

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 : 05/31/2024 Time : 17:30

End Prep Date : 06/01/2024 Time : 10:40

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 24 °C

Final Room Temperature: 21 °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 US	Lot Number
TCLP-FLUID-1	N/A	WP107048
HCL-TCLP,1N	N/A	WP107049
HNO3-TCLP,1N	N/A	WP107050
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	22436
1:1 HNO3	MP78706	N/A

Extraction Conformance/Non-Conformance Comments:

Matrix spiles are added after filtration and before preservation. TUMBLER T-1 / T-2 checked,30 rpm. P2687-09 IS USED FOR MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/03/24 10:00	<u>JP</u> HCL Room	<u>JP</u> Ext
	Preparation Group	Analysis Group <u>JP</u>

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
P2668-04	WC-TP-1	01	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-1
P2668-08	WC-TP-2	02	100.02	2000	N/A	N/A	N/A	7.2	1.0	T-1
P2677-04	WC-1	03	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-1
P2681-01	SLUDGE-DRUM	04	100.04	2000	N/A	N/A	N/A	11.0	1.5	T-1
P2683-03	WC-4	05	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-1
P2683-06	WC-5	06	100.01	2000	N/A	N/A	N/A	7.0	1.5	T-1
P2686-04	WCS-TPQ	07	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-1
P2686-08	WCS-TPP	08	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-1
P2687-03	VNJ-223	09	100.04	2000	N/A	N/A	N/A	5.8	1.5	T-1
P2687-06	72-11977	10	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
P2687-09	72-11998	11	100.01	2000	N/A	N/A	N/A	5.8	1.5	T-2
PB161253TB	LEB253	12	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
P2668-04	WC-TP-1	N/A	N/A	N/A	N/A	100	N/A
P2668-08	WC-TP-2	N/A	N/A	N/A	N/A	100	N/A
P2677-04	WC-1	N/A	N/A	N/A	N/A	100	N/A
P2681-01	SLUDGE-DRUM	N/A	N/A	N/A	N/A	100	N/A
P2683-03	WC-4	N/A	N/A	N/A	N/A	100	N/A
P2683-06	WC-5	N/A	N/A	N/A	N/A	100	N/A
P2686-04	WCS-TPQ	N/A	N/A	N/A	N/A	100	N/A
P2686-08	WCS-TPP	N/A	N/A	N/A	N/A	100	N/A
P2687-03	VNJ-223	N/A	N/A	N/A	N/A	100	N/A
P2687-06	72-11977	N/A	N/A	N/A	N/A	100	N/A
P2687-09	72-11998	N/A	N/A	N/A	N/A	100	N/A
PB161253TB	LEB253	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
P2668-04	WC-TP-1	5.02	96.5	9.7	4.0	#1	4.94
P2668-08	WC-TP-2	5.03	96.5	9.5	4.5	#1	4.94
P2677-04	WC-1	5.02	96.5	8.4	3.5	#1	4.94
P2681-01	SLUDGE-DRUM	5.01	96.5	11.5	4.5	#1	4.94
P2683-03	WC-4	5.01	96.5	8.0	3.0	#1	4.94
P2683-06	WC-5	5.02	96.5	8.6	3.0	#1	4.94
P2686-04	WCS-TPQ	5.03	96.5	9.0	3.5	#1	4.94
P2686-08	WCS-TPP	5.03	96.5	8.0	3.0	#1	4.94
P2687-03	VNJ-223	5.02	96.5	7.6	2.5	#1	4.94
P2687-06	72-11977	5.01	96.5	8.6	3.5	#1	4.94
P2687-09	72-11998	5.02	96.5	8.4	3.0	#1	4.94
PB161253TB	LEB253	N/A	N/A	N/A	N/A	#1	4.94