

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 : N/A

Tumbler ID : T-1 / T-2

TCLP Filter ID : 115525

Start Prep Date : 05/20/2025 **Time :** 17:00

End Prep Date : 05/21/2025 **Time :** 09:35

Combination Ratio : 20

ZHE Cleaning Batch : ⁷⁸ ~~N/A~~

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : *JP*

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 /T-2 checked,30 rpm. q2095-08 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
05/21/25 12:40	<i>JP</i> <i>1st Room</i>	<i>SPS.</i> <i>RS. 1st</i>
	Preparation Group	Analysis Group <i>1st</i>

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
PB168092TB	LEB092	20	N/A	2000	N/A	N/A	N/A	4.93	1.5	T-2
Q2014-08	MOO-25-0145	01	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q2078-03	WC-A4-04-C	02	100.03	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2078-07	WC-A4-05-C	03	100.02	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2078-11	WC-A1-06A-C	04	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2078-15	WC-A1-07A-C	05	100.02	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2078-19	WC-A4-06-C	06	100.03	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2079-03	WC-A2-01-C	07	100.04	2000	N/A	N/A	N/A	11.0	1.5	T-1
Q2079-07	WC-A2-02-C	08	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2079-11	WC-A2-03-C	09	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2084-05	OR-640-COMP-66	10	100.01	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q2092-02	VNJ-202	11	100.02	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q2093-02	SOIL-DRUMS	12	100.03	2000	N/A	N/A	N/A	5.5	1.0	T-2
Q2094-06	COMP-1	13	100.02	2000	N/A	N/A	N/A	10.5	1.5	T-2
Q2094-07	COMP-2	14	100.03	2000	N/A	N/A	N/A	11.0	1.0	T-2
Q2094-08	COMP-3	15	100.02	2000	N/A	N/A	N/A	10.5	1.5	T-2
Q2094-09	COMP-4	16	100.03	2000	N/A	N/A	N/A	10.5	1.0	T-2
Q2094-10	COMP-5	17	100.04	2000	N/A	N/A	N/A	10.0	1.5	T-2
Q2095-04	WCS-TP1	18	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-2
Q2095-08	WCS-TP2	19	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168092TB	LEB092	N/A	N/A	N/A	N/A	N/A	N/A
Q2014-08	MOO-25-0145	N/A	N/A	N/A	N/A	100	N/A
Q2078-03	WC-A4-04-C	N/A	N/A	N/A	N/A	100	N/A
Q2078-07	WC-A4-05-C	N/A	N/A	N/A	N/A	100	N/A
Q2078-11	WC-A1-06A-C	N/A	N/A	N/A	N/A	100	N/A
Q2078-15	WC-A1-07A-C	N/A	N/A	N/A	N/A	100	N/A
Q2078-19	WC-A4-06-C	N/A	N/A	N/A	N/A	100	N/A
Q2079-03	WC-A2-01-C	N/A	N/A	N/A	N/A	100	N/A
Q2079-07	WC-A2-02-C	N/A	N/A	N/A	N/A	100	N/A
Q2079-11	WC-A2-03-C	N/A	N/A	N/A	N/A	100	N/A
Q2084-05	OR-640-COMP-66	N/A	N/A	N/A	N/A	100	N/A
Q2092-02	VNJ-202	N/A	N/A	N/A	N/A	100	N/A
Q2093-02	SOIL-DRUMS	N/A	N/A	N/A	N/A	100	N/A
Q2094-06	COMP-1	N/A	N/A	N/A	N/A	100	N/A
Q2094-07	COMP-2	N/A	N/A	N/A	N/A	100	N/A
Q2094-08	COMP-3	N/A	N/A	N/A	N/A	100	N/A
Q2094-09	COMP-4	N/A	N/A	N/A	N/A	100	N/A
Q2094-10	COMP-5	N/A	N/A	N/A	N/A	100	N/A
Q2095-04	WCS-TP1	N/A	N/A	N/A	N/A	100	N/A
Q2095-08	WCS-TP2	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
PB168092TB	LEB092	N/A	N/A	N/A	N/A	#1	4.93
Q2014-08	MOO-25-0145	5.02	96.5	7.0	3.0	#1	4.93
Q2078-03	WC-A4-04-C	5.03	96.5	12.0	4.5	#1	4.93
Q2078-07	WC-A4-05-C	5.02	96.5	12.0	4.5	#1	4.93
Q2078-11	WC-A1-06A-C	5.03	96.5	12.5	4.5	#1	4.93
Q2078-15	WC-A1-07A-C	5.04	96.5	12.5	4.0	#1	4.93
Q2078-19	WC-A4-06-C	5.02	96.5	12.0	4.5	#1	4.93
Q2079-03	WC-A2-01-C	5.03	96.5	12.5	4.5	#1	4.93
Q2079-07	WC-A2-02-C	5.02	96.5	12.0	4.5	#1	4.93
Q2079-11	WC-A2-03-C	5.03	96.5	12.5	4.5	#1	4.93
Q2084-05	OR-640-COMP-66	5.04	96.5	12.0	4.5	#1	4.93
Q2092-02	VNJ-202	5.02	96.5	6.0	2.5	#1	4.93
Q2093-02	SOIL-DRUMS	5.03	96.5	8.4	3.5	#1	4.93
Q2094-06	COMP-1	5.02	96.5	11.0	4.0	#1	4.93
Q2094-07	COMP-2	5.01	96.5	11.5	4.5	#1	4.93
Q2094-08	COMP-3	5.02	96.5	11.0	4.0	#1	4.93
Q2094-09	COMP-4	5.03	96.5	11.0	4.0	#1	4.93
Q2094-10	COMP-5	5.04	96.5	11.5	4.5	#1	4.93
Q2095-04	WCS-TP1	5.02	96.5	7.2	3.0	#1	4.93
Q2095-08	WCS-TP2	5.03	96.5	7.0	3.0	#1	4.93