

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 / T-2
TCLP Filter ID : 40718710

Start Prep Date : 10/23/2025 Time : 15:30
End Prep Date : 10/24/2025 Time : 08:35
Combination Ratio : 20
ZHE Cleaning Batch : N/A 70
Initial Room Temperature: 24 °C
Final Room Temperature: 22 °C
TCLP Technician Signature : 80
Supervisor By : 12

Standardized 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	WP114525
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
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	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 /T-2 checked,30 rpm. q3452-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/27/25 10:00	80 / ep room	S/S. 25 1E+1-
	Preparation Group	Analysis Group

metting

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
PB170239TB	LEB239	20	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3439-04	TP-9	01	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q3439-08	TP-10	02	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3440-04	JB-2	03	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3446-01	SB-14	04	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q3446-02	SB-15	05	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3446-03	SB-16	06	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q3446-04	SB-17	07	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3446-05	SB-18	08	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q3446-06	SB-19	09	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3446-07	SB-20	10	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q3446-08	SB-21	11	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-2
Q3447-02	P001-TW1-251023-01	12	100.01	2000	N/A	N/A	N/A	5.8	1.5	T-2
Q3447-04	P001-TW2-251023-01	13	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q3447-06	P001-TW3-251023-01	14	100.03	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q3447-08	P001-TW4-251023-01	15	100.04	2000	N/A	N/A	N/A	4.0	1.0	T-2
Q3449-06	CF-620-COMP-41	16	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-2
Q3451-04	TP-11	17	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q3451-08	TP-12	18	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-2
Q3452-04	JB-1	19	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB170239TB	LEB239	N/A	N/A	N/A	N/A	N/A	N/A
Q3439-04	TP-9	N/A	N/A	N/A	N/A	100	N/A
Q3439-08	TP-10	N/A	N/A	N/A	N/A	100	N/A
Q3440-04	JB-2	N/A	N/A	N/A	N/A	100	N/A
Q3446-01	SB-14	N/A	N/A	N/A	N/A	100	N/A
Q3446-02	SB-15	N/A	N/A	N/A	N/A	100	N/A
Q3446-03	SB-16	N/A	N/A	N/A	N/A	100	N/A
Q3446-04	SB-17	N/A	N/A	N/A	N/A	100	N/A
Q3446-05	SB-18	N/A	N/A	N/A	N/A	100	N/A
Q3446-06	SB-19	N/A	N/A	N/A	N/A	100	N/A
Q3446-07	SB-20	N/A	N/A	N/A	N/A	100	N/A
Q3446-08	SB-21	N/A	N/A	N/A	N/A	100	N/A
Q3447-02	P001-TW1-251023-01	N/A	N/A	N/A	N/A	100	N/A
Q3447-04	P001-TW2-251023-01	N/A	N/A	N/A	N/A	100	N/A
Q3447-06	P001-TW3-251023-01	N/A	N/A	N/A	N/A	100	N/A
Q3447-08	P001-TW4-251023-01	N/A	N/A	N/A	N/A	100	N/A
Q3449-06	CF-620-COMP-41	N/A	N/A	N/A	N/A	100	N/A
Q3451-04	TP-11	N/A	N/A	N/A	N/A	100	N/A
Q3451-08	TP-12	N/A	N/A	N/A	N/A	100	N/A
Q3452-04	JB-1	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
PB170239TB	LEB239	N/A	N/A	N/A	N/A	#1	4.94
Q3439-04	TP-9	5.01	96.5	7.6	2.5	#1	4.94
Q3439-08	TP-10	5.02	96.5	7.0	2.5	#1	4.94
Q3440-04	JB-2	5.03	96.5	7.6	2.5	#1	4.94
Q3446-01	SB-14	5.02	96.5	5.5	1.5	#1	4.94
Q3446-02	SB-15	5.03	96.5	5.6	1.5	#1	4.94
Q3446-03	SB-16	5.02	96.5	5.6	2.0	#1	4.94
Q3446-04	SB-17	5.03	96.5	5.5	1.5	#1	4.94
Q3446-05	SB-18	5.02	96.5	5.6	1.5	#1	4.94
Q3446-06	SB-19	5.01	96.5	5.5	2.0	#1	4.94
Q3446-07	SB-20	5.02	96.5	5.6	1.5	#1	4.94
Q3446-08	SB-21	5.03	96.5	5.5	2.0	#1	4.94
Q3447-02	P001-TW1-251023-01	5.04	96.5	7.6	2.5	#1	4.94
Q3447-04	P001-TW2-251023-01	5.03	96.5	7.4	2.5	#1	4.94
Q3447-06	P001-TW3-251023-01	5.02	96.5	6.0	2.0	#1	4.94
Q3447-08	P001-TW4-251023-01	5.01	96.5	5.5	1.5	#1	4.94
Q3449-06	CF-620-COMP-41	5.02	96.5	6.2	2.0	#1	4.94
Q3451-04	TP-11	5.02	96.5	5.8	1.5	#1	4.94
Q3451-08	TP-12	5.01	96.5	7.6	2.5	#1	4.94
Q3452-04	JB-1	5.02	96.5	8.0	3.0	#1	4.94