

SOP ID : M1311-TCLP-15

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 / T-2

TCLP Filter ID : 115525

Start Prep Date : 04/02/2025 Time : 16:30

End Prep Date : 04/03/2025 Time : 10:40

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature :

Supervisor By :

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	WP110802
HCL-TCLP,1N	N/A	WP110803
HNO3-TCLP,1N	N/A	WP110804
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1941,W1942	W3166,W1938,W1939,W1940,
1 Liter Amber	N/A	90424-08
120ml Plastic bottle	N/A	405130101
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. Particle size reduction is not required. TUMBLER T-1 / T-2 checked,30 rpm. q1698--08 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/03/25 11:35	JP / TCLP Room	S/29. RJ / EAF
	Preparation Group	Analysis Group

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
PB167408TB	LEB408	14	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q1657-04	72-11998	01	100.02	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q1680-04	TP-4	02	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q1681-04	TP-12	03	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q1693-04	WCS-TP-3	04	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q1693-08	WCS-TP-2	05	100.03	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q1693-12	WCS-TP-1	06	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q1694-04	TP-18	07	100.03	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q1695-04	TT-2	08	100.02	2000	N/A	N/A	N/A	8.0	1.5	T-1
Q1695-08	TT-3	09	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q1698-02	B-9	10	100.02	2000	N/A	N/A	N/A	9.5	1.0	T-1
Q1698-08	B-10	11	100.03	2000	N/A	N/A	N/A	9.5	1.5	T-2
Q1705-04	ETGI-327	12	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-2
Q1705-05	ETGI-275	13	100.03	2000	N/A	N/A	N/A	11.0	1.5	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB167408TB	LEB408	N/A	N/A	N/A	N/A	N/A	N/A
Q1657-04	72-11998	N/A	N/A	N/A	N/A	100	N/A
Q1680-04	TP-4	N/A	N/A	N/A	N/A	100	N/A
Q1681-04	TP-12	N/A	N/A	N/A	N/A	100	N/A
Q1693-04	WCS-TP-3	N/A	N/A	N/A	N/A	100	N/A
Q1693-08	WCS-TP-2	N/A	N/A	N/A	N/A	100	N/A
Q1693-12	WCS-TP-1	N/A	N/A	N/A	N/A	100	N/A
Q1694-04	TP-18	N/A	N/A	N/A	N/A	100	N/A
Q1695-04	TT-2	N/A	N/A	N/A	N/A	100	N/A
Q1695-08	TT-3	N/A	N/A	N/A	N/A	100	N/A
Q1698-02	B-9	N/A	N/A	N/A	N/A	100	N/A
Q1698-08	B-10	N/A	N/A	N/A	N/A	100	N/A
Q1705-04	ETGI-327	N/A	N/A	N/A	N/A	100	N/A
Q1705-05	ETGI-275	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
PB167408TB	LEB408	N/A	N/A	N/A	N/A	#1	4.94
Q1657-04	72-11998	5.02	96.5	8.6	3.0	#1	4.94
Q1680-04	TP-4	5.02	96.5	6.6	2.5	#1	4.94
Q1681-04	TP-12	5.01	96.5	8.6	3.5	#1	4.94
Q1693-04	WCS-TP-3	5.02	96.5	7.6	2.5	#1	4.94
Q1693-08	WCS-TP-2	5.03	96.5	7.2	2.5	#1	4.94
Q1693-12	WCS-TP-1	5.04	96.5	8.0	3.0	#1	4.94
Q1694-04	TP-18	5.02	96.5	7.6	2.5	#1	4.94
Q1695-04	TT-2	5.03	96.5	9.7	4.0	#1	4.94
Q1695-08	TT-3	5.02	96.5	8.6	3.5	#1	4.94
Q1698-02	B-9	5.01	96.5	10.5	4.0	#1	4.94
Q1698-08	B-10	5.02	96.5	10.5	4.0	#1	4.94
Q1705-04	ETGI-327	5.02	96.5	12.0	4.5	#1	4.94
Q1705-05	ETGI-275	5.03	96.5	11.5	4.5	#1	4.94