

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	South Wall	East Wall	Bottom	West Wall	East Wall	West Wall	North Wall	East Wall	Bottom		
		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)ANTRHACENE	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)ANTHRACENE	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 bkgd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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