

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 : 05/01/2025 **Time :** 16:40

End Prep Date : 05/02/2025 **Time :** 10:30

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : *JP*

Supervisor By : *RM*

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	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 /T-2 checked,30 rpm. Particle size reduction is not required. q1935-08 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
05/02/25 12:00	<i>JP</i> / PCYD AOCM	<i>SIB</i> RS / EXT
	Preparation Group	Analysis Group

104714

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
PB167815TB	LEB815	19	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q1865-08	SOM-25-00051	01	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q1916-04	WC-12	02	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q1917-04	MH-JJ	03	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q1922-04	MH-R	04	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q1922-08	MH-S	05	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q1925-01	AUD-25-0068	06	100.02	2000	N/A	N/A	N/A	7.2	1.0	T-1
Q1925-02	AUD-25-0069	07	100.01	2000	N/A	N/A	N/A	7.0	1.5	T-1
Q1925-03	AUD-25-0070	08	100.02	2000	N/A	N/A	N/A	7.2	1.0	T-1
Q1928-04	MH-Q	09	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q1929-03	WC-AA-02-C	10	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q1929-07	WC-AA-03-C	11	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-2
Q1929-11	WC-AA-04-C	12	100.02	2000	N/A	N/A	N/A	12.0	1.0	T-2
Q1932-02	COMP-4	13	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-2
Q1932-04	COMP-5	14	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q1932-06	COMP-6	15	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-2
Q1932-08	COMP-7	16	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q1935-04	MH-NN	17	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q1935-08	MH-MM	18	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB167815TB	LEB815	N/A	N/A	N/A	N/A	N/A	N/A
Q1865-08	SOM-25-00051	N/A	N/A	N/A	N/A	100	N/A
Q1916-04	WC-12	N/A	N/A	N/A	N/A	100	N/A
Q1917-04	MH-JJ	N/A	N/A	N/A	N/A	100	N/A
Q1922-04	MH-R	N/A	N/A	N/A	N/A	100	N/A
Q1922-08	MH-S	N/A	N/A	N/A	N/A	100	N/A
Q1925-01	AUD-25-0068	N/A	N/A	N/A	N/A	100	N/A
Q1925-02	AUD-25-0069	N/A	N/A	N/A	N/A	100	N/A
Q1925-03	AUD-25-0070	N/A	N/A	N/A	N/A	100	N/A
Q1928-04	MH-Q	N/A	N/A	N/A	N/A	100	N/A
Q1929-03	WC-AA-02-C	N/A	N/A	N/A	N/A	100	N/A
Q1929-07	WC-AA-03-C	N/A	N/A	N/A	N/A	100	N/A
Q1929-11	WC-AA-04-C	N/A	N/A	N/A	N/A	100	N/A
Q1932-02	COMP-4	N/A	N/A	N/A	N/A	100	N/A
Q1932-04	COMP-5	N/A	N/A	N/A	N/A	100	N/A
Q1932-06	COMP-6	N/A	N/A	N/A	N/A	100	N/A
Q1932-08	COMP-7	N/A	N/A	N/A	N/A	100	N/A
Q1935-04	MH-NN	N/A	N/A	N/A	N/A	100	N/A
Q1935-08	MH-MM	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
PB167815TB	LEB815	N/A	N/A	N/A	N/A	#1	4.94
Q1865-08	SOM-25-00051	5.02	96.5	7.6	2.5	#1	4.94
Q1916-04	WC-12	5.01	96.5	7.6	2.5	#1	4.94
Q1917-04	MH-JJ	5.03	96.5	6.0	2.0	#1	4.94
Q1922-04	MH-R	5.04	96.5	6.0	2.0	#1	4.94
Q1922-08	MH-S	5.03	96.5	5.8	1.5	#1	4.94
Q1925-01	AUD-25-0068	5.02	96.5	9.5	4.0	#1	4.94
Q1925-02	AUD-25-0069	5.01	96.5	9.0	4.0	#1	4.94
Q1925-03	AUD-25-0070	5.02	96.5	9.3	4.0	#1	4.94
Q1928-04	MH-Q	5.02	96.5	6.6	2.5	#1	4.94
Q1929-03	WC-AA-02-C	5.02	96.5	12.5	4.5	#1	4.94
Q1929-07	WC-AA-03-C	5.01	96.5	12.0	4.5	#1	4.94
Q1929-11	WC-AA-04-C	5.03	96.5	12.5	4.5	#1	4.94
Q1932-02	COMP-4	5.03	96.5	8.6	3.5	#1	4.94
Q1932-04	COMP-5	5.04	96.5	8.6	3.5	#1	4.94
Q1932-06	COMP-6	5.03	96.5	8.6	3.5	#1	4.94
Q1932-08	COMP-7	5.02	96.5	9.0	4.0	#1	4.94
Q1935-04	MH-NN	5.01	96.5	6.4	3.0	#1	4.94
Q1935-08	MH-MM	5.02	96.5	5.8	2.0	#1	4.94