

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Enterprise Crude Pipeline, LLC - Thistle 44 Release
Lea County, New Mexico

Ensolum Project No. 03B1226014

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (≤ 50 feet)			10	NE	NE	NE	50	NE	NE	NE	100	600
Confirmation Soil Sample Analytical Results												
CS-1	9/27/2019	0.25	<0.000383	<0.000453	<0.000561	<0.000342	<0.000342	<15.0	255	20.8 J	276	34.6
Re-CS-1	10/7/2019	0.5	NS					<50.0	<50.0	<50.0	<50.0	NS
CS-2	9/27/2019	0.25	<0.000382	<0.000452	<0.000560	<0.000342	<0.000342	<14.9	48.4 J	<14.9	48.8 J	12.5
CS-3	9/27/2019	0.25	<0.000381	<0.000451	<0.000559	<0.000341	<0.000341	<15.0	58.5	<15.0	58.5	23.3
CS-4	9/27/2019	0.25	<0.000386	<0.000457	<0.000566	<0.000345	<0.000345	<15.0	132	17.4 J	149	31.7
Re-CS-4	10/7/2019	0.5	NS					<50.0	314	<50.0	314	NS
Re2-CS-4	10/15/2019	0.75	NS					34.3 J	604	62.7	701	NS
Re3-CS-4	10/30/2019	0.75	NS					23.7 J	28.9 J	<15.0	52.6	NS
CS-5	9/27/2019	0.25	<0.000383	<0.000454	<0.000563	<0.000343	<0.000343	<15.0	118	21.4 J	139	36.9
Re-CS-5	10/7/2019	0.5	NS					<49.9	60.7	<49.9	60.7	NS
CS-6	9/27/2019	0.25	<0.000383	<0.000454	<0.000563	<0.000343	<0.000343	<15.0	<15.0	<15.0	<15.0	7.53
CS-7	9/27/2019	0.25	<0.000384	<0.000455	<0.000564	<0.000344	<0.000344	<15.0	<15.0	<15.0	<15.0	7.38
CS-8	9/27/2019	0.25	<0.000385	<0.000456	<0.000565	<0.000344	<0.000344	<14.9	<14.9	<14.9	<14.9	6.65
CS-9	10/7/2019	2	8.31	112	48.0	164	332	4,910	12,000	1,350	18,300	<5.00
CS-10	10/7/2019	2	17.7	108	39.7	139	304	4,950	12,500	1,250	18,700	NS
Re-CS-10	10/15/2019	2	<0.000384	<0.000455	<0.000564	0.00184 J	0.00184 J	<15.0	<15.0	<15.0	<15.0	6.31
CS-11	10/7/2019	2	67.5	310	96.5	287	755	13,600	26,200	2,380	42,200	NS
CS-12	10/7/2019	2	6.73	46.4	22.6	73.0	149	3,500	13,400	1,310	18,200	NS
CS-13	10/7/2019	2	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	<49.9	388	187	545	NS
CS-14	10/7/2019	2	15.1	139	59.1	187	400	6,830	13,300	1,230	21,400	28.6
Re-CS-14	10/15/2019	2	<0.000386	<0.000457	<0.000567	<0.000346	<0.000346	<15.0	<15.0	<15.0	<15.0	5.16
CS-15	10/15/2019	2	<0.000387	<0.000458	<0.000568	<0.000346	<0.000346	<14.9	<14.9	<14.9	<14.9	9.56
CS-16	10/15/2019	2	<0.000382	<0.000452	<0.000560	<0.000342	<0.000342	<15.0	<15.0	<15.0	<15.0	70.2
CS-17	10/15/2019	2	<0.000383	<0.000453	<0.000561	0.00180 J	0.00180 J	<15.0	<15.0	<15.0	<15.0	11.3
CS-18	10/15/2019	2	0.00177 J	0.00186 J	0.000696 J	0.00435	0.00868	<15.0	<15.0	<15.0	<15.0	4.52 J
Stockpile Soil Sample Analytical Results												
STP-1	9/27/2019	NA	<0.000388	0.0356	0.0131	0.150	0.199	253	2,140	303	2,700	21.7
Re-STP-1	10/15/2019	NA	NS					36.2 J	825	88.8	949	NS
Re2-STP-1	10/30/2019	NA	NS					39.2 J	1,970	182	2,190	NS
RE3-STP-1	12/13/2019	NA	NS					<49.9	453	72.8	526	NS
RE4-STP-1	1/10/2020	NA	NS					<50.0	146	<50.0	146	NS
RE5-STP-1	1/15/2020	NA	NS					<49.9	<49.9	<49.9	<49.9	NS
STP-2	9/27/2019	NA	<0.000386	0.141	0.00561	0.429	0.576	286	1,900	286	2,470	7.96
Re-STP-2	10/15/2019	NA	NS					115	1,760	192	2,070	NS
Re2-STP-2	10/30/2019	NA	NS					62.6	2,630	237	2,820	NS
RE3-STP-2	11/26/2019	NA	NS					20.6 J	2,000	306	2,330	NS
RE4-STP-2	12/13/2019	NA	NS					<49.9	210	<49.9	210	NS
RE5-STP-2	1/10/2020	NA	NS					<50.0	63.9	<50.0	63.9	NS
STP-3	9/27/2019	NA	0.0138	0.259	0.0916	0.556	0.920	780	4,820	612	6,210	42.1
Re-STP-3	10/15/2019	NA	NS					233	1,940	202	2,380	NS
Re2-STP-3	10/30/2019	NA	NS					163	4,220	464	4,850	NS
RE3-STP-3	11/26/2019	NA	NS					59.0	3,840	536	4,440	NS
RE4-STP-3	12/13/2019	NA	NS					<50.0	569	96.8	666	NS
RE5-STP-3	1/10/2020	NA	NS					<49.9	62.2	<49.9	62.2	NS

Concentrations in bold and yellow exceed the New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (≤ 50 feet)

Over Excavated and/or Re-Sampled

bgs: below ground surface

J: The target analyte was positively identified below the quantitation limit and above the detection limit.

mg/kg: milligrams per kilogram

NA: Not Applicable

NE: Not Established

NS: Not Sampled

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

MRO: Motor Oil/Lube Oil Range Organics

TPH: Total Petroleum Hydrocarbon