

TABLE 1
SOIL SAMPLE ANALYTICAL DATA
EMERALD RECOVERY UNIT
LOGAN COUNTY, COLORADO
WESTERN OPERATING COMPANY

SAMPLE ID	DATE	GRO (mg/kg)	DRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	EC (mmhos/cm)	SAR	pH
SS01	4/23/2015	<50	<50	<0.002	<0.002	<0.002	<0.002	0.081	0.689	8.22
SS02	4/23/2015	<50	<50	<0.002	<0.002	<0.002	<0.002	0.130	0.884	7.41
SS03	4/23/2015	<50	157	<0.002	<0.002	<0.002	<0.002	0.078	0.542	8.41
SS04	4/23/2015	<50	<50	<0.002	<0.002	<0.002	<0.002	0.106	1.020	8.52
SS05	4/23/2015	<50	<50	<0.002	<0.002	<0.002	<0.002	0.170	1.300	8.42
SS06	4/23/2015	<50	<50	<0.002	<0.002	<0.002	<0.002	0.147	2.520	8.95
SS07/PE-SS01	4/23/2015	<50	1,290	<0.002	<0.002	<0.002	<0.002	0.157	1.030	9.22
	6/19/2015	<0.200	58	<0.002	0.002	<0.002	<0.002	0.114	0.985	8.11
SS08	4/23/2015	<50	247	<0.002	<0.002	<0.002	<0.002	0.170	0.701	9.13
SS09	4/23/2015	<50	127	<0.002	<0.002	<0.002	<0.002	0.091	0.636	9.18
SS10	4/23/2015	<50	<50	<0.002	<0.002	<0.002	<0.002	0.170	1.060	9.2
COGCC Table 910-1 Standard		500		0.17	85	100	175	<4	<12	6-9

Bold indicates concentration exceeds regulatory standard

GRO - gasoline range organics

DRO - diesel range organics

mg/kg - milligrams per kilogram

< - Less than stated laboratory reporting limit

NA - not analyzed

COGCC - Colorado Oil and Gas Conservation Commission

