Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB164694

SOP ID : M1311-TCLP-15

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

Pippete ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 114771

Start Prep Date : 11/06/2024 **Time :** 16:45

End Prep Date : 11/07/2024 **Time :** 09:35

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 24 °C

Final Room Temperature: 23 °C

TCLP Technician Signature :

Supervisor By : SJ

Standared 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 fiftration and before preservation. TUMBLER T-1 / T-2 checked,30 rpm. p4718-03 is used for MS-MSD. Particle size reduction is not required.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/07/24 11:00	SD / Cold Room	/ Metals
	Preparation Group	Analysis Group / GC

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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
P4718-03	WB-307-SB02	01	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-1
P4719-03	BAYAVE-STOCKPILE	02	100.03	2000	N/A	N/A	N/A	5.8	1.5	T-1
P4720-05	JC-701-COMP-01	03	100.04	2000	N/A	N/A	N/A	3.5	1.0	T-1
P4722-04	WC-1(0-6)	04	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
P4722-09	WC-2(0-6)	05	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-1
P4722-14	WC-3(0-6)	06	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
P4732-02	PPE-COMP	07	100.00	2000	N/A	N/A	N/A	6.0	1.0	T-1
P4738-02	72-12018	08	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-1
P4739-04	TP-14	09	100.03	2000	N/A	N/A	N/A	5.8	1.0	T-1
P4739-08	BP-G2	10	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
P4739-12	BP-B2	11	100.03	2000	N/A	N/A	N/A	5.8	1.0	T-2
P4739-16	TP-11	12	100.04	2000	N/A	N/A	N/A	8.2	1.5	T-2
PB164694TB	LEB694	13	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
P4718-03	WB-307-SB02	N/A	N/A	N/A	N/A	100	N/A
P4719-03	BAYAVE-STOCKPILE	N/A	N/A	N/A	N/A	100	N/A
P4720-05	JC-701-COMP-01	N/A	N/A	N/A	N/A	100	N/A
P4722-04	WC-1(0-6)	N/A	N/A	N/A	N/A	100	N/A
P4722-09	WC-2(0-6)	N/A	N/A	N/A	N/A	100	N/A
P4722-14	WC-3(0-6)	N/A	N/A	N/A	N/A	100	N/A
P4732-02	PPE-COMP	N/A	N/A	N/A	N/A	100	N/A
P4738-02	72-12018	N/A	N/A	N/A	N/A	100	N/A
P4739-04	TP-14	N/A	N/A	N/A	N/A	100	N/A
P4739-08	BP-G2	N/A	N/A	N/A	N/A	100	N/A
P4739-12	BP-B2	N/A	N/A	N/A	N/A	100	N/A
P4739-16	TP-11	N/A	N/A	N/A	N/A	100	N/A
PB164694TB	LEB694	N/A	N/A	N/A	N/A	N/A	N/A

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TCLP Fluid Determination

PB164694

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
P4718-03	WB-307-SB02	5.02	96.5	8.4	3.0	#1	4.94
P4719-03	BAYAVE-STOCKPILE	5.01	96.5	8.4	3.0	#1	4.94
P4720-05	JC-701-COMP-01	5.02	96.5	6.0	2.0	#1	4.94
P4722-04	WC-1(0-6)	5.03	96.5	9.4	4.0	#1	4.94
P4722-09	WC-2(0-6)	5.02	96.5	9.0	3.5	#1	4.94
P4722-14	WC-3(0-6)	5.01	96.5	8.6	3.5	#1	4.94
P4732-02	PPE-COMP	5.00	96.5	8.4	3.0	#1	4.94
P4738-02	72-12018	5.02	96.5	7.0	2.5	#1	4.94
P4739-04	TP-14	5.03	96.5	7.2	2.5	#1	4.94
P4739-08	BP-G2	5.04	96.5	8.0	3.0	#1	4.94
P4739-12	BP-B2	5.02	96.5	7.6	2.5	#1	4.94
P4739-16	TP-11	5.01	96.5	10.0	4.0	#1	4.94
PB164694TB	LEB694	N/A	N/A	N/A	N/A	#1	4.94