

Terra Energy Partners PA 12-28-695	COGCC Table 915-1 Threshold (RSS Level)	Exc. Confirmation				Confirmation						Background		
		9/30/2021				10/21/2021					11/11/2021	9/30/2021	10/21/2021	
		Lab ID: L1412425				L1442320					L1430605	L1412429	L1421325	
		SL 1	SL 2	SL 3	SL 4	SL 1	SL 2	SL 3	SL 4	SL 5	SL 1	BKGD 1	BKGD 2	BKGD 3
GRO (C6-C10)	500	0.058	0.767	0.146	0.061	-	-	-	-	0.227	-	-	-	-
DRO (C10-C26)		10.6	19.5	23.6	19.4	-	-	-	-	12.9	-	-	-	-
ORO (C26-C36)		40.5	39	65.6	90.5	-	-	-	-	29.8	-	-	-	-
BENZENE	1.2	0.0172	ND	0.00327	ND	-	-	-	-	ND	-	-	-	-
TOLUENE	490	0.0104	ND	0.0374	ND	-	-	-	-	ND	-	-	-	-
ETHYLBENZENE	5.8	ND	ND	0.00463	ND	-	-	-	-	ND	-	-	-	-
XYLENE TOTAL	58	ND	0.0406	0.0725	0.00115	-	-	-	-	0.00379	-	-	-	-
1,2,4-TRIMETHYLBENZENE	30	ND	0.0016	0.00168	ND	-	-	-	-	ND	-	-	-	-
1,3,5-TRIMETHYLBENZENE	27	ND	0.093	0.00723	0.00255	-	-	-	-	0.003	-	-	-	-
1-METHYLNAPHTHALENE	18	ND	ND	ND	ND	-	-	-	-	ND	-	-	-	-
2-METHYLNAPHTHALENE	24	ND	ND	ND	ND	-	-	-	-	ND	-	-	-	-
ACENAPHTHENE	360	ND	ND	0.00554	ND	-	-	-	-	ND	-	-	-	-
ANTHRACENE	1,800	ND	ND	0.00724	ND	-	-	-	-	ND	-	-	-	-
BENZO(A)ANTHRACENE	1.1	ND	ND	0.00196	ND	-	-	-	-	ND	-	-	-	-
BENZO(A)PYRENE	0.11	ND	ND	ND	ND	-	-	-	-	ND	-	-	-	-
BENZO(B)FLUORANTHENE	1.1	ND	ND	ND	ND	-	-	-	-	ND	-	-	-	-
BENZO(K)FLUORANTHENE	11	ND	ND	ND	ND	-	-	-	-	ND	-	-	-	-
CHRYSENE	110	ND	ND	ND	ND	-	-	-	-	ND	-	-	-	-
DIBENZO(A,H)ANTHRACENE	0.11	ND	ND	ND	ND	-	-	-	-	ND	-	-	-	-
FLUORANTHENE	240	ND	ND	0.0163	ND	-	-	-	-	ND	-	-	-	-
FLUORENE	240	ND	ND	0.00597	ND	-	-	-	-	ND	-	-	-	-
INDENO(1,2,3-CD)PYRENE	1.1	ND	ND	ND	ND	-	-	-	-	ND	-	-	-	-
NAPHTHALENE	2	ND	ND	0.0204	ND	-	-	-	-	ND	-	-	-	-
PYRENE	180	ND	ND	0.0114	ND	-	-	-	-	ND	-	-	-	-
ARSENIC	0.68	10.4	13.5	19	22.7	-	11.8	8.1	9.93	12.6	-	11.4	13.4	9.25
BARIUM	15,000	216	226	293	393	-	-	-	-	439	-	-	-	-
CADMIUM	71	0.364	0.315	0.299	0.533	-	-	-	-	0.455	-	-	-	-
CHROMIUM (IV)	0.3	ND	ND	ND	ND	-	-	-	-	ND	-	-	-	-
COPPER	3,100	16.3	20.7	19.1	35.6	-	-	-	-	18.6	-	-	-	-
LEAD	400	10.1	13.3	14	15.5	-	-	-	-	13.3	-	-	-	-
NICKEL	1,500	15.4	16.1	15.9	20.9	-	-	-	-	21	-	-	-	-
SELENIUM	390	ND	ND	ND	ND	-	-	-	-	1.17	-	-	-	-
SILVER	390	ND	ND	ND	ND	-	-	-	-	ND	-	-	-	-
ZINC	23,000	40.3	42.8	40.9	41.1	-	-	-	-	47.3	-	-	-	-
BORON (hot water soluble extract)	2	0.401	0.438	1.5	0.394	-	-	-	-	0.614	-	-	-	-
ELECTRICAL CONDUCTIVITY (EC) (mmho/cm)	<4 mmhos/cm or x2 bkcd	5.08	3.17	5.39	0.473	3.6	-	0.679	-	1.19	-	0.028	3.84	0.368
pH	6 to 8.3	8.18	8.19	8.65	8.23	-	-	-	-	8.45	-	7.89	8.02	8.17
SODIUM ADSORPTION RATIO (SAR)	6	33.2	22.4	69.4	1.52	34.8	12.3	2.81	-	4.4	7.53	0.056	24	0.747

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)

Values highlighted in blue are constituents that no longer exceed Table 915-1 or comparable to background