✓	QV-L-0-SL-01	#270
-270	-53	2.09	80.81	108.72	N/A	2:34	✓	✓	QV-L-0-SL-01	-#270
Totals:						10/02				

AH



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-001: RAES T033				Sampler Name		Andrew Halverson		
Sample Analyzed:		QV-L-4-SY PSD #03				Print				
Date Analyzed:		09/20/2022				Sampler Signature		<i>Andrew Halverson</i>		
Time Analyzed:		10 AM								
Original Dry Mass [g]		N/A								
Original Slurry Mass [lb]		NCF 17.0								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	8.92	39.65	24.73	02:53	5:21	✓	✓	QV-L-4-SY + #25	
50	297	8.58	115.29	106.71	05:55	5:15	✓	✓	QV-L-4-SY + #50	
100	149	9.00	122.68	113.68	04:49	5:30	✓	✓	QV-L-4-SY + #100	
140	105	9.25	45.23	33.98	07:28	5:31	✓	✓	QV-L-4-SY + #140	
200	74	8.50	26.03	17.53	03:01	5:33	✓	✓	QV-L-4-SY + #200	
270	53	8.73	17.46	8.73	04:43	5:36	✓	✓	QV-L-4-SY + #270	
-270	-53	2.14	37.48	36.34	N/A	12:56 m	✓	✓	QV-L-4-SY - #270	
Totals:						09/27				

mo ↓

10/01 AH



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-001: RABSTOIS				Sampler Name		Andrew Halverson			
Sample Analyzed:		QV-L-4-SY PSD 2ct3				Print					
Date Analyzed:		09/20/2022				Sampler Signature		<i>Andrew Halverson</i>			
Time Analyzed:		11 AM									
Original Dry Mass [g]		N/A									
Original Slurry Mass [lb]		NET 17.0									
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	9.28	58.07	48.79	03:49	S:14	✓	✓	QV-L-4-SY	+ #25	
50	297	9.77	161.98	152.21	07:35	S:15	✓	✓	QV-L-4-SY	+ #50	
100	149	9.21	154.15	144.94	03:58	S:30	✓	✓	QV-L-4-SY	+ #100	
140	105	9.38	49.79	40.41	07:35	S:31	✓	✓	QV-L-4-SY	+ #140	
200	74	9.36	28.72	19.36	03:01	S:33	✓	✓	QV-L-4-SY	+ #200	
270	53	4.67	19.31	9.64	05:12	S:36	✓	✓	QV-L-4-SY	+ #270	
-270	-53	2.08	25.11	23.03	N/A	12:41M	✓	✓	QV-L-4-SY	- #270	
Totals:						9/25					

MO
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 10/01 AM



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project: 22013-001: RAE T233		Sampler Name: Andrew Halverson							
Sample Analyzed: QV-L-4-SY PSD 30+3		Print							
Date Analyzed: 09/22/2022		Sampler Signature: <i>[Signature]</i>							
Time Analyzed: 8:30 AM									
Original Dry Mass [g]: N/A									
Original Slurry Mass [lb]: NET 17.0									
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	9.74	27.78	18.04	05:36	S:14	✓	✓	QV-L-4-SY + #25
50	297	9.51	95.09	85.54	09:11	S:15	✓	✓	QV-L-4-SY + #30
100	149	9.17	112.45	103.28	06:51	S:30	✓	✓	QV-L-4-SY + #100
140	105	9.65	40.69	31.04	10:07	S:31	✓	✓	QV-L-4-SY + #140
200	74	9.70	22.41	12.71	02:51	S:33	✓	✓	QV-L-4-SY + #200
270	53	9.59	13.85	4.26	05:23	S:36	✓	✓	QV-L-4-SY + #270
-270	-53	2.15	59.95	57.80	N/A	12:36 PM	✓	✓	QV-L-4-SY - #270
Totals:									

MO
↓
10/01 AM



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-0013 RAES T033					Sampler Name	Andrew Halverson				
Sample Analyzed:	QV-L-8-SY PSD 1 of 4					Print					
Date Analyzed:	09/28/2022					Sampler Signature					
Time Analyzed:	1 PM										
Original Dry Mass [g]	N/A										
Original Slurry Mass [lb]	Net 19.8										
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	8.36	48.47	40.11	03:35	7:30 AM	✓	✓	QV-L-8-SY	#25	
50	297	9.13	115.14	106.01	06:32	7:31	✓	✓	QV-L-8-SY	#50	
100	149	8.78	125.48	116.70	05:36	7:33	✓	✓	QV-L-8-SY	#100	
140	105	8.63	41.94	33.81	07:42	7:35	✓	✓	QV-L-8-SY	#140	
200	74	9.16	23.03	13.87	02:21	7:36	✓	✓	QV-L-8-SY	#200	
270	53	8.41	16.18	7.77	04:30	7:38	✓	✓	QV-L-8-SY	#270	
-270	-53	2.08	74.40	72.32	N/A	9:26	✓	✓	QV-L-8-SY	#270	
Totals:						10/03					

10/03
 MD
 ↓
 10/01
 AH



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		2013-001: RAEST033			Sampler Name		Andrew Halverson			
Sample Analyzed:		QV-8-SY PSD 2014			Print					
Date Analyzed:		09/28/2022			Sampler Signature					
Time Analyzed:		4:30 PM								
Original Dry Mass [g]		N/A								
Original Slurry Mass [lb]		NET 14.8								
Wet RO-TAP Procedure:						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	8.94	41.81	32.87	03:19	7:42 AM	✓	✓	QV-1-8-SY + #25	
50	297	8.92	108.90	99.98	06:51	7:43	✓	✓	QV-1-8-SY + #50	
100	149	8.28	115.66	107.38	04:49	7:45	✓	✓	QV-1-8-SY + #100	
140	105	8.62	37.78	29.16	06:38	7:46	✓	✓	QV-1-8-SY + #140	
200	74	8.50	22.76	14.26	05:48 0242	7:48	✓	✓	QV-1-8-SY + #200	
270	53	8.85	16.22	7.37	04:21	7:50	✓	✓	QV-1-8-SY + #270	
-270	-53	2.09	30.92	28.83	N/A	1:52 PM	✓	✓	QV-1-8-SY - #270	
Totals:										

10/02
AM



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-0013 RAES TOSS				Sampler Name		Andrew Halverson		
Sample Analyzed:		QV-L-8-SY PSD 3 of 4				Print				
Date Analyzed:		09/29/2022				Sampler Signature				
Time Analyzed:		5:15 PM								
Original Dry Mass [g]		N/A								
Original Slurry Mass [lb]		net 19.8								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	8.89	46.01	37.12	05:37	7:54 AM	✓	✓	QV-L-8-SY	+ #25
50	297	8.57	143.65	135.08	06:47	7:55	✓	✓	QV-L-8-SY	+ #50
100	149	8.79	135.65	126.86	05:16	7:57	✓	✓	QV-L-8-SY	+ #100
140	105	9.18	43.89	34.71	07:42	7:59	✓	✓	QV-L-8-SY	+ #140
200	74	8.80	25.69	16.89	02:33	8:01	✓	✓	QV-L-8-SY	+ #200
270	53	9.15	16.48	7.33	03:59	8:03	✓	✓	QV-L-8-SY	+ #270
-270	-53	2.13	20.06	17.93	N/A	1:54 PM	✓	✓	QV-L-8-SY	+ #270
Totals:										

10/6/22 AH
10/6/22 AH



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project: 22013-001 : RAEST033		Sampler Name: Andrew Halverson								
Sample Analyzed: QV-L-8-SY PSD 7 of 4		Print								
Date Analyzed: 09/28/2022		Sampler Signature: <i>[Signature]</i>								
Time Analyzed: 6:15 PM										
Original Dry Mass [g]: N/A										
Original Slurry Mass [lb]: NET 19.8										
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.11	49.58	40.39	04:15	8:06 PM	✓	✓	QV-L-8-SY	#25
50	297	9.83	144.81	135.98	07:23	8:07	✓	✓	QV-L-8-SY	#80
100	149	8.86	137.66	128.80	04:19	8:09	✓	✓	QV-L-8-SY	#100
140	105	8.78	44.36	35.58	06:49	8:11	✓	✓	QV-L-8-SY	#140
200	74	9.08	25.90	16.82	01:59	8:16	✓	✓	QV-L-8-SY	#200
270	53	9.11	16.79	7.63	03:31	8:18	✓	✓	QV-L-8-SY	#270
-270	-53	2.06	24.62	22.56	N/A	1:57	✓	✓	QV-L-8-SY	#270
Totals:										

10/02 AH
10/02 AH



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project: 22013-001: RAEST033		Sampler Name: Andrew Halverson								
Sample Analyzed: QV-L-30-SY PSD 1 of 4		Print								
Date Analyzed: 09/29/2022		Sampler Signature: <i>Andrew Halverson</i>								
Time Analyzed: 9 AM										
Original Dry Mass [g]: N/A										
Original Slurry Mass [lb]: out 136										
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Te Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	8.00	30.09	2022.07	03:19	8:32 PM	✓	✓	QV-L-30-SY	+ #25
50	297	2.47	108.90	100.43	06:50	8:34	✓	✓	QV-L-30-SY	+ #50
100	149	8.41	113.86	105.45	03:18	8:35	✓	✓	QV-L-30-SY	+ #100
140	105	8.38	38.09	28.71	05:33	8:37	✓	✓	QV-L-30-SY	+ #140
200	74	9.34	23.25	13.91	02:27	8:39	✓	✓	QV-L-30-SY	+ #200
270	53	9.64	16.26	6.57	04:01	8:41	✓	✓	QV-L-30-SY	+ #270
-270	-53	2.16	108.72	106.56	N/A	9:00	✓	✓	QV-L-30-SY	- #270
Totals:						MD				

10/02
AH



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project: 22013-001:RAFS TO33		Sampler Name: Andrew Halverson							
Sample Analyzed: QV-L-30-SY PSD 204		Print							
Date Analyzed: 09/29/2022		Sampler Signature: <i>[Signature]</i>							
Time Analyzed: 1 AM									
Original Dry Mass [g]: N/A									
Original Slurry Mass [lb]: Net 18.6									
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	8.71	55.24	46.53	02:37	8:45 PM	✓	—	QV-L-30-SY + #25
50	297	8.34	121.15	112.76	05:41	8:46	✓	—	QV-L-30-SY + #50
100	149	8.79	131.14	122.35	04:12	8:48	✓	✓	QV-L-30-SY + #100
140	105	8.42	47.45	39.03	06:51	8:50	✓	—	QV-L-30-SY + #140
200	74	8.62	27.50	18.88	02:08	8:53	✓	—	QV-L-30-SY + #200
270	53	8.76	17.36	8.60	04:13	8:55	✓	—	QV-L-30-SY + #270
-270	-53	2.10	28.69	26.59	N/A	2:05 PM	✓	—	QV-L-30-SY - #270
Totals:									

10/02 AM
10/02 AM



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project: <u>RAEST033/22013-001</u>		Sampler Name: <u>Andrew Halverson</u>								
Sample Analyzed: <u>QU-L-30-SY PSD 30F#</u>		Print:								
Date Analyzed: <u>01/29/2022</u>		Sampler Signature: <u>[Signature]</u>								
Time Analyzed: <u>2 PM</u>										
Original Dry Mass [g]: <u>N/A</u>										
Original Slurry Mass [lb]: <u>Net 18.6</u>										
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	<u>8.94</u>	<u>32.12</u>	<u>23.18</u>	<u>02:29</u>	<u>9 PM</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>QU-L-30-SY</u>	<u>+ #25</u>
50	297	<u>9.58</u>	<u>132.06</u>	<u>122.48</u>	<u>05:05</u>	<u>9:01</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>QU-L-30-SY</u>	<u>+ #50</u>
100	149	<u>8.45</u>	<u>144.29</u>	<u>135.84</u>	<u>03:28</u>	<u>9:03</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>QU-L-30-SY</u>	<u>+ #100</u>
140	105	<u>8.58</u>	<u>44.78</u>	<u>30.20</u>	<u>05:59</u>	<u>9:06</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>QU-L-30-SY</u>	<u>+ #140</u>
200	74	<u>9.17</u>	<u>26.99</u>	<u>17.82</u>	<u>02:04</u>	<u>9:09</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>QU-L-30-SY</u>	<u>+ #200</u>
270	53	<u>8.42</u>	<u>16.87</u>	<u>8.45</u>	<u>04:04</u>	<u>9:10</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>QU-L-30-SY</u>	<u>+ #270</u>
-270	-53	<u>2.14</u>	<u>24.67</u>	<u>22.53</u>	<u>N/A</u>	<u>2:08 PM</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>QU-L-30-SY</u>	<u>- #270</u>
Totals:										

↓
10/02 AM
↓
10/02 AM



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAE ST033		Sampler Name	Andrew Halverson						
Sample Analyzed:	QV-L-30-SY 1504 of 4		Print							
Date Analyzed:	09/29/2022		Sampler Signature							
Time Analyzed:	2:30 PM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	Net 18.6									
Wet RO-TAP Procedure										
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label	
25	707	8.84	37.32	28.48	03:01	9:14 AM	✓	✓	QV-L-30-SY	+ #125
50	297	8.91	44.36	35.45	05:36	9:15	✓	✓	QV-L-30-SY	+ #150
100	149	8.86	113.96	107.10	04:10	9:17	✓	✓	QV-L-30-SY	+ #100
140	105	8.95	41.50	32.55	06:33	9:19	✓	✓	QV-L-30-SY	+ #140
200	74	8.97	25.38	16.41	02:08	9:21	✓	✓	QV-L-30-SY	+ #200
270	53	9.21	16.74	7.53	04:06	9:22	✓	✓	QV-L-30-SY	+ #270
-270	-53	2.06	27.63	25.57	N/A	2:11 PM	✓	✓	QV-L-30-SY	- #270
Totals:										

10/02 AH
10/01 AH

DATA ENTERED



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAE5 T033		Sampler Name	Andrew Halverson						
Sample Analyzed:	QV-M-0-SL-01		Print							
Date Analyzed:	10/02/2022		Sampler Signature							
Time Analyzed:	12 PM									
Original Dry Mass [g]	382.11									
Original Slurry Mass [lb]	N/A									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	8.87	105.36	56.49	04:05	10:19	✓	✓	QV-M-0-SL-01 + #25	
50	297	8.67	123.56	114.89	07:17	10:21	✓	✓	QV-M-0-SL-01 + #50	
100	149	8.66	95.92	87.26	03:54	10:22	✓	✓	QV-M-0-SL-01 + #100	
140	105	8.86	34.62	25.76	05:59	10:24	✓	✓	QV-M-0-SL-01 + #140	
200	74	8.75	21.21	12.46	04:05	10:25	✓	✓	QV-M-0-SL-01 + #200	
270	53	8.98	17.04	8.06	06:31	10:26	✓	✓	QV-M-0-SL-01 + #270	
-270	-53	2.11	76.98	74.87	N/A	9:27	10:24 ✓	✓	QV-M-0-SL-01 - #270	
Totals:						10:03				

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-001:RAEST033				Sampler Name		Andrew Halverson			
Sample Analyzed:		QV-M-4-SY PSD 1 of 4				Print					
Date Analyzed:		09/30/2022				Sampler Signature		<i>[Signature]</i>			
Time Analyzed:		12:30 PM									
Original Dry Mass [g]		N/A									
Original Slurry Mass [lb]		Net 30.0									
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	8.91	113.04	104.13	04:37	2:47 PM	✓	✓	QV-M-4-SY	+ #25	
50	297	7.81	163.01	154.20	07:51	2:49	✓	-	QV-M-4-SY	+ #50	
100	149	8.56	120.19	111.63	03:05	2:50	✓	-	QV-M-4-SY	+ #100	
140	105	8.79	32.85	24.06	04:38	2:51	✓	-	QV-M-4-SY	+ #140	
200	74	8.60	20.35	11.75	01:35	2:53	✓	-	QV-M-4-SY	+ #200	
270	53	8.81	15.27	6.46	07:28	2:54	✓	-	QV-M-4-SY	+ #270	
-270	-53	2.18	28.41	26.23	N/A	8:27 AM	✓	✓	QV-M-4-SY	- #270	
Totals:											

10/02 AM



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-001: RAEST023				Sampler Name		Andrew Halverson			
Sample Analyzed:		QV-M-4-SY PSP 20FY				Print					
Date Analyzed:		09/30/2022				Sampler Signature		<i>Andrew Halverson</i>			
Time Analyzed:		3 PM 4 PM									
Original Dry Mass [g]		N/A									
Original Slurry Mass [lb]		Net 20.0									
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	8.84	67.85	59.01	03:15	2:58 PM	✓	✓	QV-M-4-SY	+ #25	
50	297	9.28	152.04	142.76	05:48	2:59	✓	✓	QV-M-4-SY	+ #50	
100	149	8.87	124.83	115.96	03:35	3:00	✓	✓	QV-M-4-SY	+ #100	
140	105	8.87	36.61	27.74	05:35	3:02	✓	✓	QV-M-4-SY	+ #140	
200	74	8.74	22.18	13.44	01:51	3:03	✓	✓	QV-M-4-SY	+ #200	
270	53	8.92	16.65	7.73	03:46	3:05	✓	✓	QV-M-4-SY	+ #270	
-270	-53	2.12	22.78	20.66	N/A	8:23 10/3	✓	✓	QV-M-4-SY	- #270	
Totals:						MO					

30/02 AH



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project: 22013-001: RAES 7033		Sampler Name: Andrew Halverson								
Sample Analyzed: QV-M-4-SY PSD Totals		Print								
Date Analyzed: 09/30/2022		Sampler Signature: <i>Andrew Halverson</i>								
Time Analyzed: 7 PM										
Original Dry Mass [g]: N/A										
Original Slurry Mass [lb]: Net 20.0										
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	8.47	90.24	81.77	03:39	3:08 PM	✓	✓	QV-M-4-SY + #25	
50	297	8.49	161.49	152.96	06:59	3:10	✓	✓	QV-M-4-SY + #50	
100	149	9.08	110.22	101.14	04:15	3:11	✓	✓	QV-M-4-SY + #100	
140	105	8.71	51.39	22.68	05:54	3:12	✓	✓	QV-M-4-SY + #140	
200	74	8.63	19.12	10.49	01:59	3:14	✓	✓	QV-M-4-SY + #200	
270	53	9.20	14.53	5.33	03:34	3:15	✓	✓	QV-M-4-SY + #270	
-270	-53	2.18	13.36	11.18	N/A	8:33.10	✓	✓	QV-M-4-SY - #270	
Totals:						MO				

10/02 AM



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-001 RAAPS TO 33		Sampler Name		Andrew Halverson				
Sample Analyzed:		QV-M-4-SY PSD 40FY		Print						
Date Analyzed:		09/30/2022		Sampler Signature		<i>Andrew Halverson</i>				
Time Analyzed:		7:30 PM								
Original Dry Mass [g]		N/A								
Original Slurry Mass [lb]		NET 20.0								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	8.63	89.20	80.52	04:19	3:19 PM	✓	✓	QV-M-4-SY	#25
50	297	8.78	157.46	148.68	07:04	3:20	✓	✓	QV-M-4-SY	#50
100	149	8.83	106.02	97.19	02:21	3:22	✓	✓	QV-M-4-SY	#100
140	105	8.82	27.71	18.89	04:43	3:24	✓	✓	QV-M-4-SY	#140
200	74	8.77	17.43	8.66	01:57	3:25	✓	✓	QV-M-4-SY	#200
270	53	8.95	12.98	4.03	03:21	3:27	✓	✓	QV-M-4-SY	#270
-270	-53	2.16	10.49	8.33	N/A	9:07 10/3	✓	✓	QV-M-4-SY	#270
Totals:										

MO
10/02
AM



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project: 22013-001 CRAES T033		Sampler Name: Andrew Halverson								
Sample Analyzed: QV-M-8-S4 PED Lot4		Print: Andrew Halverson								
Date Analyzed: 09/30/2022		Sampler Signature: <i>[Signature]</i>								
Time Analyzed: 9 PM										
Original Dry Mass [g]: N/A										
Original Slurry Mass [lb]: Net 14.8										
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	8.68	72.37	63.69	05:17	10:09	✓	✓	QV-M-8-S4 + #25	
50	297	8.50	194.42	185.92	09:10	10:09	✓	✓	QV-M-8-S4 + #50	
100	149	9.20	150.99	141.79	04:21	10:10	✓	✓	QV-M-8-S4 + #100	
140	105	8.68	40.07	31.39	06:35	10:11	✓	✓	QV-M-8-S4 + #140	
200	74	8.73	23.74	15.01	02:23	10:13	✓	✓	QV-M-8-S4 + #200	
270	53	8.75	16.42	7.67	04:16	10:14	✓	✓	QV-M-8-S4 + #270	
-270	-53	2.07	40.67	38.60	N/A	0:52	✓	✓	QV-M-8-S4 + #270	
Totals:										

n10



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	32013-001 SRAES T033		Sampler Name	Andrew Halverson						
Sample Analyzed:	QV-M-8-SY PSD 20FY		Print							
Date Analyzed:	10/01/2022		Sampler Signature							
Time Analyzed:	1:45 PM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	Net 19.8									
Wet RO-TAP Procedure										
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label	
25	707	8.85	84.01	75.16	03:01	7:55	✓	✓	QV-M-8-SY	+ #25
50	297	9.06	228.4	219.35	06:05	7:56	✓	✓	QV-M-8-SY	+ #50
100	149	9.30	162.74	153.49	03:15	7:57	✓	✓	QV-M-8-SY	+ #100
140	105	9.00	41.45	32.45	05:21	7:59	✓	✓	QV-M-8-SY	+ #140
200	74	8.48	24.28	15.80	01:53	8:00	✓	✓	QV-M-8-SY	+ #200
270	53	7.88	15.40	7.52	03:08	8:19	✓	✓	QV-M-8-SY	+ #270
-270	-53	2.15	20.92	18.77	N/A	8:40	✓	✓	QV-M-8-SY	- #270
Totals:										

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-001: RAESTO33				Sampler Name		Andrew Halverson			
Sample Analyzed:		QU-M-8-SY PSD 70F4				Print					
Date Analyzed:		10/01/2022				Sampler Signature					
Time Analyzed:		4:15 PM									
Original Dry Mass [g]		N/A									
Original Slurry Mass [lb]		Net 19.8									
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen (mm:ss)	Sample Logged	Sample Bagged	Sample XRF			
25	707	7.91	58.44	50.53	03:14	8:22	✓	✓	QU-M-8-SU + #25		
50	297	8.32	107.40	99.08	05:16	8:23	✓	✓	QU-M-8-SU + #50		
100	149	8.12	80.74	72.62	02:43	8:23	✓	✓	QU-M-8-SU + #100		
140	105	8.17	24.185	15.98	04:25	8:27	✓	✓	QU-M-8-SU + #140		
200	74	8.87	17.20	8.33	01:37	8:28	✓	✓	QU-M-8-SU + #200		
270	53	8.77	13.03	4.26	03:08	8:28	✓	✓	QU-M-8-SU + #270		
-270	-53	2.10	10.71	8.61	N/A	8:42	✓	✓	QU-M-8-SU - #270		
Totals:											

M0



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAEST033		Sampler Name	Andrew Halverson						
Sample Analyzed:	QV-M-8-SY PSD 4.04		Print							
Date Analyzed:	10/01/2022		Sampler Signature							
Time Analyzed:	4:45 PM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	Net 19.8									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	8.99	79.32	70.33	04:22	8:32	✓	✓	QV-M-8-SU	+ #25
50	297	8.97	123.92	124.95	06:57	8:33	✓	✓	QV-M-8-SU	+ #50
100	149	8.65	103.28	94.63	02:57	8:34	✓	✓	QV-M-8-SU	+ #100
140	105	8.51	29.60	21.09	05:18	8:34	✓	✓	QV-M-8-SU	+ #140
200	74	8.54	18.79	10.25	02:18	8:35	✓	✓	QV-M-8-SU	+ #200
270	53	4.12	14.52	8.40	04:14	8:37	✓	✓	QV-M-8-SU	+ #270
-270	-53	2.11	14.73	12.62	N/A	8:45	✓	✓	QV-M-8-SU	- #270
Totals:										

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-001 - RAEST033				Sampler Name		Andrew Halverson		
Sample Analyzed:		QV-M-30-SY PSD 1 of 4				Print				
Date Analyzed:		10/01/2022				Sampler Signature		<i>Andrew Halverson</i>		
Time Analyzed:		6:30 PM								
Original Dry Mass [g]		N/A								
Original Slurry Mass [lb]		Net 19.8								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	8.62	26.18	17.56	02:46	9:46	✓	✓	QV-M-30-SY	#125
50	297	8.63	87.57	78.89	05:34	9:46	✓	✓	QV-M-30-SY	#150
100	149	8.70	88.60	79.90	03:57	9:47	✓	✓	QV-M-30-SY	#100
140	105	8.86	31.70	22.84	06:14	9:48	✓	✓	QV-M-30-SY	#140
200	74	8.84	21.46	12.62	02:04	9:49	✓	✓	QV-M-30-SY	#200
270	53	8.78	16.19	7.41	03:47	9:49	✓	✓	QV-M-30-SY	#250
-270	-53	2.12	26.18	60.09	N/A	9:43	✓	✓	QV-M-30-SY	#270
Totals:			62.21			9:23				

10/01
MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-001; RAES 7033				Sampler Name		Andrew Halverson				
Sample Analyzed:		QV-M-30-SY PSD 20FY				Print						
Date Analyzed:		10/02/2022				Sampler Signature						
Time Analyzed:		8:30 AM										
Original Dry Mass [g]		N/A										
Original Slurry Mass [lb]		Net 19.8										
Wet RO-TAP Procedure						Checklist			Sample Bag Label			
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label			
25	707	8.14	42.08	53.94	03:31	9:36	✓	✓	QV-M-30-SU T #25			
50	297	8.08	149.19	141.11	06:18	9:36	✓	✓	QV-M-30-SU T #50			
100	149	8.98	117.79	108.81	03:15	9:37	✓	✓	QV-M-30-SU T #100			
140	105	9.14	35.53	26.39	05:35	9:37	✓	✓	QV-M-30-SU T #140			
200	74	9.15	23.06	13.91	02:10	9:38	✓	✓	QV-M-30-SU T #200			
270	53	9.11	17.11	8.00	03:58	9:39	✓	✓	QV-M-30-SU T #270			
-270	-53	2.08	42.21 26.11	24.03	N/A	9:02	✓	✓	QV-M-30-SU T #270			
Totals:						10/04						

M0



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-001 - RAES TOSS				Sampler Name		Andrew Halverson			
Sample Analyzed:		QV-M-30-SY PSD 30TY				Print					
Date Analyzed:		10/02/2022				Sampler Signature					
Time Analyzed:		9:30 AM									
Original Dry Mass [g]		N/A									
Original Slurry Mass [lb]		N/A 19.8									
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	8.87	53.80	44.93	03:17	9:59	✓	✓	QV-M-30-SY	T#25	
50	297	9.44	145.56	136.12	05:33	10:00	✓	✓	QV-M-30-SY	T#50	
100	149	9.58	111.04	101.46	03:29	10:01	✓	✓	QV-M-30-SY	T#100	
140	105	9.17	25.25	20.08	05:20	10:02	✓	✓	QV-M-30-SY	T#140	
200	74	9.60	23.40	13.80	01:48	10:03	✓	✓	QV-M-30-SY	T#200	
270	53	9.81	16.07	6.26	03:19	10:04	✓	✓	QV-M-30-SY	T#270	
-270	-53	2.16	22.81	20.65	N/A	8:56	✓	✓	QV-M-30-SY	T#270	
Totals:						10:04					

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAES T033					Sampler Name	Andrew Halverson			
Sample Analyzed:	QV-M-30-SY PSD 4 of 4					Print				
Date Analyzed:	10/02/2022					Sampler Signature				
Time Analyzed:	10 AM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	Net 19.8									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	8.72	59.98	51.26	04:14	9:51	✓	✓	QV-M-30-SY T#25	
50	297	8.63	175.44	166.81	07:47	9:52	✓	✓	QV-M-30-SY T#50	
100	149	8.91	175.59	136.68	03:03	9:53	✓	✓	QV-M-30-SY T#100	
140	106	8.58	38.70	30.12	05:20	9:54	✓	✓	QV-M-30-SY T#140	
200	74	8.66	23.03	14.37	01:51	9:56	✓	✓	QV-M-30-SY T#200	
270	53	8.73	15.68	6.95	03:16	9:57	✓	✓	QV-M-30-SY T#270	
-270	-53	2.19	21.92	19.73	N/A	8:59	✓	✓	QV-M-30-SY T#270	
Totals:						10:04				

mg



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAESTO33			Sampler Name	Andrew Halverson				
Sample Analyzed:	QV-H-0-SL-01			Print					
Date Analyzed:	10/04/2022			Sampler Signature	<i>Andrew Halverson</i>				
Time Analyzed:	1:2 PM								
Original Dry Mass [g]	384.51								
Original Slurry Mass [lb]	N/A								
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	
25	707	9.21	106.74	57.53	05:03	3:29	✓	✓	QV-H-0-SL-01
50	297	9.05	118.58	109.53	07:44	3:41	✓	✓	QV-H-0-SL-01
100	149	9.11	109.30	98.59	03:14	3:42	✓	✓	QV-H-0-SL-01
140	105	9.16	33.70	24.54	04:55	3:43	✓	✓	QV-H-0-SL-01
200	74	9.33	21.36	12.01	04:28	3:45	✓	✓	QV-H-0-SL-01
270	53	8.92	16.23	7.35	07:12	3:46	✓	✓	QV-H-0-SL-01
-270	-53	2.12	74.79	72.37	N/A	8:21	✓	✓	QV-H-0-SL-01
Totals:						(10/07)			

MD 10/06



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-001:RABS T033				Sampler Name		Andrew Halverson			
Sample Analyzed:		QV-H-4-SY PSD Lot 6				Print					
Date Analyzed:		10/02/2022				Sampler Signature		<i>Andrew Halverson</i>			
Time Analyzed:		5 PM									
Original Dry Mass [g]		N/A									
Original Slurry Mass [lb]		Net 21.2									
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	9.19	71.57	62.38	02:51	8:51	✓	✓	QV-H-4-SY + #25		
50	297	9.17	172.11	162.94	05:57	8:52	✓	✓	QV-H-4-SY + #50		
100	149	9.47	117.61	108.14	03:15	8:53	✓	✓	QV-H-4-SY + #100		
140	105	9.08	31.75	22.67	04:49	8:54	✓	✓	QV-H-4-SY + #140		
200	74	9.39	19.94	10.55	01:56	8:55	✓	✓	QV-H-4-SY + #200		
270	53	9.05	14.18	5.13	03:16	8:56	✓	✓	QV-H-4-SY + #270		
-270	-53	2.10	33.98	31.88	N/A	9:38	✓	✓	QV-H-4-SY - #270		
Totals:						10:04					

M0



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAEST033					Sampler Name:	Andrew Halverson				
Sample Analyzed:	QV-H-4-SY PSD 2 of 6					Print:					
Date Analyzed:	10/02/2022 5:30 PM					Sampler Signature:					
Time Analyzed:	5:30 PM										
Original Dry Mass [g]	N/A										
Original Slurry Mass [lb]	NET 21.2										
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	9.01	50.95	41.94	02:51	7:46	✓	✓	QV-H-4-SY	+ #25	
50	297	9.00	115.40	106.40	05:38	7:47	✓	✓	QV-H-4-SY	+ #50	
100	149	8.98	81.65	72.67	02:38	7:49	✓	✓	QV-H-4-SY	+ #100	
140	105	9.32	24.97	15.65	04:02	7:50	✓	✓	QV-H-4-SY	+ #140	
200	74	9.59	17.13	7.54	01:36	7:51	✓	✓	QV-H-4-SY	+ #200	
270	53	9.04	12.64	3.60	02:50	7:52	✓	✓	QV-H-4-SY	+ #270	
-270	-53	2.17	9.31	7.14	N/A	9:29	✓	✓	QV-H-4-SY	- #270	
Totals:						10/4					

MD



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	RAEST033/22018-008		Sampler Name	Andrew Halverson					
Sample Analyzed:	QV-H-4-SY PSD 3 of 6		Print						
Date Analyzed:	10/03/2022		Sampler Signature						
Time Analyzed:	9:15 AM								
Original Dry Mass [g]	N/A								
Original Slurry Mass [lb]	NCF 21.2								
Wet RO-TAP Procedure									
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	8.497.88	117.26	109.38	02:46	9:06	✓	✓	QV-H-4-SY + #25
50	297	8.24	225.29	217.05	06:24	9:07	✓	✓	QV-H-4-SY + #50
100	149	8.41	146.17	137.76	05:43	9:08	✓	✓	QV-H-4-SY + #100
140	105	8.17	35.66	27.49	04:35	9:10	✓	✓	QV-H-4-SY + #140
200	74	8.87	22.14	13.27	01:47	9:11	✓	✓	QV-H-4-SY + #200
270	53	4.51	15.71	6.20	03:18	9:12	✓	✓	QV-H-4-SY + #270
-270	-53	2.16	18.62	16.46	N/A	9:42	✓	✓	QV-H-4-SY - #270
Totals:						10:04			

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAES RO33					Sampler Name	Andrew Halverson			
Sample Analyzed:	QV-H-4-SY PSD 4 of 6					Print				
Date Analyzed:	10/03/2022					Sampler Signature				
Time Analyzed:	9:40 AM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	NET 27.2									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	8.56	59.22	50.66	02:58	8:59	✓	✓	QV-H-4-SY	+ #25
50	297	8.51	139.76	131.25	05:44	9:00	✓	✓	QV-H-4-SY	+ #50
100	149	9.11	101.03	91.92	02:25	9:01	✓	✓	QV-H-4-SY	+ #100
140	105	8.38	26.51	18.13	03:57	9:02	✓	✓	QV-H-4-SY	+ #140
200	74	8.23	16.89	8.66	01:30	9:03	✓	✓	QV-H-4-SY	+ #200
270	53	8.49	12.28	3.79	03:02	9:04	✓	✓	QV-H-4-SY	+ #270
-270	-53	2.10	10.88	8.78	N/A	9:46	✓	✓	QV-H-4-SY	- #270
Totals:						10/04				

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001 : RAGS T03					Sampler Name	Andrew Halverson				
Sample Analyzed:	QV-H-4-SY PSD 5 of 6					Print					
Date Analyzed:	10/03/2022					Sampler Signature	<i>Andrew Halverson</i>				
Time Analyzed:	10:30 AM										
Original Dry Mass [g]	N/A										
Original Slurry Mass [lb]	NET 21.2										
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	8.60	72.57	63.97	02:48	8:42	✓	✓	QV-H-4-SY	+ #25	
50	297	8.88	124.87	115.99	05:22	8:44	✓	✓	QV-H-4-SY	+ #50	
100	149	9.06	86.05	76.99	02:57	8:45	✓	✓	QV-H-4-SY	+ #100	
140	105	8.64	25.01	16.37	04:27	8:46	✓	✓	QV-H-4-SY	+ #140	
200	74	8.96	16.81	7.85	01:31	8:47	✓	✓	QV-H-4-SY	+ #200	
270	53	9.16	12.80	3.64	03:12	8:48	✓	✓	QV-H-4-SY	+ #270	
-270	-53	2.16	2.08	11.04	8.96	N/A	9:49	✓	✓	QV-H-4-SY	+ #270
Totals:							10/04				

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-DE19RAEST033				Sampler Name		Andrew Halverson			
Sample Analyzed:		QV-H-4-SY PSD 60F6				Print					
Date Analyzed:		10/03/2022				Sampler Signature					
Time Analyzed:		12:30 PM									
Original Dry Mass [g]		N/A									
Original Slurry Mass [lb]		Net 21.2									
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	9.09	86.41	63.97	03:03	9:14	✓	✓	QV-H-4-SY + #25		
50	297	7.99	172.43	115.99	05:53	9:14	✓	✓	QV-H-4-SY + #50		
100	149	8.80	112.75	76.99	02:27	9:15	✓	✓	QV-H-4-SY + #100		
140	105	8.49	29.75	16.37	04:31	9:17	✓	✓	QV-H-4-SY + #140		
200	74	9.04	19.17	7.85	01:48	9:17	✓	✓	QV-H-4-SY + #200		
270	53	8.65	12.91	3.64	02:58	9:19	✓	✓	QV-H-4-SY + #270		
-270	-53	2.12	13.12	8.96	N/A	9:56	✓	✓	QV-H-4-SY - #270		
Totals:						10/04					

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-001 IRAES T073				Sampler Name		Andrew Halverson			
Sample Analyzed:		QV-H-8-SY PSD Lot 6				Print					
Date Analyzed:		10/03/2022				Sampler Signature		<i>Andrew Halverson</i>			
Time Analyzed:		2:40 PM									
Original Dry Mass [g]		N/A									
Original Slurry Mass [lb]		Net 20.2									
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	9.45	58.85	49.40	03:13	10:35	✓	✓	QV-H-8-SY	+ #25	
50	297	9.69	153.48	143.79	05:43	10:36	✓	✓	QV-H-8-SY	+ #50	
100	149	9.35	120.37	111.02	02:22	10:37	✓	✓	QV-H-8-SY	+ #100	
140	105	9.97	33.57	23.60	03:57	10:38	✓	✓	QV-H-8-SY	+ #140	
200	74	9.67	19.25	9.58	01:40	10:39	✓	✓	QV-H-8-SY	+ #200	
270	53	9.54	14.30	4.76	02:50	10:40	✓	✓	QV-H-8-SY	+ #270	
-270	-53	2.09	44.18	42.09	N/A	3:11	✓	✓	QV-H-8-SY	- #270	
Totals:						10/04					

Mo 10/05



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAES T033					Sampler Name	Andrew Halverson				
Sample Analyzed:	QV-H-8-SY PSD 20F6					Print					
Date Analyzed:	10/03/2022										
Time Analyzed:	3:10 PM										
Original Dry Mass [g]	N/A					Sampler Signature	<i>Andrew Halverson</i>				
Original Slurry Mass [lb]	N/F 20.2										
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	9.24	109.44	100.20	03:09	11:20	✓	✓	QV-H-8-SY	+ #25	
50	297	9.17	149.19	140.05	06:14	11:21	✓	✓	QV-H-8-SY	+ #50	
100	149	9.14	99.35	90.21	02:49	11:22	✓	✓	QV-H-8-SY	+ #100	
140	105	9.23	27.53	18.30	04:44	11:24	✓	✓	QV-H-8-SY	+ #140	
200	74	9.43	18.05	8.57	01:42	11:25	✓	✓	QV-H-8-SY	+ #200	
270	53	9.27	13.18	3.91	02:57	11:26	✓	✓	QV-H-8-SY	+ #270	
-270	-53	2.14	12.07	9.93	N/A	10:22	✓	✓	QV-H-8-SY	- #270	
Totals:						10/04					

mo



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: A AESTOZS		Sampler Name	Andrew Halverson						
Sample Analyzed:	QV-H-8-SY PID 3066		Print							
Date Analyzed:	10/03/2022		Sampler Signature							
Time Analyzed:	3:40 PM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	Net 20.2									
Wet RO-TAP Procedure										
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label	
25	707	4.61	99.85	90.24	03:49	11:04	✓	✓	QV-H-8-SU	+ #25
50	297	4.37	204.45	195.08	07:02	11:14	✓	✓	QV-H-8-SU	+ #50
100	149	3.62	128.43	119.81	02:59	11:15	✓	✓	QV-H-8-SU	+ #100
140	105	3.84	34.02	25.13	04:55	11:17	✓	✓	QV-H-8-SU	+ #140
200	74	4.19	21.27	12.08	02:06	11:17	✓	✓	QV-H-8-SU	+ #200
270	53	4.25	15.08	5.83	03:28	11:18	✓	✓	QV-H-8-SU	+ #270
-270	-53	2.10	14.01	11.91	N/A	10:25	✓	✓	QV-H-8-SU	- #270
Totals:						10:04				

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-001: RAES Toss				Sampler Name		Andrew Halverson			
Sample Analyzed:		QV-H-8-SY PSD 40#6				Print					
Date Analyzed:		10/03/2022				Sampler Signature					
Time Analyzed:		4:30 PM									
Original Dry Mass [g]		N/A									
Original Slurry Mass [lb]		Net 20.2									
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	4.09	107.20	58.11	02:16	10:50	✓	✓	QV-H-8-SY	+ #25	
50	297	4.05	139.77	130.72	05:43	10:51	✓	✓	QV-H-8-SY	+ #50	
100	149	8.95	100.99	92.04	02:43	10:51	✓	✓	QV-H-8-SY	+ #100	
140	105	9.07	27.47	18.40	04:32	10:52	✓	✓	QV-H-8-SY	+ #140	
200	74	8.98	17.80	8.82	01:48	10:54	✓	✓	QV-H-8-SY	+ #200	
270	53	9.57	14.62	5.25	03:17	10:55	✓	✓	QV-H-8-SY	+ #270	
-270	-53	2.16	14.74	12.58	N/A	10:28	✓	✓	QV-H-8-SY	+ #270	
Totals:						10/04					

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project: 22013-001: NAEST033		Sampler Name: Andrew Halverson									
Sample Analyzed: QV-H-8-SY PSD 5 of 6		Print									
Date Analyzed: 10/03/2022		Sampler Signature: <i>[Signature]</i>									
Time Analyzed: 5 PM											
Original Dry Mass [g]: N/A											
Original Slurry Mass [lb]: N/A 20.2											
Wet ROTAP Procedure							Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	4.02	42.98	38.96	03:16	10:57	✓	✓	QV-H-8-SY + #25		
50	297	4.31	104.81	95.55	05:36	10:58	✓	✓	QV-H-8-SY + #50		
100	149	4.05	75.55	66.50	02:54	10:59	✓	✓	QV-H-8-SY + #100		
140	105	4.56	25.88	16.52	04:27	11:00	✓	✓	QV-H-8-SY + #140		
200	74	4.33	17.42	8.10	01:52	11:01	✓	✓	QV-H-8-SY + #200		
270	53	4.09	12.61	3.52	02:57	11:02	✓	✓	QV-H-8-SY + #270		
-270	-53	2.08	9.66	7.58	N/A	10:30	✓	✓	QV-H-8-SY - #270		
Totals:						10/04					

MD



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAES T023		Sampler Name	Andrew Halverson					
Sample Analyzed:	QV-H-8-SY PSD 6 of 6		Print						
Date Analyzed:	10/03/2022		Sampler Signature						
Time Analyzed:	7:45 PM								
Original Dry Mass [g]	N/A								
Original Slurry Mass [lb]	N/A 20.7								
Wet ROTAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	9.23	57.05	47.82	03:26	10:42	✓	✓	QV-H-8-SY + #25
50	297	8.81	170.85	162.04	06:18	10:43	✓	✓	QV-H-8-SY + #50
100	149	9.22	135.24	126.02	03:09	10:44	✓	✓	QV-H-8-SY + #100
140	105	9.00	35.21	26.21	05:06	10:46	✓	✓	QV-H-8-SY + #140
200	74	9.06	32.13	13.07	01:44	10:47	✓	✓	QV-H-8-SY + #200
270	53	9.35	14.91	5.56	02:52	10:48	✓	✓	QV-H-8-SY + #270
-270	-53	2.12	14.06	11.94	N/A	2:53	✓	✓	QV-H-8-SY - #270
Totals:						10/04			

MO 10/05

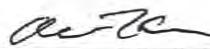


Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-001:RAES T033				Sampler Name:		Andrew Halverson			
Sample Analyzed:		QV-H-30-SY PSD 1 of 5				Print					
Date Analyzed:		10/03/2022				Sampler Signature:		<i>[Signature]</i>			
Time Analyzed:		9:20 PM									
Original Dry Mass [g]		N/A									
Original Slurry Mass [lb]		Net 19.8									
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	8.83	48.106	39.83	03:38	11:31	✓	✓	QV-H-30-SY + #25		
50	297	8.59	142.45	133.56	06:45	11:31	✓	✓	QV-H-30-SY + #50		
100	149	8.84	121.06	112.82	03:53	11:55	✓	✓	QV-H-30-SY + #100		
140	105	9.49	29.49	30.06	06:04	11:56	✓	✓	QV-H-30-SY + #140		
200	74	8.83	23.05	14.82	01:59	11:57	✓	✓	QV-H-30-SY + #200		
270	53	8.98	16.02	7.04	03:44	11:58	✓	✓	QV-H-30-SY + #270		
-270	-53	2.12	11.56	75.25	N/A	3:34	✓	✓	QV-H-30-SY - #270		
Totals:			75.35	73.23		10/04					
			MO	MO		MO					



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001-RAES T033		Sampler Name	Andrew Halverson					
Sample Analyzed:	QV-H-30-SY PSD 2 of 5		Print						
Date Analyzed:	10/05/2022		Sampler Signature						
Time Analyzed:	10 PM								
Original Dry Mass [g]	N/A								
Original Slurry Mass [lb]	Net 19.8								
Wet RO-TAP Procedure									
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Checklist		Sample Bag Label
							Sample Bagged	Sample XRF	
25	707	9.08	57.30	48.22	03:45	12:01	✓	✓	QV-H-30-SY + #25
50	297	9.22	152.91	143.69	06:22	12:02	✓	✓	QV-H-30-SY + #50
100	149	8.61	126.64	118.03	03:03	12:03	✓	✓	QV-H-30-SY + #100
140	105	9.01	41.27	32.26	05:09	12:04	✓	✓	QV-H-30-SY + #140
200	74	8.86	26.50	17.64	01:51	12:05	✓	✓	QV-H-30-SY + #200
270	53	8.60	17.75	9.15	03:22	12:06	✓	✓	QV-H-30-SY + #270
-270	-53	2.08	27.51	25.43	N/A	2:50	✓	✓	QV-H-30-SY - #270
Totals:						16:04			

MD 10/05



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAFTO 53					Sampler Name	Andrew Halverson				
Sample Analyzed:	QV-H-30-SY PSD 3of5					Print					
Date Analyzed:	10/03/2022					Sampler Signature					
Time Analyzed:	10:40 PM										
Original Dry Mass [g]	N/A										
Original Slurry Mass [lb]	Net 19.8										
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	8.96	108.54	99.58	02:50	12:08	✓	✓	QV-H-30-SY #25		
50	297	9.03	156.32	147.29	05:56	12:09	✓	✓	QV-H-30-SY #50		
100	149	9.28	116.70	107.42	02:42	12:10	✓	✓	QV-H-30-SY #100		
140	105	9.27	34.40	25.13	04:05	12:11	✓	✓	QV-H-30-SY #140		
200	74	9.05	20.35	11.30	01:35	12:12	✓	✓	QV-H-30-SY #200		
270	53	9.14	13.84	4.70	02:44	12:13	✓	✓	QV-H-30-SY #270		
-270	-53	2.15	18.27	16.11	N/A	2:59	✓	✓	QV-H-30-SY #270		
Totals:						10/04					

MD 10/05



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	22013-001: RAES T033					Sampler Name	Andrew Halverson			
Sample Analyzed:	QV-H-30-SX PSD 4 of 5					Print				
Date Analyzed:	10/04/2022					Sampler Signature				
Time Analyzed:	9:40 AM									
Original Dry Mass [g]	N/A									
Original Slurry Mass [lb]	NET 19.8									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	8.92	57.43	48.51	03:22	3:21	✓	✓	QV-H-30-SU + #25	
50	297	9.10	119.70	110.60	05:48	3:23	✓	✓	QV-H-30-SU + #50	
100	149	9.38	98.50	89.12	02:52	3:23	✓	✓	QV-H-30-SU + #100	
140	105	8.87	28.75	19.88	04:34	3:24	✓	✓	QV-H-30-SU + #140	
200	74	9.20	19.09	9.89	01:48	3:25	✓	✓	QV-H-30-SU + #200	
270	53	9.17	14.19	5.02	02:56	3:26	✓	✓	QV-H-30-SU + #270	
-270	-53	2.15	16.40	14.25	N/A	3:02	✓	✓	QV-H-30-SU - #270	
Totals:						10:05				

mf



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		22013-0013 RAEs T033				Sampler Name		Andrew Halverson		
Sample Analyzed:		QV-H-30-SY PSD 5of5				Print				
Date Analyzed:		10/04/2022				Sampler Signature				
Time Analyzed:		10:15 AM								
Original Dry Mass [g]		N/A								
Original Slurry Mass [lb]		Net 19.8								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	8.96	59.94	50.98	02:54	3:28	✓	✓	QV-H-30-SY + #25	
50	297	9.08	135.88	126.80	05:53	3:29	✓	✓	QV-H-30-SY + #50	
100	149	8.84	108.78	99.94	02:56	3:30	✓	✓	QV-H-30-SY + #100	
140	105	9.04	32.62	23.58	04:43	3:31	✓	✓	QV-H-30-SY + #140	
200	74	9.33	20.92	11.59	02:04	3:32	✓	✓	QV-H-30-SY + #200	
270	53	9.59	14.63	5.04	03:28	3:33	✓	✓	QV-H-30-SY + #270	
-270	-53	2.10	18.04	15.94	N/A	3:34	✓	✓	QV-H-30-SY - #270	
Totals:						10:05				

MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	RAES mo	Sampler Name	Jordan Dick						
Sample Analyzed:	CTS-L-0-SL-01091	Print							
Date Analyzed:	10/1/22	Sampler Signature	[Signature]						
Time Analyzed:	3:31 PM								
Original Dry Mass [g]	315.40g								
Original Slurry Mass [lb]	NA								
Wet RO-TAP Procedure									
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	9.15	16.03	6.88	4:05	10:16	✓	✓	CTS-L-0-SL-01 + #25
50	297	9.15	20.38	11.73	7:32	10:17	✓	✓	CTS-L-0-SL-01 + #50
100	149	9.15	41.34	32.09	5:36	10:18	✓	✓	CTS-L-0-SL-01 + #100
140	105	9.15	44.72	35.57	8:21	10:19	✓	✓	CTS-L-0-SL-01 + #140
200	74	9.15	52.45	43.80	4:42	10:20	✓	✓	CTS-L-0-SL-01 + #200
270	53	9.15	48.78	36.63	7:27	10:21	✓	✓	CTS-L-0-SL-01 + #270
-270	-53	3.11	148.69	143.58		10:35	✓	✓	CTS-L-0-SL-01 - #270
Totals:									

* Breaker tripped on 50 mesh screen
 * No tare on cup.
 Took Average of
 12 cups as base.



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project: RAES		Sampler Name: Jordan Dick								
Sample Analyzed: CTS-L-4-SY 1 of 5		Print								
Date Analyzed: 10/5/22		Sampler Signature: <i>JM Dick</i>								
Time Analyzed: 10:32 AM										
Original Dry Mass [g]: NA										
Original Slurry Mass [lb]: 18.2 lbs										
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	8.55	8.83	0.28	5:22	3:50	✓	✓	CTS-L-4-SY + #25	
50	297	9.63	9.72	0.09	7:46	3:50	✓	✓	CTS-L-4-SY + #50	
100	149	9.4	12.00	2.60	4:23	3:51	✓	✓	CTS-L-4-SY + #100	
140	105	9.03	13.40	4.43	6:57	3:51	✓	✓	CTS-L-4-SY + #140	
200	74	9.53	20.97	11.44	5:03	3:52	✓	✓	CTS-L-4-SY + #200	
270	53	9.07	23.91	14.84	7:52	3:52	✓	✓	CTS-L-4-SY + #270	
-270	-53	2.13	23.65	233.06	NA	3 PM	✓	✓	CTS-L-4-SY - #270	
Totals:									10/7/22 JF	

Split into A+B
pressure filters,
This one was B
10/13

10/11 AM

-270 A

Tare:
2.13 g

Gross:
303.67 g

10/13 9:12 AM
Bagged ✓

10/21 re-screened

	Tare wt	Dry mass total	Net mass total
+200M	8.84	176.12	167.28
+270M	2.13	146.89	144.76

+200 +270 material



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	RAES				Sampler Name	Jordan Dick					
Sample Analyzed:	CTS-L-4-SV 2 of 5				Print						
Date Analyzed:	10/5/22				Sampler Signature	<i>Jordan Dick</i>					
Time Analyzed:	11:22AM										
Original Dry Mass [g]	NA										
Original Slurry Mass [lb]	18.2 lbs										
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	7.9	10.04	0.14	4:23	9:16	✓	✓	CTS-L-4-SV + #25		
50	297	9.95	19.08	6.13	6:47	9:17	✓	✓	CTS-L-4-SV + #50		
100	149	9.11	42.15	33.04	5:37	9:18	✓	✓	CTS-L-4-SV + #100		
140	105	9.11	49.27	40.19	6:58	9:19	✓	✓	CTS-L-4-SV + #140		
200	74	8.98	71.50	72.32	5:37	9:21	✓	✓	CTS-L-4-SV + #200		
270	53	9.26	58.46	49.20	7:38	9:24	✓	✓	CTS-L-4-SV + #270		
-270	-53	2.17	134.21	132.04		8:50	✓	✓	CTS-L-4-SV - #270		
Totals:						10/07MO / F					



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		RAES		Sampler Name		Jordan Dick			
Sample Analyzed:		CTS-L-4-SU 3 of 5		Print					
Date Analyzed:		10/5/22		Sampler Signature		John Dick			
Time Analyzed:		1:00 PM							
Original Dry Mass [g]		NA							
Original Slurry Mass [lb]		19.2 lbs							
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	8.68	17.15	8.47	5:06	8:30	✓	✓	CTS-L-4-SU + #25
50	297	9.08	28.28	29.25	6:27	8:30	✓	✓	CTS-L-4-SU + #50
100	149	8.67	62.60	53.93	5:43	8:31	✓	✓	CTS-L-4-SU + #100
140	105	9.14	48.32	39.18	7:51	8:32	✓	✓	CTS-L-4-SU + #140
200	74	9.11	63.40	53.29	5:13	8:33	✓	✓	CTS-L-4-SU + #200
270	53	8.70	42.82	34.12	6:48	8:34	✓	✓	CTS-L-4-SU + #270
-270	-53	2.18	52.01	49.88	NA	9:07	✓	✓	CTS-L-4-SU - #270
Totals:						10:07	✓		

CHECK IN AM ~~200 62.27~~
~~270 42.72~~



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project: <u>RAED</u>		Sampler Name		<u>Jordan Dick</u>						
Sample Analyzed: <u>CTS-L-4-SU 4 of 5</u>		Print								
Date Analyzed: <u>10/5/22</u>		Sampler Signature		<u>Jordan Dick</u>						
Time Analyzed: <u>1:45 PM</u>										
Original Dry Mass [g]: <u>NA</u>										
Original Slurry Mass [lb]: <u>18.2 lbs</u>										
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	<u>9.63</u>	<u>27.26</u>	<u>17.97</u>	<u>5:23</u>	<u>3:44</u>	✓	✓	<u>CTS-L-4-SU + #25</u>	
50	297	<u>9.64</u>	<u>53.78</u>	<u>44.14</u>	<u>7:06</u>	<u>3:44</u>	✓	✓	<u>CTS-L-4-SU + #50</u>	
100	149	<u>8.87</u>	<u>69.81</u>	<u>60.94</u>	<u>8:56</u>	<u>3:45</u>	✓	✓	<u>CTS-L-4-SU + #100</u>	
140	105	<u>4.29</u>	<u>88.4</u>	<u>41.28</u>	<u>8:24</u>	<u>3:46</u>	✓	✓	<u>CTS-L-4-SU + #140</u>	
200	74	<u>9.08</u>	<u>51.21</u>	<u>42.13</u>	<u>5:37</u>	<u>3:46</u>	✓	✓	<u>CTS-L-4-SU + #200</u>	
270	53	<u>8.58</u>	<u>23.07</u>	<u>14.44</u>	<u>6:52</u>	<u>3:47</u>	✓	✓	<u>CTS-L-4-SU + #270</u>	
-270	-53	<u>2.19</u>	<u>30.04</u>	<u>17.90</u>	<u>NA</u>	<u>2:08</u>	✓	✓	<u>CTS-L-4-SU - #270</u>	
Totals:									<u>1010emo AF</u>	



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		RAES		Sampler Name		Jordan Dick			
Sample Analyzed:		CTS-L-4-SU 5 OF 5		Print					
Date Analyzed:		10/6/22		Sampler Signature		[Signature]			
Time Analyzed:		8:00 AM							
Original Dry Mass [g]		NA							
Original Slurry Mass [lb]		18.2 lbs							
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	9.41	12.90	3.49	3:29	9:33	✓	✓	CTS-L-4-SU + # 25
50	297	9.61	20.74	11.13	6:47	9:34	✓	✓	CTS-L-4-SU + # 50
100	149	9.26	27.85	18.29	6:14	9:35	✓	✓	CTS-L-4-SU + # 100
140	105	9.49	22.01	12.52	7:38	9:36	✓	✓	CTS-L-4-SU + # 140
200	74	9.62	28.41	18.80	5:49	9:37	✓	✓	CTS-L-4-SU + # 200
270	53	9.58	18.14	8.56	6:57	9:38	✓	✓	CTS-L-4-SU + # 270
-270	-53	2.11	18.57	13.46	NA	8:57	✓	✓	CTS-L-4-SU - # 270
Totals:						C10107M0 LF			



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project: RAES		Sampler Name: Jordan Dick								
Sample Analyzed: CTS-L-8-SY 1 of 4		Print								
Date Analyzed: 10/6/22		Sampler Signature: <i>JM Dick</i>								
Time Analyzed: 9:45 AM										
Original Dry Mass [g]: NA										
Original Slurry Mass [lb]: 10.0 (lb)										
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XR?		
25	707	8.72	13.61	4.89	6:23	11:19	✓	✓	CTS-L-8-SY -#25	
50	297	8.67	27.37	28.70	7:45	11:20	✓	✓	CTS-L-8-SY -#50	
100	149	9.05	21.08	16.98	6:33	11:21	✓	✓	CTS-L-8-SY -#100	
140	105	8.05	62.58	53.52	8:21	11:22	✓	✓	CTS-L-8-SY -#140	
200	74	8.84	67.44	80.60	7:21	11:23	✓	✓	CTS-L-8-SY -#200	
270	53	9.61	48.27	36.16	8:49	11:24	✓	✓	CTS-L-8-SY -#270	
-270	-53	2.12	48.14	473.74	NA	3:12 PM	✓	✓	CTS-L-8-SY -#270	
Totals:						10/7/22			FF 10/17/22	

error 10/11 AM

error 10/11 AM

Actual Tare (g) Gross dry (g)
 2.19 475.93

10/14/20



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		PAES		Sampler Name		Jerison Dick				
Sample Analyzed:		CTS-L-8-SU 2 of 4		Print						
Date Analyzed:		10/6/22		Sampler Signature		[Signature]				
Time Analyzed:		9:30								
Original Dry Mass [g]		NA								
Original Slurry Mass [lb]		18.0 lbs								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XR:		
25	707	8.26	10.59	1.83	5:24	11:02	✓	✓	CTS-L-8-SU + #25	
50	297	8.08	22.18	13.10	7:37	11:03	✓	✓	CTS-L-8-SU + #50	
100	149	8.43	45.24	36.31	9:48	11:04	✓	✓	CTS-L-8-SU + #100	
140	105	8.01	38.91	29.90	8:01	11:05	✓	✓	CTS-L-8-SU + #140	
200	74	8.64	61.13	52.49	6:09	11:06	✓	✓	CTS-L-8-SU + #200	
270	53	8.08	28.30	19.22	7:23	11:07	✓	✓	CTS-L-8-SU + #270	
-270	-53	2.18	60.90	58.72	NA	11:07	✓	✓	CTS-L-8-SU + #270	
Totals:						10/7/22			10/7/22	



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project: RAES		Sampler Name: Jordan Dick								
Sample Analyzed: CTS-L-8-SU 3 of 4		Print								
Date Analyzed: 10/6/22		Sampler Signature: <i>Jordan Dick</i>								
Time Analyzed: 10:25 AM										
Original Dry Mass [g]: NA										
Original Slurry Mass [lb]: 18.0 lbs										
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	8.47	10.36	0.89	5:24	11:52	✓	✓	CTS-L-8-SU L#25	
50	297	9.38	17.86	0.48	6:42	11:53	✓		CTS-L-8-SU T#50	
100	149	9.31	28.48	19.17	5:46	11:54	✓	✓	CTS-L-8-SU + #100	
140	105	9.01	28.91	16.50	7:31	11:55	✓	✓	CTS-L-8-SU + #140	
200	74	9.13	33.54	24.24	5:58	11:56	✓	✓	CTS-L-8-SU L#200	
270	53	8.92	21.18	12.26	6:56	11:57	✓	✓	CTS-L-8-SM + #270	
-270	-53	2.15	2.48.14	45.99	NA	3:12 PM	✓	✓	CTS-L-8-SM - #270	
Totals:						10/7/22 10:17 AM				



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project: RAE3		Sampler Name: Jordan Dek								
Sample Analyzed: CTS-L-8-SL 4 of 4		Print								
Date Analyzed: 10/6/22		Sampler Signature: <i>JM Dek</i>								
Time Analyzed: 11:00 AM										
Original Dry Mass [g]: NA										
Original Slurry Mass [lb]: 12.0 lb										
Wet ROTAP Procedure					Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.75	10.45	0.70	5:24	10:51	✓	✓	CTS-L-8-SL + #25	
50	297	8.40	13.64	5.23	6:49	10:56	✓	✓	CTS-L-8-SL + #50	
100	149	8.83	21.73	12.89	6:04	10:57	✓	✓	CTS-L-8-SL + #100	
140	105	8.75	24.38	15.63	7:23	10:52	✓	✓	CTS-L-8-SL + #140	
200	74	8.63	42.05	34.42	5:47	10:53	✓	✓	CTS-L-8-SL + #200	
270	53	9.01	41.88	32.84	7:08	10:54	✓	✓	CTS-L-8-SL + #270	
-270	-53	2.14	29.73	27.64	NA	3:04 PM	✓	✓	CTS-L-8-SL - #270	
Totals:							↓		10/7/22	10/17

* Motor failed while on the 270 Mesh screen

10/11
AM

DATA ENTERED



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		BAES				Sampler Name		Jordan D. etc		
Sample Analyzed:		CTS-L-30-S4 1 of 5				Print				
Date Analyzed:		10/6/22				Sampler Signature		[Signature]		
Time Analyzed:		1:25 PM								
Original Dry Mass [g]		NA								
Original Slurry Mass [lb]		12.8 lbs								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.22	9.28	0.06	5:21	12:52	✓	✓	CTS-L-30-S4 + #25	
50	297	9.71	9.04	0.33	6:41	12:55	✓	✓	CTS-L-30-S4 + #50	
100	149	8.89	9.73	0.84	6:27	12:54	✓	✓	CTS-L-30-S4 + #100	
140	105	9.28	9.96	0.73	7:51	12:55	✓	✓	CTS-L-30-S4 + #140	
200	74	9.24	13.90	14.66	6:40	12:56	✓	✓	CTS-L-30-S4 + #200	
270	53	8.85	13.85	4.50	2:01	12:57	✓	✓	CTS-L-30-S4 + #270	
-270	-53	2.16	512.80	510.64	NA	11:11	✓	✓	CTS-L-30-S4 - #270	
Totals:						10/11/22 FF			10/11/22 FF	

10/14 MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project: RATES		Sampler Name: Jordan Dick							
Sample Analyzed: CTS-L-30-SY 2 of 5		Print							
Date Analyzed: 10/6/22		Sampler Signature: <i>J. Dick</i>							
Time Analyzed: 2:00 PM									
Original Dry Mass [g]: NA									
Original Slurry Mass [lb]: 12.8 lbs									
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	8.92	10.09	1.17	5:49	12:40	✓	✓	CTS-L-30-SY + #25
50	297	8.07	20.84	10.97	7:01	12:41	✓	✓	CTS-L-30-SY + #50
100	149	8.26	41.46	35.20	5:37	12:42	✓	✓	CTS-L-30-SY + #100
140	105	9.13	45.69	30.57	7:27	12:43	✓	✓	CTS-L-30-SY + #140
200	74	9.57	81.36	71.99	6:51	12:44	✓	✓	CTS-L-30-SY + #200
270	53	9.07	49.75	40.66	0:27	12:45	✓	✓	CTS-L-30-SY + #270
-270	-53	2.10	96.12	94.02	NA	2:49 PM	✓	✓	CTS-L-30-SY - #270
Totals:						10/7/22 10:17 TC			



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		RAES		Sampler Name		Jordan Dick				
Sample Analyzed:		CTS-L-30-S4 3 of 5		Print						
Date Analyzed:		10/6/23		Sampler Signature		[Signature]				
Time Analyzed:		9:45 AM								
Original Dry Mass [g]		NA								
Original Slurry Mass [lb]		18.5 lbs								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.03	11.83	2.80	5:09	12:21	✓	✓	CTS-P-30-SU + #25	
50	297	9.56	23:69	14.13	6:26	12:22	✓	✓	CTS-L-30-SU + #50	
100	149	8.38	21.49	32.76	6:40	12:23	✓	✓	CTS-L-30-SU + #100	
140	105	9.38	11.00	30.02	8:20	12:24	✓	✓	CTS-L-30-SU + #140	
200	74	9.30	50.96	41.48	5:52	12:25	✓	✓	CTS-L-30-SU + #200	
270	53	9.55	31.09	21.54	7:09	12:26	✓	✓	CTS-L-30-SU + #270	
-270	-53	2.11	29.16	27.05	NA	2:45 PM	✓	✓	CTS-L-30-SU + #270	
Totals:										

10/8/22 10/17 JT
 ↓
 10/11



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		RAES		Sampler Name		Jordan Dick			
Sample Analyzed:		CTS-L-30-SU 4 of 5		Print					
Date Analyzed:		10/6/22		Sampler Signature		<i>Jordan Dick</i>			
Time Analyzed:		3:45 PM							
Original Dry Mass [g]		NA							
Original Slurry Mass [lb]		18.5 lbs							
Wet RO-TAP Procedure					Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	9.47	60.02	0.55	5:37	12:12	✓	✓	CTS-L-30-SU + #25
50	297	9.82	18.36	3.54	7:51	12:13	✓	✓	CTS-L-30-SU + #50
100	149	9.49	26.45	16.96	6:21	12:14	✓	✓	CTS-L-30-SU + #100
140	105	9.64	25.77	16.13	8:01	12:15	✓	✓	CTS-L-30-SU + #140
200	74	9.73	38.61	28.88	5:21	12:16	✓	✓	CTS-L-30-SU + #200
270	53	9.19	28.35	19.16	7:15	12:17	✓	✓	CTS-L-30-SU + #270
-270	-53	2.14	27.59	25.45	NA	2:36 PM	✓	✓	CTS-L-30-SU - #270
Totals:									10/17 FF

NET MASS #140 = 16.27
 #200 = 29.38
 #270 = 17.17

↓
 10/11
 AH



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		RAIES				Sampler Name		Jordan Dick			
Sample Analyzed:		LFS-L-30-SU 5 of 5				Print:					
Date Analyzed:		10/6/22				Sampler Signature		<i>Jordan Dick</i>			
Time Analyzed:		4:45 PM									
Original Dry Mass [g]		NA									
Original Slurry Mass [lb]		18.8 lbs									
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	9.28	19.77	0.49	5:48	12:31	✓	✓	CTS-L-30-SU #25		
50	297	9.62	19.74	0.12	7:37	12:32	✓	✓	CTS-L-30-SU #50		
100	149	9.47	22.46	12.95	6:45	12:33	✓	✓	CTS-L-30-SU #100		
140	105	9.16	22.59	12.90	8:21	12:34	✓	✓	CTS-L-30-SU #140		
200	74	8.91	20.45	21.54	6:27	12:35	✓	✓	CTS-L-30-SU #200		
270	53	9.08	20.91	11.83	7:16	12:36	✓	✓	CTS-L-30-SU #270		
-270	-53	2.13	19.89	17.76	NA	2:48 PM	✓	✓	CTS-L-30-SU #270		
Totals:											

10/17/22
 ↓
 10/22
 AH



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	RAES		Sampler Name	Jordan Dick					
Sample Analyzed:	CTS-M-0- SL SL-01 _{mo}		Print						
Date Analyzed:	10/11/22		Sampler Signature	[Signature]					
Time Analyzed:	8:00 AM								
Original Dry Mass [g]	337.14g								
Original Slurry Mass [lb]	NA								
Wet RO-TAP Procedure									
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	8.40	16.74	8.34	10:21	10:31	✓	✓	CTS-M-0-SL-01 + #25
50	297	8.56	25.89	17.33	12:08	10:32	✓	✓	CTS-M-0-SL-01 + #50
100	149	8.70	47.18	38.48	6:32	10:34	✓	✓	CTS-M-0-SL-01 + #100
140	105	8.91	45.82	36.91	2:21	10:35	✓	✓	CTS-M-0-SL-01 + #140
200	74	8.69	57.49	48.80	5:40	10:37	✓	✓	CTS-M-0-SL-01 + #200
270	53	8.24	39.19	30.95	6:37	10:39	✓	✓	CTS-M-0-SL-01 + #270
-270	-53	2.16	157.80	155.64	NA	9:36	✓	✓	CTS-M-0-SL-01 - #270
Totals:						10/13 MO			



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		RAES				Sampler Name		Jordan Dick		
Sample Analyzed:		CTS-M-4-SL 1 of 3				Print				
Date Analyzed:		10/11/22				Sampler Signature		[Signature]		
Time Analyzed:		9:20AM								
Original Dry Mass [g]		NA								
Original Slurry Mass [lb]		18.6 lbs								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.18	9.23	0.05	6:24	10:06	✓	✓	CTS-M-4-SL + #25	
50	297	8.83	9.52	0.69	6:39	10:01	✓	✓	CTS-M-4-SL + #20	
100	149	9.09	11.76	2.67	6:18	10:03	✓	✓	CTS-M-4-SL + #100	
140	105	9.30	13.79	4.49	7:39	10:05	✓	✓	CTS-M-4-SL + #140	
200	74	8.97	22.36	13.39	6:26	10:06	✓	✓	CTS-M-4-SL + #200	
270	53	8.84	25.43	16.59	7:58	10:08	✓	✓	CTS-M-4-SL + #270	
-270	-53	2.09	419.94	417.85	NA	9:04	✓	✓	CTS-M-4-SL - #270	
Totals:						10/13MO		10/18 JF		

10/17MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project: RAES		Sampler Name: Jordan Dick								
Sample Analyzed: CTS-M-4-SU 2 of 3		Print								
Date Analyzed: 10/11/22		Sampler Signature: <i>Jordan Dick</i>								
Time Analyzed: mistake -> D										
Original Dry Mass [g]: NA										
Original Slurry Mass [lb]: 18.6 lbs										
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XR?		
25	707	9.51	15.91	6.40	6:57	10:11	✓	✓	CTS-M-4-SU T #25	
50	297	8.88	47.75	38.87	2:14	10:14	✓	✓	CTS-M-4-SU T #50	
100	149	9.05	97.76	88.71	2:24	10:15	✓	✓	CTS-M-4-SU T #100	
140	105	9.58	83.49	73.91	2:46	10:18	✓	✓	CTS-M-4-SU T #140	
200	74	9.17	103.86	94.69	2:04	10:20	✓	✓	CTS-M-4-SU T #200	
270	53	8.85	54.22	45.37	2:37	10:21	✓	✓	CTS-M-4-SU T #270	
-270	-53	2.03	90.35	88.32	NA	9:32 AM	✓	✓	CTS-M-4-SU T #270	
Totals:						10/13 MD			10/18 FF	

↓
10/12 AM



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

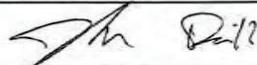
Project:	RAES			Sampler Name	Jordan Dick					
Sample Analyzed:	CTS-M-4-SU 3 of 3			Print						
Date Analyzed:	10/11/22			Sampler Signature						
Time Analyzed:	mistake - 3D									
Original Dry Mass [g]	NA									
Original Slurry Mass [lb]	12.6 lbs									
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.01	15.21	6.20	7:42	9:46	✓	✓	CTS-M-4-SU + #25	
50	297	8.67	39.01	30.34	9:23	9:48	✓	✓	CTS-M-4-SU + #50	
100	149	8.53	17.83	61.30	6:22	9:51	✓	✓	CTS-M-4-SU + #100	
140	105	8.64	56.01	47.37	7:53	9:53	✓	✓	CTS-M-4-SU + #140	
200	74	9.46	66.56	57.10	6:33	9:55	✓	✓	CTS-M-4-SU + #200	
270	53	9.32	42.64	33.32	8:14	9:57	✓	✓	CTS-M-4-SU + #270	
-270	-53	2.08	44.38	42.30	NA	10:25	✓	✓	CTS-M-4-SU - #270	
Totals:						10:13 MD		10:18 IF		



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		RAE's		Sampler Name		Jordan Dick				
Sample Analyzed:		CTS-M-8-54 1 of 3		Print						
Date Analyzed:		10/11/22		Sampler Signature		Jm Dick				
Time Analyzed:		mistake - SD								
Original Dry Mass [g]		NA								
Original Slurry Mass [lb]		12.6 lbs								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.25	10.06	0.81	6:49	10:48	✓	✓	CTS-M-8-54 + #25	
50	297	9.45	15.42	5.97	2:04	10:50	✓	✓	CTS-M-8-54 + #50	
100	149	9.55	31.90	22.35	5:23	10:53	✓	✓	CTS-M-8-54 + #100	
140	105	9.37	37.94	28.57	7:36	10:55	✓	✓	CTS-M-8-54 + #140	
200	74	9.10	67.62	58.52	6:31	10:56	✓	✓	CTS-M-8-54 + #200	
270	53	9.17	60.75	51.58	7:56	10:58	✓	✓	CTS-M-8-54 + #270	
-270	-53	2.18	502.43	500.25	NA	10:13mo	✓	✓	CTS-M-8-54 - #270	
Totals:						10/13mo			10/13 21	

10/17MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		RAES		Sampler Name		Jordan Dink				
Sample Analyzed:		CTS-M-8-Sy 2 of 3		Print						
Date Analyzed:		10/1/23		Sampler Signature		[Signature]				
Time Analyzed:		mistake - JD								
Original Dry Mass [g]		NA								
Original Slurry Mass [lb]		18.6 lbs								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.76	12.14	2.38	6:57	11:06	✓	✓	CTS-M-8-Sy #25	
50	297	9.12	26.26	17.14	8:24	11:08	✓	✓	CTS-M-8-Sy #50	
100	149	9.02	57.88	48.86	5:41	11:09	✓	✓	CTS-M-8-Sy #100	
140	105	9.26	47.23	37.97	7:22	11:10	✓	✓	CTS-M-8-Sy #140	
200	74	9.54	52.93	43.39	5:34	11:11	✓	✓	CTS-M-8-Sy #200	
270	53	8.95	29.70	20.75	6:46	11:13	✓	✓	CTS-M-8-Sy #270	
-270	-53	2.16	41.51	39.35	NA	10:59	✓	✓	CTS-M-8-Sy #270	
Totals:						10/13 MD			10/18 JT	



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		PINES		Sampler Name		Jordan Dick				
Sample Analyzed:		CTS-M-8-S4 3 of 3		Print						
Date Analyzed:		10/11/22		Sampler Signature		[Signature]				
Time Analyzed:		mistake - 30								
Original Dry Mass [g]		NA								
Original Slurry Mass [lb]		18.6 lbs								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	8.77	17.63	8.86	5:37	11:14	✓	✓	CTS-M-8-S4 + #25	
50	297	8.83	43.93	35.10	6:52	11:15	✓	✓	CTS-M-8-S4 + #50	
100	149	8.55	86.01	77.46	6:15	11:17	✓	✓	CTS-M-8-S4 + #100	
140	105	8.71	29.35	50.64	7:41	11:18	✓	✓	CTS-M-8-S4 + #140	
200	74	9.00	67.19	58.19	5:24	11:19	✓	✓	CTS-M-8-S4 + #200	
270	53	9.24	33.19	23.95	6:57	11:20	✓	✓	CTS-M-8-S4 + #270	
-270	-53	2.17	37.34	35.11	NA	11:01	✓	✓	CTS-M-8-S4 - #270	
Totals:						10/13/20			10/18/22 JF	



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		RAES		Sampler Name		Lorian Dirk			
Sample Analyzed:		CTS-M-30-24 1 of 4		Print					
Date Analyzed:		10/13/22		Sampler Signature		John Dirk			
Time Analyzed:		8:06 AM							
Original Dry Mass [g]		NA							
Original Slurry Mass [lb]		18.6 lbs							
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	
25	707	9.28	11.0 1.04	0.04	4:25	11:54	✓	✓	CTS-M-30-SU + #25
50	297	9.28	9.28	0.05	5:37	11:54	✓	✓	CTS-M-30-SU + #50
100	149	9.16	9.28	0.12	6:27	11:57	✓	✓	CTS-M-30-SU + #100
140	105	9.18	9.33	0.15	7:49	11:59	✓	✓	CTS-M-30-SU + #140
200	74	9.00	9.76	0.16	6:42	12:00	✓	✓	CTS-M-30-SU + #200
270	53	9.06	9.30	0.24	8:06	12:08	✓	✓	CTS-M-30-SU + #270
-270	-53	2.13	2.57		NA	8:38	✓	✓	CTS-M-30-SU - #270
Totals:		2.13	284.95	2.82		10/14 MO			

+25 DRY MASS = 9.32g

10/20 MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	PAES		Sampler Name:	Jordan Dick					
Sample Analyzed:	CTS-M-30-SU 2 of 4		Print:						
Date Analyzed:	6/13/22		Sampler Signature:	<i>J Dick</i>					
Time Analyzed:	8:22 AM								
Original Dry Mass [g]	NA								
Original Slurry Mass [lb]	18.6 lbs								
Wet RO-TAP Procedure									
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	8.59	9.81	1.22	5:24	11:43	✓	✓	CTS-M-30-SU #25
50	297	9.30	110.20	6.90	7:52	11:45	✓	✓	CTS-M-30-SU #50
100	149	9.07	29.94	20.87	6:37	11:47	✓	✓	CTS-M-30-SU #100
140	105	8.76	30.65	21.89	8:02	11:48	✓	✓	CTS-M-30-SU #140
200	74	8.77	55.42	46.65	6:29	11:50	✓	✓	CTS-M-30-SU #200
270	53	8.70	45.62	36.92	7:53	11:51	✓	✓	CTS-M-30-SU #270
-270	-53	2.13	235.53	233.40	NA	8:38	✓	✓	CTS-M-30-SU #270
Totals:									

10/14 MO

10/17 MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		KAEs		Sampler Name		Jordan Dick			
Sample Analyzed:		C75-M-30-S4 3 of 4		Print					
Date Analyzed:		10/13/23		Sampler Signature		John Dick			
Time Analyzed:		8:55 AM							
Original Dry Mass [g]		NA							
Original Slurry Mass [lb]		18.6 lbs							
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	9.06	13.59	4.53	6:20	11:32	✓	✓	CTS-M-30-S4 #25
50	297	9.07	41.32	32.30	7:47	11:34	✓	✓	CTS-M-30-S4 #50
100	149	9.32	90.84	81.52	8:45	11:38	✓	✓	CTS-M-30-S4 #100
140	105	9.39	106.66	97.27	8:17	11:39	✓	✓	CTS-M-30-S4 #140
200	74	9.65	92.60	82.95	8:48	11:39	✓	✓	CTS-M-30-S4 #200
270	53	9.21	37.28	28.07	7:12	11:41	✓	✓	CTS-M-30-S4 #270
-270	-53	2.17	52.49	50.32	NA	8:33	✓	✓	CTS-M-30-S4 #270
Totals:						10/14 MO			

10/17 MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		RAE3			Sampler Name		Jordan Dick			
Sample Analyzed:		CTS-M-30-SU 4 of 4			Print					
Date Analyzed:		10/17/22			Sampler Signature		[Signature]			
Time Analyzed:										
Original Dry Mass [g]		NA								
Original Slurry Mass [lb]		18.6 lbs								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.44	11.67	2.23	6:49	10:34	✓	✓	CTS-M-30-SU #25	
50	297	9.42	23.29	13.87	7:58	10:35	✓	✓	CTS-M-30-SU + #50	
100	149	9.41	49.86	40.45	5:47	10:36	✓	✓	CTS-M-30-SU + #100	
140	105	8.86	38.52	29.66	6:46	10:37	✓	✓	CTS-M-30-SU + #140	
200	74	9.26	50.22	40.96	5:37	10:38	✓	✓	CTS-M-30-SU + #200	
270	53	9.48	27.29	17.81	7:01	10:40	✓	✓	CTS-M-30-SU + #270	
-270	-53	2.16	33.69	31.53	NA	10:45	✓	✓	CTS-M-30-SU - #270	
Totals:						10/14 MO				



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		RAES		Sampler Name		Jordan Dick			
Sample Analyzed:		CS-H-0-SL 1 of 1		Print					
Date Analyzed:		10/17/22		Sampler Signature		[Signature]			
Time Analyzed:		8:46 AM							
Original Dry Mass [g]		400.27g							
Original Slurry Mass [lb]		NA							
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	7.52	18.28	18.28	0:01	7:42	✓	✓	CTS-H-0-SL-01-#25
50	297	7.47	22.81	22.81	9:15	7:41	✓	✓	CTS-H-0-SL-01-#50
100	149	7.00	45.85	45.85	7:14	7:40	✓	✓	CTS-H-0-SL-01-#100
140	105	7.08	45.54	36.46	8:39	7:39	✓	✓	CTS-H-0-SL-01-#140
200	74	7.60	69.56	59.96	6:26	7:38	✓	✓	CTS-H-0-SL-01-#200
270	53	7.18	47.21	40.03	7:52	7:37	✓	✓	CTS-H-0-SL-01-#270
-270	-53	7.18 mo	47.21	199.00	NA	8:50	✓	✓	CTS-H-0-SL-01-#270
Totals:		2.16	201.16			10/14 #		10/18 #	

net total #25 = 8.76
 #50 = 13.34
 #100 = 36.25

10/17 mo



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		RAES		Sampler Name		Jordan Dick				
Sample Analyzed:		CT-H-4-S4 1 of 3		Print						
Date Analyzed:		10/13/22		Sampler Signature		[Signature]				
Time Analyzed:		11:30 AM								
Original Dry Mass [g]		NA								
Original Slurry Mass [lb]		17.0 lbs								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.43	9.50	0.07	4:34	11:01	✓	✓	CTS-H-4-S4 #25	
50	297	9.67	9.79	0.12	6:21	11:02	✓	✓	CTS-H-4-S4 #50	
100	149	9.19	9.51	0.32	6:37	11:03	✓	✓	CTS-H-4-S4 #100	
140	105	9.29	9.40	0.11	8:12	11:05	✓	✓	CTS-H-4-S4 #140	
200	74	9.32	9.60	0.34	6:47	11:06	✓	✓	CTS-H-4-S4 #200	
270	53	9.42	9.91	0.49	8:15	11:09	✓	✓	CTS-H-4-S4 #270	
-270	-53	2.12	317.19	315.07		11:30	✓	✓	CTS-H-4-S4 #270	
Totals:										

(10/14 MO
10/20 MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		KNE3		Sampler Name		Jordan Dick				
Sample Analyzed:		CTS-H-4-SY 2083		Print						
Date Analyzed:		10/13/22		Sampler Signature		JH Dick				
Time Analyzed:		11:15 PM								
Original Dry Mass [g]		NA								
Original Slurry Mass [lb]		17.0 lbs								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XFF		
25	707	9.08	15.04	5.96	5:37	10:49	✓	✓	CTS-H-4-SY + #25	
50	297	9.08	41.14	32.06	6:52	10:52	✓	✓	CTS-H-4-SY + #50	
100	149	9.50	95.85	86.35	6:22	10:53	✓	✓	CTS-H-4-SY + #100	
140	105	9.02	83.69	74.67	7:38	10:55	✓	✓	CTS-H-4-SY + #140	
200	74	9:35	148.41	139.06	6:37	10:56	✓	✓	CTS-H-4-SY + #200	
270	53	8.85	49.18	40.33	7:49	10:58	✓	✓	CTS-H-4-SY + #270	
-270	-53	2.06	165.87	163.81	NA	8:51	✓	✓	CTS-H-4-SY - #270	
Totals:										

10/14 MO
10/17 MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		RAES		Sampler Name		Jordan Dick					
Sample Analyzed:		CTS-H-4-S4 30F3		Print							
Date Analyzed:		10/13/22		Sampler Signature		[Signature]					
Time Analyzed:		1:45 PM									
Original Dry Mass [g]		NA									
Original Slurry Mass [lb]		17.0 lbs									
Wet RO-TAP Procedure						Checklist			Sample Bag Label		
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF			
25	707	8.31	10.55	2.24	5:29	9:57	✓	✓	CTS-H-4-S4 #25		
50	297	9.02	24.07	15.05	6:48	9:58	✓	✓	CTS-H-4-S4 #50		
100	149	8.59	64.97	56.38	6:26	9:59	✓	✓	CTS-H-4-S4 #100		
140	105	9.64	62.85	54.16	7:57	10:00	✓	✓	CTS-H-4-S4 #140		
200	74	9.04	85.00	75.96	5:48	10:01	✓	✓	CTS-H-4-S4 #200		
270	53	8.46	53.89	45.43	7:09	10:02	✓	✓	CTS-H-4-S4 #270		
-270	-53	2.03	131.26	129.23	NA	8:53	✓	✓	CTS-H-4-S4 #270		
Totals:						10/14 FF					

10/14 MO



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		RAES		Sampler Name		Jordan Dick				
Sample Analyzed:		CTB H-8-S4 1 of 4		Print						
Date Analyzed:		10/13/22		Sampler Signature		[Signature]				
Time Analyzed:		10:00 AM								
Original Dry Mass [g]		NA								
Original Slurry Mass [lb]		186 lbs								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	4.32	9.57	0.25	4:57	✓	10:22	✓	CTS-H-8-S4 + #25	
50	297	8.94	9.10	0.16	6:15	✓	10:23	✓	CTS-H-8-S4 + #50	
100	149	8.55	8.97	0.42	6:21	✓	10:24	✓	CTS-H-8-S4 + #100	
140	105	8.92	9.22	0.30	7:39	✓	10:25	✓	CTS-H-8-S4 + #140	
200	74	8.89	9.20	0.37	5:46	✓	10:26	✓	CTS-H-8-S4 + #200	
270	53	8.31	9.61	0.70	7:15	✓	10:27	✓	CTS-H-8-S4 + #270	
-270	-53	2.12	361.98	359.80		✓	12:25	✓	CTS-H-8-S4 - #270	
Totals:						10/16/22 10/18/22				



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		RAES		Sampler Name		Jordan Dick				
Sample Analyzed:		CTS-H-8-S4 2 of 4		Print						
Date Analyzed:		10/13/22		Sampler Signature		Jm Dick				
Time Analyzed:		10:45 AM								
Original Dry Mass [g]		N/A								
Original Slurry Mass [lb]		12.6 (b)								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.06	10.54	1.53	5:48	10:00 ✓	10:00 ✓	✓	CTS-H-8-S4 + #25	
50	297	8.49	15.84	10.85	7:37	10:01 ✓	10:01 ✓	✓	CTS-H-8-S4 + #50	
100	149	9.56	27.71	20.35	6:52	10:02 ✓	10:02 ✓	✓	CTS-H-8-S4 + #100	
140	105	9.19	38.31	29.12	8:33	10:03 ✓	10:03 ✓	✓	CTS-H-8-S4 + #140	
200	74	8.69	43.31	74.62	5:26	10:04 ✓	10:04 ✓	✓	CTS-H-8-S4 + #200	
270	53	4.45	63.45	84.00	6:51	10:05 ✓	10:05 ✓	✓	CTS-H-8-S4 + #270	
-270	-53	2.06	234.13	232.07	N/A	10:01 ✓	✓	✓	CTS-H-8-S4 + #270	
Totals:						10:18 ✓ 10:19 ✓				



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		RAES		Sampler Name		Jordan Dick				
Sample Analyzed:		CTS-H-8-S4 3 of 4		Print						
Date Analyzed:		10/17/22		Sampler Signature		John Dick				
Time Analyzed:		9:00 AM								
Original Dry Mass [g]		NA								
Original Slurry Mass [lb]		18.6 lbs								
Wet RO-TAP Procedure						Checklist			Sample Bag Label	
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF		
25	707	9.0	12.38	3.38	5:52	✓	9:07	✓	CTS-H-8-S4 + #25	
50	297	9.47	38.58	29.11	7:15	✓	9:08	✓	CTS-H-8-S4 + #50	
100	149	9.09	86.47	77.38	5:41	✓	9:09	✓	CTS-H-8-S4 + #100	
140	105	9.1	72.43	63.33	7:27	✓	9:10	✓	CTS-H-8-S4 + #140	
200	74	9.07	108.71	99.64	5:13	✓	9:11	✓	CTS-H-8-S4 + #200	
270	53	9.02	33.88	24.86	6:47	✓	9:12	✓	CTS-H-8-S4 + #270	
-270	-53	2.11	48.85	46.74	NA	✓	12:28	✓	CTS-H-8-S4 - #270	
Totals:				38.74			10/18 IF 10/19 JF			



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	RAFS	Sampler Name	Jordan Dick						
Sample Analyzed:	CTS-H-8-S4 4 of 4	Print							
Date Analyzed:	10/17/22	Sampler Signature	[Signature]						
Time Analyzed:	9:27 AM								
Original Dry Mass [g]	NA								
Original Slurry Mass [lb]	18.6 lbs								
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	Sample Bag Label
25	707	8.29	12.40	4.11	5:29	✓	10:13	✓	CTS-H-8-S4 T# 25
50	297	8.30	27.75	19.45	6:48	✓	10:14	✓	CTS-H-8-S4 T# 50
100	149	8.40	50.26	41.86	6:32	✓	10:15	✓	CTS-H-8-S4 T# 100
140	105	8.70	51.47	42.77	7:53	✓	10:16	✓	CTS-H-8-S4 T# 140
200	74	9.19	69.90	60.71	9:27	✓	10:17	✓	CTS-H-8-S4 T# 200
270	53	8.86	33.03	24.17	6:39	✓	10:18	✓	CTS-H-8-S4 T# 270
-270	-53	8.42	36.95	25.13	NA	12:22	✓	✓	CTS-H-8-S4 T# 270
Totals:		2.121	37.25				10/19/22	10/18/22	



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		RAES		Sampler Name		Jordan Dick			
Sample Analyzed:		LT6-H-30-54 Lot 4		Print					
Date Analyzed:		10/17/18		Sampler Signature		[Signature]			
Time Analyzed:		9:53 AM							
Original Dry Mass [g]		NA							
Original Slurry Mass [lb]		12.0 lbs							
Size Fraction [US Mesh]	Size Fraction [micron]	Wet RO-TAP Procedure		Net Mass Total [g]	Time on Screen (mm:ss)	Checklist			Sample Bag Label
		Tare Mass Cup/Filter Paper [g]	Dr. Mass Total [g]			Sample Logged	Sample Bagged	Sample XRF	
25	707	9.2	9.146	0.20	4:56	✓	7.44	✓	
50	297	9.06	9.329	0.26	6:12	✓	7.45	✓	
100	149	9.53	9.07	0.33	6:49	✓	7.46	✓	
140	105	9.26	9.83	0.29	8:15	✓	7.47	✓	
200	74	9.63	10.36	0.57	6:37	✓	7.48	✓	
270	53	2.16	3.7491	1.68	7:52	✓	9.49	✓	
-270	-53				N/A	✓	12:12	✓	
Totals:						10/18 JF 10/19 JF			



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		KAGS		Sampler Name		Jordan Dick			
Sample Analyzed:		LTS-4-30-54 20521		Print					
Date Analyzed:		10/17/22		Sampler Signature		J Dick			
Time Analyzed:		10:18 AM							
Original Dry Mass [g]		NA							
Original Slurry Mass [lb]		18.0 lbs							
Size Fraction [US Mesh]	Size Fraction [micron]	Wet RO-TAP Procedure		Net Mass Total [g]	Time on Screen [mm:ss]	Checklist			Sample Bag Label
		Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]			Sample Logged	Sample Bagged	Sample XRF	
25	707	8.79	13.88	1.06	6:09	✓	10:36	✓	
50	297	8.99	4.89	4.89	7:36	✓	10:37	✓	
100	149	9.33	23.43	14.10	5:49	✓	10:38	✓	
140	105	9.03	27.85	18.82	6:54	✓	10:39	✓	
200	74	9.71	53.71	44.20	5:38	✓	10:40	✓	
270	53	9.28	57.60	48.32	7:06	✓	10:41	✓	
-270	-53	2.12	250.39	248.27		✓	10:44	✓	
Totals:						10/18/22 = 10/19/22			



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:		RAES		Sampler Name		Jordan Dick			
Sample Analyzed:		LIS-H-30-54 3 of 4		Print					
Date Analyzed:		10/17/22		Sampler Signature		[Signature]			
Time Analyzed:		10:44 AM							
Original Dry Mass [g]		NA							
Original Slurry Mass [lb]		18.0 lbs							
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XRF	
25	707	8.54	11.41	2.87	6:16	✓	10:10	✓	
50	297	9.18	43.35	34.17	7:43	✓	10:11	✓	
100	149	9.68	79.28	70.60	5:29	✓	10:12	✓	
140	105	9.70	64.56	54.86	7:12	✓	10:13	✓	
200	74	4.75	40.65	35.90	5:26	✓	10:14	✓	
270	53	4.68	36.77	27.09	7:43	✓	10:15	✓	
-270	-53	2.08	43.13	41.05	12: N/A	✓	12:16	✓	
Totals:							10/18/22 10/19/22		



Exhibit C SOP for ROTAP Material Processing - Site Sample Collection COC

Project:	RAES			Sampler Name	Jordan Dzik				
Sample Analyzed:	LTS-H-30-54 4 of 4			Print					
Date Analyzed:	10/17/22			Sampler Signature	[Signature]				
Time Analyzed:	11:30 AM								
Original Dry Mass [g]	NA								
Original Slurry Mass [lb]	18.0 (65)								
Wet RO-TAP Procedure						Checklist			Sample Bag Label
Size Fraction [US Mesh]	Size Fraction [micron]	Tare Mass Cup/Filter Paper [g]	Dry Mass Total [g]	Net Mass Total [g]	Time on Screen [mm:ss]	Sample Logged	Sample Bagged	Sample XR?	
25	707	9.46	10.64	1.18	6:15	✓	10:49	✓	
50	297	8.94	20.98	12.04	7:49	✓	10:50	✓	
100	149	8.85	55.76	47.11	5:36	✓	10:51	✓	
140	105	8.74	58.99	50.25	6:52	✓	10:52	✓	
200	74	8.57	34.69	26.12	5:43	✓	10:53	✓	
270	53	8.63	82.82	74.19	7:11	✓	10:54	✓	
-270	-53	2.12	44.44	42.32	N/A	✓	12:14	✓	
Totals:							10/18 IF 10/19 IF		