

SOP ID : M1311-TCLP-14

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-4

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 : 114771

Start Prep Date : 09/19/2024 **Time :** 17:00

End Prep Date : 09/20/2024 **Time :** 10:15

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : *JP*

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	WP108622
HCL-TCLP,1N	N/A	WP108584
HNO3-TCLP,1N	N/A	WP108585
pH Strips	N/A	W1931,W1934,W2350,W2755
pH Strips	N/A	W1937,W1938,W1939,W1940,W1941,W1942
1 Liter Amber	N/A	23091
120ml Plastic bottle	N/A	21029
1:1 HNO3	MP81119	N/A

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 /T-2 checked,30 rpm. p4123-01 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/20/24 11:00	<i>JP</i> ICC2R Room	<i>JP</i> 15x1
	Preparation Group TCLP	Analysis Group 1 net p. 14

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
P4099-01	GAS-TRANSMISSION-DEBRIS	01	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-1
P4103-02	WC-22A	02	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-1
P4103-05	WC-14-5-7.5A	03	100.02	2000	N/A	N/A	N/A	8.2	1.5	T-1
P4103-08	WC-14-5-7.5B	04	100.03	2000	N/A	N/A	N/A	7.6	1.0	T-1
P4103-11	WC-14-7.5-10A	05	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
P4103-14	WC-14-7.5-10B	06	100.04	2000	N/A	N/A	N/A	5.6	1.0	T-1
P4103-17	WC-23	07	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
P4120-02	T1	08	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
P4120-04	T2	09	100.01	2000	N/A	N/A	N/A	11.0	1.0	T-1
P4120-06	SF-6-A	10	100.03	2000	N/A	N/A	N/A	10.5	1.5	T-1
P4120-08	SF-6-B	11	100.04	2000	N/A	N/A	N/A	10.5	1.5	T-2
P4120-10	COMP-1	12	100.03	2000	N/A	N/A	N/A	10.5	1.0	T-2
P4120-12	COMP-2	13	100.02	2000	N/A	N/A	N/A	11.0	1.5	T-2
P4120-14	RB24085	14	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-2
P4121-01	COMP-1	15	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-2
P4121-02	COMP-2	16	100.03	2000	N/A	N/A	N/A	5.0	1.0	T-2
P4123-01	910-B	17	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-2
PB163511TB	LEB511	18	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
P4099-01	GAS-TRANSMISSION-DEBRIS	N/A	N/A	N/A	N/A	100	N/A
P4103-02	WC-22A	N/A	N/A	N/A	N/A	100	N/A
P4103-05	WC-14-5-7.5A	N/A	N/A	N/A	N/A	100	N/A
P4103-08	WC-14-5-7.5B	N/A	N/A	N/A	N/A	100	N/A
P4103-11	WC-14-7.5-10A	N/A	N/A	N/A	N/A	100	N/A
P4103-14	WC-14-7.5-10B	N/A	N/A	N/A	N/A	100	N/A
P4103-17	WC-23	N/A	N/A	N/A	N/A	100	N/A
P4120-02	T1	N/A	N/A	N/A	N/A	100	N/A
P4120-04	T2	N/A	N/A	N/A	N/A	100	N/A
P4120-06	SF-6-A	N/A	N/A	N/A	N/A	100	N/A
P4120-08	SF-6-B	N/A	N/A	N/A	N/A	100	N/A
P4120-10	COMP-1	N/A	N/A	N/A	N/A	100	N/A
P4120-12	COMP-2	N/A	N/A	N/A	N/A	100	N/A
P4120-14	RB24085	N/A	N/A	N/A	N/A	100	N/A
P4121-01	COMP-1	N/A	N/A	N/A	N/A	100	N/A
P4121-02	COMP-2	N/A	N/A	N/A	N/A	100	N/A
P4123-01	910-B	N/A	N/A	N/A	N/A	100	N/A
PB163511TB	LEB511	N/A	N/A	N/A	N/A	N/A	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
P4099-01	GAS-TRANSMISSION-DEBRIS	5.02	96.5	9.0	3.5	#1	4.94
P4103-02	WC-22A	5.03	96.5	7.2	2.5	#1	4.94
P4103-05	WC-14-5-7.5A	5.02	96.5	10.0	4.0	#1	4.94
P4103-08	WC-14-5-7.5B	5.03	96.5	9.3	3.5	#1	4.94
P4103-11	WC-14-7.5-10A	5.02	96.5	7.4	2.5	#1	4.94
P4103-14	WC-14-7.5-10B	5.01	96.5	8.0	3.0	#1	4.94
P4103-17	WC-23	5.02	96.5	8.4	3.5	#1	4.94
P4120-02	T1	5.03	96.5	11.5	4.5	#1	4.94
P4120-04	T2	5.04	96.5	11.5	4.5	#1	4.94
P4120-06	SF-6-A	5.03	96.5	11.0	4.0	#1	4.94
P4120-08	SF-6-B	5.02	96.5	11.0	4.5	#1	4.94
P4120-10	COMP-1	5.03	96.5	11.0	4.5	#1	4.94
P4120-12	COMP-2	5.02	96.5	11.5	4.5	#1	4.94
P4120-14	RB24085	5.02	96.5	8.6	3.5	#1	4.94
P4121-01	COMP-1	5.02	96.5	6.2	2.0	#1	4.94
P4121-02	COMP-2	5.02	96.5	7.2	2.5	#1	4.94
P4123-01	910-B	5.02	96.5	7.6	2.5	#1	4.94
PB163511TB	LEB511	N/A	N/A	N/A	N/A	#1	4.94