

Terra Energy Gov 298-26-1 Site Investigation	COGCC Table 910-1 Threshold	Initial Site Investigation						Pot-Hole Investigation								Excavation Confirmation									
		BH 1	BH 2	BH 3	BH 4	BH 5	BH 6	PH 1	PH 2	PH 3	PH 4	PH 5	PH 6	PH 7	PH 8	Excavation - Southern Half				Excavation - Northern Half					
		5'	7'	5'	5'	6'	9'	8'	8'	3.5'	8'	10'	10'	11'	12'	West Wall @ 7'	South Wall @ 9'	East Wall @ 8'	Bottom @ 11'	West Wall @ 7'	East Wall @ 8'	West Wall @ 7'	North Wall @ 9'	East Wall @ 9'	Bottom @ 11'
		Lab ID: L1295221						Lab ID: L21050130								Lab ID: L21072475				Lab ID:		Lab ID: 21080449			
		12/8/2020						4/28/2021								7/27/2021				8/10/2021		8/4/2021			
TEPH (DRO)	500	759	234	204	3.41	3.21	2700	590	12	ND	55	ND	4.3	500	ND	14	10	16	15	-	-	9.1	7.4	11	50
TVPH (GRO)		2240	905	1430	308	0.03	8860	2,700	ND	ND	180	ND	ND	910	ND	ND	3.7	ND	ND	-	-	ND	ND	ND	230
(TPH)		(2,999)	(1,139)	(1,634)	(311.4)	(3.24)	(11,560)																		
BENZENE	0.17	0.885	ND	0.436	ND	0.0012	6.83	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	ND	ND	ND
TOLUENE	85	ND	ND	7.87	ND	0.0018	137	6.8	ND	ND	0.37	ND	ND	0.15	0.013	ND	ND	ND	ND	-	-	ND	ND	ND	ND
ETHYLBENZENE	100	8.08	ND	6.14	0.656	ND	42.5	4.6	ND	ND	0.24	ND	ND	0.37	0.13	0.026	0.0014	ND	0.02	-	-	ND	ND	ND	ND
XYLENE TOTAL	175	179	27.7	67.5	28.1	0.0029	587	120	ND	ND	6.1	ND	ND	13	1.2	0.17	0.11	0.10	0.16	-	-	ND	ND	ND	ND
ACENAPHTHENE	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	-	-	ND	ND	ND	ND
ANTHRACENE	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.028	0.005	ND	ND	-	-	ND	ND	ND	ND
BENZO(A)ANTHRACENE	0.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.062	0.026	0.0053	ND	-	-	ND	ND	ND	ND
BENZO(A)PYRENE	0.022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.063	0.015	ND	ND	ND	-	ND	ND	ND	ND
BENZO(B)FLUORANTHENE	0.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.083	0.019	0.0043	ND	-	-	ND	ND	ND	ND
BENZO(K)FLUORANTHENE	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.035	0.0087	ND	ND	-	-	ND	ND	ND	ND
CHRYSENE	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.056	0.019	ND	ND	-	-	ND	ND	ND	ND
DIBENZO(A,H)ANTHRANCENE	0.022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.013	ND	ND	ND	-	-	ND	ND	ND	ND
FLUORANTHENE	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.088	0.034	ND	ND	-	-	ND	ND	ND	ND
FLUORENE	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	-	-	ND	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	0.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.086	0.014	ND	ND	-	-	ND	ND	ND	ND
NAPHTHALENE	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	-	-	ND	ND	ND	ND
PYRENE	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.074	0.034	ND	ND	-	-	ND	ND	ND	ND
ARSENIC	0.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.9	4.2	23	4.7	-	9.0	5.1	4.0	3.8	4.2
BARIUM	15,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	190	100	240	200	-	-	150	330	230	180
CADMIUM	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.032	0.27	0.057	-	-	ND	0.18	0.16	0.092
CHROMIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	31	24	25	-	-	30	23	17	21
CHROMIUM (III)	120,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	31	24	25	-	-	30	23	17	21
CHROMIUM (IV)	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	-	-	ND	ND	ND	ND
COPPER	3,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.1	4.6	8	5.8	-	-	5.2	9.4	11	7.4
LEAD	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11	30	13	-	-	14	17	19	17
MERCURY	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND	0.019	0.018	-	-	0.022	0.022	0.022	0.023
NICKEL	1,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.3	8.9	11	9.9	-	-	10	11	10	8.6
SELENIUM	390	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	-	-	ND	ND	ND	ND
SILVER	390	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND	0.094	ND	-	-	ND	ND	ND	ND
ZINC	23,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	48	60	52	-	-	36	41	37	33
ELECTRICAL CONDUCTIVITY (EC) (mmho/cm)	<4 mmhos/cm or x2 bkcd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.061	0.040	0.056	0.048	-	-	1.60	0.98	0.51	1.20
pH	6 to 9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.89	9.69	8.47	8.62	-	-	9.59	9.42	9.31	9.50
SODIUM ADSORPTION RATIO (SAR)	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.10	9.50	3.10	3.30	-	-	18	8.60	3.50	11

Results reported in mg/kg unless otherwise noted. Refer to the raw data reports for any further clarification

Exceedances to Table 910-1 are highlighted in yellow

**ND-Non-Detect (below laboratory detection limits)

(-) Indicates constituent was non-analyzed