

Terra Energy Partners SG 13-33	COGCC Table 915-1 Threshold (RSS Level)	EXCAVATION CONFIRMATION					
		2/13/2023					
		L1585279					L1585279
		SL 1 Exc. North Side	SL 2 Exc. South Side	SL 3 Exc. West Side	SL 4 Exc. Bottom	SL 5 Stockpile	SL 6 BKGD
GRO (C6-C10)	500	0.70	0.608	0.77	1.51	0.534	0.528
DRO (C10-C26)		13.2	17.8	8.97	18.5	12	9.7
ORO (C26-C36)		39	67.4	35.8	26.3	54.7	41.6
BENZENE	1.2	0.002	0.004	0.005	0.008	0.006	0.004
TOLUENE	490	0.026	0.032	0.048	0.07	0.028	0.024
ETHYLBENZENE	5.8	0.005	0.004	0.005	0.0079	0.002	0.002
XYLENE TOTAL	58	0.0549	0.0612	0.757	0.153	0.0174	0.0176
1,2,4 -TRIMETHYLBENZENE	30	0.01	0.0106	0.009	0.0426	ND	ND
1,3,5 -TRIMETHYLBENZENE	27	0.014	0.0118	0.01	0.0356	0.0025	ND
1-METHYLNAPHTHALENE	18	ND	ND	ND	0.068	ND	ND
2-METHYLNAPHTHALENE	24	ND	0.004	ND	0.181	ND	ND
ACENAPHTHENE	360	ND	ND	ND	ND	ND	ND
ANTHRACENE	1,800	ND	ND	ND	ND	ND	ND
BENZO(A)ANTHRACENE	1.1	ND	ND	ND	ND	ND	ND
BENZO(A)PYRENE	0.11	ND	ND	ND	ND	ND	ND
BENZO(B)FLUORANTHENE	1.1	ND	ND	ND	ND	ND	ND
BENZO(K)FLUORANTHENE	11	ND	ND	ND	ND	ND	ND
CHRYSENE	110	ND	ND	ND	ND	ND	ND
DIBENZO(A,H)ANTHRACENE	0.11	ND	ND	ND	ND	ND	ND
FLUORANTHENE	240	ND	ND	ND	ND	ND	ND
FLUORENE	240	ND	ND	ND	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	1.1	ND	ND	ND	ND	ND	ND
NAPHTHALENE	2	ND	ND	ND	0.077	ND	ND
PYRENE	180	ND	ND	ND	ND	ND	ND
ARSENIC	0.68	8.54	6.84	6.02	6.8	8.3	8.85
BARIUM	15,000	180	194	186	226	231	216
CADMIUM	71	0.338	0.409	0.38	0.389	0.333	0.41
CHROMIUM (IV)	0.3	ND	ND	ND	ND	ND	ND
COPPER	3,100	12.8	11.9	13.6	11.2	12.2	13.2
LEAD	400	10	9.87	8.55	9.08	9.83	10.8
NICKEL	1,500	11.7	12.6	10.7	10.8	12.1	13.3
SELENIUM	390	0.582	0.383	0.373	0.379	0.484	0.616
SILVER	390	0.0877	0.098	ND	ND	ND	ND
ZINC	23,000	43.7	46.9	33.7	38.5	41	46.5
BORON (hot water soluble extract)	2	0.586	0.584	0.571	0.663	0.652	0.661
ELECTRICAL CONDUCTIVITY (EC) (mmho/cm)	<4 mmhos/cm or x2 bkgd	6.03	6.33	6.78	5.8	4.24	5.55
pH	6 to 8.3	7.60	7.16	7.37	7.42	7.71	7.07
SODIUM ADSORPTION RATIO (SAR)	6	6.37	7.67	8.84	9.21	6.94	7.37

All results are reported in mg/kg, unless otherwise noted

Boron (hot water soluble extract) is reported in mg/l

Exceedances are highlighted in yellow (except if below background or within 1.25x allowance)

(-) Indicates analyte was not analyzed