

SOP ID : M1311-TCLP-16
SDG No : N/A
Weigh By : JP
Balance ID : WC SC-7
pH Meter ID : WC PH METER-1
Extraction By : JP
Filter By : JP
Pipette ID : WC
Tumbler ID : T-1
TCLP Filter ID : 115525

Start Prep Date : 06/13/2025 Time : 16:00
End Prep Date : 06/14/2025 Time : 10:20
Combination Ratio : 20
ZHE Cleaning Batch : ⁷⁸N/A
Initial Room Temperature: 23 °C
Final Room Temperature: 22 °C
TCLP Technician Signature : ⁷⁸
Supervisor By : ¹²

Standard Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112795
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 checked,30 rpm. q2325-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/17/25 10:00	³⁰ ¹⁰⁰ RUM	SPG. RS 154T
	Preparation Group	Analysis Group ¹⁰²¹ D.Y.

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168497TB	LEB497	07	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q2311-04	TP03-MH2MH3-WC	01	100.02	2000	N/A	N/A	N/A	8.2	1.5	T-1
Q2311-08	TP04-MH2MH3-WC	02	100.03	2000	N/A	N/A	N/A	7.2	1.0	T-1
Q2312-04	TP-1	03	100.01	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2319-04	MH-B	04	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q2320-01	WC	05	100.03	2000	N/A	N/A	N/A	5.0	1.5	T-1
Q2325-04	TP-8	06	100.04	2000	N/A	N/A	N/A	3.5	1.0	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168497TB	LEB497	N/A	N/A	N/A	N/A	N/A	N/A
Q2311-04	TP03-MH2MH3-WC	N/A	N/A	N/A	N/A	100	N/A
Q2311-08	TP04-MH2MH3-WC	N/A	N/A	N/A	N/A	100	N/A
Q2312-04	TP-1	N/A	N/A	N/A	N/A	100	N/A
Q2319-04	MH-B	N/A	N/A	N/A	N/A	100	N/A
Q2320-01	WC	N/A	N/A	N/A	N/A	100	N/A
Q2325-04	TP-8	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB168497TB	LEB497	N/A	N/A	N/A	N/A	#1	4.93
Q2311-04	TP03-MH2MH3-WC	5.02	96.5	9.1	4.0	#1	4.93
Q2311-08	TP04-MH2MH3-WC	5.03	96.5	10.0	4.0	#1	4.93
Q2312-04	TP-1	5.02	96.5	8.0	3.5	#1	4.93
Q2319-04	MH-B	5.01	96.5	5.8	1.5	#1	4.93
Q2320-01	WC	5.02	96.5	8.0	3.0	#1	4.93
Q2325-04	TP-8	5.03	96.5	6.6	1.5	#1	4.93