

TABLE 1
LABORATORY RESULTS SUMMARY TABLE
YCF 3-45-1
RIO BLANCO COUNTY, COLORADO
XTO ENERGY, INC

PARAMETER	SOIL CONCENTRATIONS															
	COGCC SOIL CONCENTRATION LEVELS	UNITS	PW Spill N. Sidewall	PW Spill S. Sidewall	PW Spill E. Sidewall	PW Spill W. Sidewall	PW Spill Bottom #1 (10')	PW Spill Bottom #2 (10')	S. Sidewall @10'	E. Sidewall @10'	W. Sidewall @ 10'	Bottom #1 @ 14'	Bottom #2 @ 14'	Access Rd. #8	Access Rd. #7	Sed Trap #6
			19092031	19092031	19092031	19092031	19092031	19092031	19101949	19101949	19101949	19101949	19101949	19101949	19101949	19101949
			19092031	19092031	19092031	19092031	19092031	19092031	19101949	19101949	19101949	19101949	19101949	19101949	19101949	19101949
Sample Date									10/22/2019	10/22/2019	10/22/2019	10/22/2019	10/22/2019	10/22/2019	10/22/2019	10/22/2019
Arsenic	0.39	mg/kg	2.1	11	12	2.1	6.2	10	NA	NA	NA	NA	NA	3.9	5.4	3.5
Barium	15,000	mg/kg	140	320	320	520	520	220	NA	NA	NA	NA	NA	200	210	210
Cadmium	70	mg/kg	ND	0.057	0.078	0.17	0.062	0.16	NA	NA	NA	NA	NA	0.043	ND	0.12
Chromium (III)	120,000	mg/kg	25	39	40	29	55	73	NA	NA	NA	NA	NA	35	42	37
Chromium (VI)	23	mg/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND
Copper	3,100	mg/kg	15	12	15	29	13	25	NA	NA	NA	NA	NA	6.2	8.2	13
Lead	400	mg/kg	11	15	15	15	14	13	NA	NA	NA	NA	NA	7.8	12	12
Mercury	23	mg/kg	0.030	0.015	0.039	0.062	0.040	0.043	NA	NA	NA	NA	NA	0.014	0.013	0.014
Nickel	1,600	mg/kg	22	28	25	29	36	70	NA	NA	NA	NA	NA	14	19	18
Selenium	390	mg/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND
Silver	390	mg/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND
Zinc	23,000	mg/kg	58	55	57	60	62	67	NA	NA	NA	NA	NA	32	42	48
EC	4.0	mmhos/cm	1.9	11	5.3	7.4	9.6	7.8	NA	NA	NA	NA	NA	2.1	1.9	1.3
pH	6 - 9	SU	8.78	8.32	8.61	8.78	9.43	7.65	NA	NA	NA	NA	NA	9.20	9.35	8.47
SAR	12	unitless	11	9.8	8.7	7.6	19	8.0	NA	NA	NA	NA	NA	14	13	3.8
TPH-GRO		mg/kg	ND	430	2,600	560	650	1,100	ND	23	81	700	400	ND	ND	ND
TPH-DRO		mg/kg	4.6	87	630	3,300	3,200	1,700	38	670	410	1,300	790	180	30	16
TPH	500	mg/kg	4.6	517	3,230	3,860	3,850	2,800	38	693	491	2,000	1,190	180	30	16
Benzene	0.17	mg/kg	ND	0.0082	1.3	ND	0.13	0.14	NA	ND	NA	NA	NA	ND	ND	ND
Toluene	85	mg/kg	ND	0.91	80	0.13	3.7	15	NA	ND	NA	NA	NA	ND	ND	ND
Ethylbenzene	100	mg/kg	0.016	0.71	8.3	0.021	1.9	2.4	NA	ND	NA	NA	NA	ND	ND	ND
Total Xylenes	175	mg/kg	ND	39	580	47	74	160	NA	ND	NA	NA	NA	ND	ND	ND
Acenaphthene	1000	mg/kg	ND	0.0081	ND	0.15	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND
Anthracene	1000	mg/kg	ND	ND	0.03	ND	ND	0.027	NA	NA	NA	NA	NA	ND	ND	ND
Benzo(A)anthracene	0.22	mg/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND
Benzo(B)fluoranthene	0.22	mg/kg	ND	ND	ND	0.0047	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND
Benzo(K)fluoranthene	2.2	mg/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND
Benzo(A)pyrene	0.022	mg/kg	ND	ND	ND	0.0035	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND
Chrysene	22	mg/kg	ND	ND	0.014	0.031	0.0091	0.012	NA	NA	NA	NA	NA	ND	ND	ND
Dibenzo(A,H)anthracene	0.022	mg/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND
Fluoranthene	1000	mg/kg	ND	ND	0.0087	0.022	0.0066	0.0054	NA	NA	NA	NA	NA	ND	ND	ND
Fluorene	1000	mg/kg	ND	0.13	0.84	1.7	0.48	0.92	NA	NA	NA	NA	NA	0.041	0.019	ND
Indeno(1,2,3,C,D)pyrene	0.22	mg/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND
Naphthalene	23	mg/kg	ND	0.51	7.3	4.5	2.5	6.6	NA	NA	NA	NA	NA	ND	ND	ND
Pyrene	1000	mg/kg	ND	ND	0.014	0.026	0.0099	0.013	NA	NA	NA	NA	NA	ND	ND	ND

NOTES:
ND - analyte not detected above the stated reporting limit
NA - not analyzed
BOLD - indicates result exceeds the COGCC concentration level
BOLD - indicates result is below approved background concentration
COGCC - Colorado Oil and Gas Conservation Commission
EC- electrical conductivity
SAR - sodium adsorption ratio

