

SOP ID : M1311-TCLP-12

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 : 113075

Start Prep Date : 10/07/2020 Time : 17:15

End Prep Date : 10/08/2020 Time : 09:30

Combination Ratio : N/A

ZHE Cleaning Batch : N/A

Initial Room Temperature: 24 °C

Final Room Temperature: 21 °C

TCLP Technician Signature : JP

Supervisor By : JP

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	WP86714
HCL-TCLP,1N	N/A	WP86715
HNO3-TCLP,1N	N/A	WP86716
pH Strips	N/A	W1931,W1934,W2755,W2350
pH Strips	N/A	W1937,W1938,W1939,W1940,W1941,W1942
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

MATRIX SPIKES ARE ADDED AFTER FIFTRATION AND BEFORE PRESERVATION.TUMBLER T-1/T-2 CHECKED,30 RPM.L4291-04 IS USED FOR MS-MSD.

Date / Time	Received By	Relinquished By	Location
10/08/2020	<u>JP</u>	<u>JP</u>	<u>Def Dig 1.</u>
	Analysis Group	Preparation Group	<u>Exfil.</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
L4291-04	PAV-B4-100620-0-10	01	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
L4291-06	PAV-B4-100620-10-20	02	100.02	2000	N/A	N/A	N/A	7.4	1.0	T-1
L4291-12	PAV-B4-100620-DP	03	100.03	2000	N/A	N/A	N/A	7.4	1.5	T-1
L4292-04	PAV-B13-100620-0-10	04	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-1
L4292-10	PAV-B13-100620-DP	05	100.01	2000	N/A	N/A	N/A	7.2	1.5	T-1
L4294-02	TP-(0-3)-(3-5)-COMP	06	100.03	2000	N/A	N/A	N/A	7.2	1.0	T-1
L4295-01	DRUM-1	07	100.01	2000	N/A	N/A	N/A	4.5	1.0	T-1
L4295-02	10-07A	08	100.02	2000	N/A	N/A	N/A	4.0	1.5	T-1
L4295-03	10-07B	09	100.03	2000	N/A	N/A	N/A	4.5	1.5	T-1
L4295-04	10-07C	10	100.04	2000	N/A	N/A	N/A	4.5	1.0	T-1
L4300-01	231-232-COMP	11	100.00	2000	N/A	N/A	N/A	4.0	1.5	T-2
L4311-04	PAV-B10-100720-0-10	12	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2
L4311-06	PAV-B10-100720-10-17	13	100.04	2000	N/A	N/A	N/A	5.5	1.5	T-2
PB132188TB	LEB188	14	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
L4291-04	PAV-B4-100620-0-10	100.02	0.60	0	N/A	100	N/A
L4291-06	PAV-B4-100620-10-20	100.01	0.64	0	N/A	100	N/A
L4291-12	PAV-B4-100620-DP	100.03	0.58	0	N/A	100	N/A
L4292-04	PAV-B13-100620-0-10	100.00	0.60	0	N/A	100	N/A
L4292-10	PAV-B13-100620-DP	100.02	0.61	0	N/A	100	N/A
L4294-02	TP-(0-3)-(3-5)-COMP	100.01	0.60	0	N/A	100	N/A
L4295-01	DRUM-1	100.00	0.57	0	N/A	100	N/A
L4295-02	10-07A	100.02	0.60	0	N/A	100	N/A
L4295-03	10-07B	100.01	0.61	0	N/A	100	N/A
L4295-04	10-07C	100.02	0.63	0	N/A	100	N/A
L4300-01	231-232-COMP	100.03	0.64	0	N/A	100	N/A
L4311-04	PAV-B10-100720-0-10	100.04	0.63	0	N/A	100	N/A
L4311-06	PAV-B10-100720-10-17	100.02	0.65	0	N/A	100	N/A
PB132188TB	LEB188	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
L4291-04	PAV-B4-100620-0-10	5.03	96.5	9.5	4.5	#1	4.94
L4291-06	PAV-B4-100620-10-20	5.02	96.5	9.3	4.0	#1	4.94
L4291-12	PAV-B4-100620-DP	5.01	96.5	9.1	4.0	#1	4.94
L4292-04	PAV-B13-100620-0-10	5.00	96.5	8.4	2.0	#1	4.94
L4292-10	PAV-B13-100620-DP	5.03	96.5	8.2	1.5	#1	4.94
L4294-02	TP-(0-3)-(3-5)-COMP	5.00	96.5	9.1	4.0	#1	4.94
L4295-01	DRUM-1	5.01	96.5	6.0	2.0	#1	4.94
L4295-02	10-07A	5.03	96.5	6.0	1.5	#1	4.94
L4295-03	10-07B	5.02	96.5	5.6	1.5	#1	4.94
L4295-04	10-07C	5.02	96.5	6.0	2.0	#1	4.94
L4300-01	231-232-COMP	5.01	96.5	5.6	1.5	#1	4.94
L4311-04	PAV-B10-100720-0-10	5.03	96.5	7.6	2.0	#1	4.94
L4311-06	PAV-B10-100720-10-17	5.04	96.5	7.4	2.0	#1	4.94
PB132188TB	LEB188	N/A	N/A	N/A	N/A	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP L4291

WorkList ID : 143053

Department : TCLP Extraction

Date : 10-07-2020 15:38:44

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/19/2020	Solid	L4291-04	TCLP Extraction	Cool 4 deg C	ENTE01	O21	PAV-B4-100620-0-10	10/06/2020	1311
10/19/2020	Solid	L4291-06	TCLP Extraction	Cool 4 deg C	ENTE01	O21	PAV-B4-100620-10-20	10/06/2020	1311
10/19/2020	Solid	L4291-12	TCLP Extraction	Cool 4 deg C	ENTE01	O21	PAV-B4-100620-DP	10/06/2020	1311
10/19/2020	Solid	L4292-04	TCLP Extraction	Cool 4 deg C	ENTE01	O21	PAV-B13-100620-0-10	10/06/2020	1311
10/19/2020	Solid	L4292-10	TCLP Extraction	Cool 4 deg C	ENTE01	O21	PAV-B13-100620-DP	10/06/2020	1311
10/12/2020	Solid	L4294-02	TCLP Extraction	Cool 4 deg C	PSEG01	O41	TP-(0-3)-(3-5)-COMP	10/07/2020	1311
10/13/2020	Solid	L4295-01	TCLP Extraction	Cool 4 deg C	PSEG01	O41	DRUM-1	10/07/2020	1311
10/13/2020	Solid	L4295-02	TCLP Extraction	Cool 4 deg C	PSEG01	O41	10-07A	10/07/2020	1311
10/13/2020	Solid	L4295-03	TCLP Extraction	Cool 4 deg C	PSEG01	O41	10-07B	10/07/2020	1311
10/13/2020	Solid	L4295-04	TCLP Extraction	Cool 4 deg C	PSEG01	O41	10-07C	10/07/2020	1311
10/14/2020	Solid	L4300-01	TCLP Extraction	Cool 4 deg C	PSEG01	O42	231-232-COMP	10/07/2020	1311
10/20/2020	Solid	L4311-04	TCLP Extraction	Cool 4 deg C	ENTE01	O31	PAV-B10-100720-0-10	10/07/2020	1311
10/20/2020	Solid	L4311-06	TCLP Extraction	Cool 4 deg C	ENTE01	O31	PAV-B10-100720-10-17	10/07/2020	1311

Date/Time 10-07-2020 16:25
 Received by: KS (Wetchem)
 Relinquished by: KS (Wetchem)

Date/Time 10-07-2020 18:10
 Received by: KS (Wetchem)
 Relinquished by: KS (Wetchem)