



Project: RAES TO33 Ablation TS				Sampler Name Print: Andrew Halverson						
Project Site: Church Rock				Sampler Signature: <i>[Signature]</i>						
Test Date: 8/22-8/25/2022										
Test Time: All day										
Soil Samples				Slurry/Water Samples						
Sample ID:	Sample Mass [g]	Sample Date	Sample Time	Sample ID:	Bucket Tare Mass [lb]	Collected Sample Total Mass [lb]	Collected Sample Net Mass [lb]	Sample Date	Sample Time	
CR-L-0-SL-01	1961.34	8/23	10:03 AM	CR-L-4-SY	1.2	17.6 ✓	16.4	8/24	11 AM	
CR-M-0-SL-01	1384.34	8/23	10:32 AM	CR-L-8-SY	1.2	17.8 18.2	16.6	8/24	11 AM	
CR-H-0-SL-01	1763.06	8/23	10:51 AM	CR-L-30-SY	1.2	18.0 ✓	16.8	8/24	11 AM	
CR-H-0-KY	---	8/24	12 PM	CR-M-4-SY	1.2	18.4 ✓+	17.2	8/24	12:30 PM	
CR-H-0-KY	1713.58	8/24	12 PM	CR-M-8-SY	1.2	20.2 ✓-	19.0	8/24	12:30 PM	
				CR-M-30-SY	1.2	19.2 ✓+	18.0	8/24	12:30 PM	
				CR-M-4-SY	1.2	20.8 ✓+	19.6	8/24	3:10 PM	
				CR-H-8-SY	1.2	20.0 ✓	18.8	8/24	3:40 PM	
				CR-M-30-SY	1.2	21.0 20.0	19.8	8/24	3:10 PM	
(1) SITE ID:			(3) Time ID:			(4) Matrix ID:			Example: QV-M-T-SL-01	
CR = Church Rock CTS = Cove Transfer Station QV = Quivera			0 = Feed 2 = 2 min 4 = 4 min 8 = 8 min T = TEST (reconn) MU = makeup			SY = Slurry SL = Soil WT = Water				
(2) CONC:			(5) Dup differentiator			See Tt SAP Table A-16				
L = low M = medium H = high			01 = original 02 = duplicate							

Notes: CR-H-0-KY used for ~~the~~ sample by Kenyon's request of CR-H-0 coarse feed after pre-cutting. ~~No mass recorded.~~ Half quart bag full. Gross & Tare written on



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Test Date: 8/22-8/25/2022									
Test Time: All Day									
Soil Samples				Slurry/Water Samples					
Sample ID:	Sample Mass [g]	Sample Date	Sample Time	Sample ID:	Bucket Tare Mass [lb]	Collected Sample Total Mass [lb]	Collected Sample ^{Net} Tare Mass [lb]	Sample Date	Sample Time
				CR-L-O-F-01	2.2	41.6 ✓+	39.4	8/25	11 AM
				CR-L-O-F-02	2.2	48.0 ✓-	45.8	8/25	11 AM
				CR-L-O-F-03	2.2	18.6 ✓+	16.4	8/25	11 AM
				CR-L-O-F-WT	1.2	16.0 ✓	14.8	8/25	11 AM
				CR-M-O-F-01	2.2	38.0 3T.6	35.8	8/25	11 AM
				CR-M-O-F-02	2.2	43.8 ✓	41.6	8/25	11 AM
				CR-M-O-F-WT	1.2	16.8 ✓+	15.6	8/25	11 AM
				CR-H-O-F-01	2.2	41.6 ✓+	39.4	8/25	11 AM
				CR-H-O-F-02	2.2	44.6 ✓	42.4	8/25	11 AM
				CR-H-O-F-WT	1.2			8/25	—
(1) SITE ID: CR = Church Rock CTS = Cove Transfer Station QV = Quivera			(3) Time ID: 0 = Feed 2 = 2 min 4 = 4 min 8 = 8 min T = TEST (reconn)		(4) Matrix ID: SY = Slurry SL = Soil WT = Water		Example: QV-M-T-SL-01		
(2) CONC: L = low M = medium H = high			MU = makeup		(5) Dup differentiator 01 = original 02 = duplicate		See Tt SAP Table A-16		

Notes: All water settled on CR-H-O-F. No water settled sampled.



Project: RAES TO33 Ablation TS				Sampler Name Print <i>maddie orrell</i>					
Project Site: <i>CR-Logging at Disa H1A</i>				Sampler Signature <i>Maddie Orrell</i>					
Test Date: <i>1/2/2022</i>									
Test Time:									
Soil Samples				Slurry/Water Samples					
Sample ID:	Sample Mass [g]	Sample Date	Sample Time	Sample ID:	Bucket Tare Mass [lb]	Collected Sample Total Mass [lb]	Collected Sample Tare Mass [lb]	Sample Date	Sample Time
<i>CR-L-0-SL-01</i>	<i>1475.75</i>			<i>CR-L-4-SY</i>	<i>1.2</i>	<i>17.6</i>	<i>16.4</i>		
<i>CR-M-0-SL-01</i>	<i>1407.20</i>			<i>CR-L-8-SY</i>	<i>1.2</i>	<i>18.2</i>	<i>17.0</i>		
<i>CR-H-0-SL-01</i>	<i>1776.93</i>			<i>CR-L-30-SY</i>	<i>1.2</i>	<i>18.0</i>	<i>18.2</i>		
<i>CR-H-0-KY</i>	<i>719.50</i>			<i>CR-M-4-SY</i>	<i>1.2</i>	<i>18.6</i>			
				<i>CR-M-8-SY</i>	<i>1.2</i>	<i>20.0</i>	<i>18.3</i>		
				<i>CR-M-30-SY</i>	<i>1.2</i>	<i>19.4</i>	<i>18.2</i>		
				<i>CR-H-4-SY</i>	<i>1.2</i>	<i>21.0</i>	<i>19.8</i>		
				<i>CR-H-8-SY</i>	<i>1.2</i>	<i>20.0</i>	<i>18.8</i>		
				<i>CR-H-30-SY</i>	<i>1.2</i>	<i>20.0</i>	<i>18.8</i>		
(1) SITE ID: CR = Curch Rock CTS = Cove Transfer Station QV = Quivera			(3) Time ID: 0 = Feed 2 = 2 min 4 = 4 min 8 = 8 min T = TEST (reconn)		(4) Matrix ID: SY = Slurry SL = Soil WT = Water		Example: QV-M-T-SL-01		
(2) CONC: L = low M = medium H = high			MU = makeup		(5) Dup differentiator 01 = original 02 = duplicate		See Tt SAP Table A-16		

includes bag mass



Project: RAES TO33 Ablation TS				Sampler Name Print Maddie Orreil									
Project Site: CR- Logging at DISA HQ				Sampler Signature Maddie Orreil									
Test Date: 9/2/2022				Sampler Signature Maddie Orreil									
Test Time:				Sampler Signature Maddie Orreil									
Soil Samples				Slurry/Water Samples									
Sample ID:	Sample Mass [g]	Sample Date	Sample Time	Sample ID:	Bucket Tare Mass [lb]	Collected Sample Total Mass [lb]	Collected Sample Tare Mass [lb]	Sample Date	Sample Time				
				CR-L-O-F-01	2.2	41.8	39.6						
				CR-L-O-F-02	2.2	39.8	37.6						
				CR-L-O-F-03	2.2	18.8	16.6						
				CR-L-O-F-WT	1.2	16.0	14.8						
				CR-M-O-F-01	2.2	37.6	35.4						
				CR-M-O-F-02	2.2	43.8	41.6						
				CR-M-O-F-WT	1.2	17.0	15.8						
				CR-H-O-F-01	2.2	41.8	39.6						
				CR-H-O-F-02	2.2	44.6	42.4						
(1) SITE ID:		CR = Curch Rock CTS = Cove Transfer Station QV = Quivera		(3) Time ID:		0 = Feed 2 = 2 min 4 = 4 min 8 = 8 min T = TEST (reconn)		(4) Matrix ID:		SY = Slurry SL = Soil WT = Water		Example: QV-M-T-SL-01	
(2) CONC:		L = low M = medium H = high		MU = makeup		(5) Dup differentiator		01 = original 02 = duplicate		See Tt SAP Table A-16			



Project: RAES TO33 Ablation TS				Sampler Name Print: Andrew Halverson					
Project Site: Quivera				Sampler Signature: <i>[Signature]</i>					
Test Date: 8/25 - 8/28/2022									
Test Time: All day									
Soil Samples				Slurry/Water Samples				Net	
Sample ID:	Sample Mass [g]	Sample Date	Sample Time	Sample ID:	Bucket Tare Mass [lb]	Collected Sample Total Mass [lb]	Collected Sample Tare Mass [lb]	Sample Date	Sample Time
QV-L-0-SL-01	1414.34	8/26	10 AM	QV-L-4-SY	1.2	18.2	✓	8/28	10:50 AM
QV-M-0-SL-01	1545.11	8/27	9:25 AM	QV-L-8-SY	1.2	20.8	✓ +	8/28	10:50 AM
QV-H-0-SL-01	1602.93	8/27	12 PM	QV-L-30-SY	1.2	20.0	✓ -	8/28	10:50 AM
				QV-M-4-SY	1.0	20.8	✓ +	8/28	11:50 AM
				QV-M-8-SY	1.2	20.8	✓ +	8/28	11:50 AM
				QV-M-30-SY	1.2	20.8	✓ +	8/28	11:50 AM
				QV-H-4-SY	1.2	22.2	✓ +	8/28	2 PM
				QV-H-8-SY	1.2	21.6	✓ -	8/28	2 PM
				QV-H-30-SY	1.0	20.8	✓	8/28	2 PM
(1) SITE ID: CR = Curch Rock CTS = Cove Transfer Station QV = Quivera				(3) Time ID: 0 = Feed 2 = 2 min 4 = 4 min 8 = 8 min T = TEST (reconn)		(4) Matrix ID: SY = Slurry SL = Soil WT = Water		Example: QV-M-T-SL-01	
(2) CONC: L = low M = medium H = high				MU = makeup		(5) Dup differentiator 01 = original 02 = duplicate		See Tt SAP Table A-16	

Notes: Gross & Tare Mass written on soil sample bags. Stored on ice in cooler.



Project: RAES T033 Ablation TS				Sampler Name Print Maddie Orrell					
Project Site: QV Logging at Disa HA				Sampler Signature Maddie Orrell					
Test Date: 9/2/2022				Test Time:					
Soil Samples				Slurry/Water Samples					
Sample ID:	Sample Mass [g]	Sample Date	Sample Time	Sample ID:	Bucket Tare Mass [lb]	Collected Sample Total Mass [lb]	Collected Sample Tare Mass [lb]	Sample Date	Sample Time
QV-L-0-SL-01	1426.74			QV-L-4-SY	1.2	18.2	17.0		
QV-M-0-SL-02	1556.62			QV-L-8-SY	1.2	21.0	19.8		
QV-H-0-SL-01	1614.47			QV-L-30-SY	1.2	19.8	18.6		
				QV-M-4-SY	1.0	21.0	20.0		
				QV-M-8-SY	1.2	21.0	19.8		
				QV-M-30-SY	1.2	21.0	19.8		
				QV-H-4-SY	1.2	22.4	21.2		
				QV-H-8-SY	1.2	21.4	20.2		
				QV-H-30-SY	1.0	20.8	19.8		
(1) SITE ID:			(3) Time ID:		(4) Matrix ID:		Example: QV-M-T-SL-01		
CR = Curch Rock CTS = Cove Transfer Station QV = Quivera			0 = Feed 2 = 2 min 4 = 4 min 8 = 8 min T = TEST (reconn)		SY = Slurry SL = Soil WT = Water				
(2) CONC:			MU = makeup		(5) Dup differentiator		See Tt SAP Table A-16		
L = low M = medium H = high					01 = original 02 = duplicate				

includes bag mass



Project: RAES TO33 Ablation TS				Sampler Name Print Maddie Orrett					
Project Site: QV-Logging at DISA HA				Sampler Signature Madeline Orrett					
Test Date: 9/12/2022									
Test Time:									
Soil Samples				Slurry/Water Samples					
Sample ID:	Sample Mass [g]	Sample Date	Sample Time	Sample ID:	Bucket Tare Mass [lb]	Collected Sample Total Mass [lb]	Collected Sample Tare Mass [lb]	Sample Date	Sample Time
				QV-L-0-F-01	2.2	47.0	44.8		
				QV-L-0-F-WT	1.2	15.6	14.4		
				QV-M-0-F-01	2.2	49.4	47.2		
				QV-M-0-F-02	2.2	18.0	15.8		
				QV-M-0-F-WT	1.2	18.6	17.4		
				QV-H-0-F-01	2.2	47.0	44.8		
				QV-H-0-F-02	2.2	21.0	18.8		
				QV-H-0-F-WT	1.2	17.2	16.0		
(1) SITE ID:			(3) Time ID:			(4) Matrix ID:			Example: QV-M-T-SL-01
CR = Curch Rock CTS = Cove Transfer Station QV = Quivera			0 = Feed 2 = 2 min 4 = 4 min 8 = 8 min T = TEST (reconn)			SY = Slurry SL = Soil WT = Water			
(2) CONC:			MU = makeup			(5) Dup differentiator			See Tt SAP Table A-16
L = low M = medium H = high						01 = original 02 = duplicate			



Project: RAES T033 Ablation TS				Sampler Name Print: Andrew Halverson						
Project Site: COVE Transfer Station				Sampler Signature: <i>Andrew Halverson</i>						
Test Date: 8/29 - 8/31/2022										
Test Time: All day										
Soil Samples				Slurry/Water Samples						
Sample ID:	Sample Mass [g]	Sample Date	Sample Time	Sample ID:	Bucket Tare Mass [lb]	Collected Sample Total Mass [lb]	Collected Sample ^{Net} Tare Mass [lb]	Sample Date	Sample Time	
CTS-L-0-SL-02	1272.61	8/30	10 AM	CTS-L-4-SY	1.2	19.4 ✓	18.2	8/30	2:10 PM	
CTS-L-0+4.inch	1369.23	8/30	10 AM	CTS-L-8-SY	1.2	19.2 ✓	18.0	8/30	2:10 PM	
CTS-M-0-SL-01	1401.79	8/30	10 AM	CTS-L-30-SY	1.2	19.8 ✓	18.6	8/30	2:10 PM	
CTS-M-0+4.inch	1518.72	8/30	10 AM	CTS-M-4-SY	1.2	19.8 ✓	18.6	8/30	3:10 PM	
CTS-H-0-SL-02	1576.09	8/30	10 AM	CTS-M-8-SY	1.2	19.8 ✓	18.6	8/30	3:10 PM	
CTS-H-0+4.inch	1383.60	8/30	10 AM	CTS-M-30-SY	1.2	19.8 ✓	18.6	8/30	3:10 PM	
				CTS-H-4-SY	1.2	18.2 ✓	17.0	8/30	4:10 PM	
				CTS-H-8-SY	1.2	19.8 ✓	18.6	8/30	4:10 PM	
				CTS-H-30-SY	1.2	19.2 ✓	18.0	8/30	4:10 PM	
(1) SITE ID:	CR = Curch Rock CTS = Cove Transfer Station QV = Quivera		(3) Time ID:	0 = Feed 2 = 2 min 4 = 4 min 8 = 8 min T = TEST (reconn)		(4) Matrix ID:	SY = Slurry SL = Soil WT = Water		Example: QV-M-T-SL-01	
(2) CONC:	L = low M = medium H = high			MU = makeup		(5) Dup differentiator	01 = original 02 = duplicate		See Tt SAP Table A-16	

Notes: Soil samples double bagged. Put in cooler on ice



Project: RAES T033 Ablation TS
 Project Site: CTS-Logging at Oisa HQ
 Test Date: 9/2/2022
 Test Time:
 Sampler Name Print: Maddie Orrell
 Sampler Signature: Maddie Orrell

includes
 bag
 mass

Soil Samples				Slurry/Water Samples					
Sample ID:	Sample Mass [g]	Sample Date	Sample Time	Sample ID:	Bucket Tare Mass [lb]	Collected Sample Total Mass [lb]	Collected Sample Tare Mass [lb]	Sample Date	Sample Time
CTS-L-0-SL-02	1283.64			CTS-L-4-SY	1.2	19.4	18.2		
CTS-L-0+Y-ink	1380.33			CTS-L-8-SY	1.2	19.2	18.0		
CTS-M-0-SL-02	1412.94			CTS-L-30-SY	1.2	20.0	18.8		
CTS-M-0+Y-ink	1529.97			CTS-M-4-SY	1.2	19.8	18.6		
CTS-H-0-SL-02	1587.48			CTS-M-8-SY	1.2	19.8	18.6		
CTS-H-0+Y-ink	1394.80			CTS-M-30-SY	1.2	19.8	18.6		
				CTS-H-4-SY	1.2	18.2	17.0		
				CTS-H-8-SY	1.2	19.8	18.6		
				CTS-H-30-SY	1.2	19.2	18.0		

(1) SITE ID: CR = Curch Rock CTS = Cove Transfer Station QV = Quivera	(3) Time ID: 0 = Feed 2 = 2 min 4 = 4 min 8 = 8 min T = TEST (reconn)	(4) Matrix ID: SY = Slurry SL = Soil WT = Water	Example: QV-M-T-SL-01
(2) CONC: L = low M = medium H = high	MU = makeup	(5) Dup differentiator 01 = original 02 = duplicate	See Tt SAP Table A-16