

**TABLE 1**  
**LABORATORY RESULTS SUMMARY TABLE**

**HATCH GULCH PIG LAUNCH AREA**  
**PICEANCE FIELD, COLORADO**  
**XTO ENERGY, LLC**

PARAMETER	COGCC CONCENTRATION LEVELS	UNITS	SOIL SAMPLES		BACKGROUND ARSENIC SAMPLES			Maximum Allowable Arsenic Concentration
			#1	#2	#1	#2	#3	
Sample Date			1/15/2020	1/15/2020	3/24/2019	3/24/2019	3/24/2019	-
Sample Depth		FEET	0.25	0.25	NA	NA	NA	-
Arsenic	0.39	mg/kg	<b>4.8</b>	<b>4.7</b>	<b>4.0</b>	<b>4.5</b>	<b>4.6</b>	<b>5.06</b>
Barium	15,000	mg/kg	270	280	NA	NA	NA	-
Cadmium	70	mg/kg	0.097	0.082	NA	NA	NA	-
Chromium (III)	120,000	mg/kg	29	29	NA	NA	NA	-
Chromium (VI)	23	mg/kg	ND	ND	NA	NA	NA	-
Copper	3,100	mg/kg	11	11	NA	NA	NA	-
Lead	400	mg/kg	10	11	NA	NA	NA	-
Mercury	23	mg/kg	0.088	0.023	NA	NA	NA	-
Nickel	1,600	mg/kg	16	15	NA	NA	NA	-
Selenium	390	mg/kg	ND	ND	NA	NA	NA	-
Silver	390	mg/kg	ND	ND	NA	NA	NA	-
Zinc	23,000	mg/kg	43	44	NA	NA	NA	-
EC	4.0	mmhos/cm	<b>9.4</b>	<b>4.8</b>	NA	NA	NA	-
pH	6 - 9	SU	8.68	8.58	NA	NA	NA	-
SAR	12	unitless	<b>58</b>	<b>34</b>	NA	NA	NA	-
TPH-GRO		mg/kg	ND	ND	NA	NA	NA	-
TPH-DRO		mg/kg	ND	ND	NA	NA	NA	-
TPH	500	mg/kg	ND	ND	NA	NA	NA	-
Benzene	0.17	mg/kg	0.046	0.029	NA	NA	NA	-
Toluene	85	mg/kg	0.15	0.082	NA	NA	NA	-
Ethylbenzene	100	mg/kg	ND	ND	NA	NA	NA	-
Total Xylenes	175	mg/kg	0.086	ND	NA	NA	NA	-
Acenaphthene	1000	mg/kg	ND	ND	NA	NA	NA	-
Anthracene	1000	mg/kg	ND	ND	NA	NA	NA	-
Benzo(A)anthracene	0.22	mg/kg	ND	ND	NA	NA	NA	-
Benzo(B)fluoranthene	0.22	mg/kg	ND	ND	NA	NA	NA	-
Benzo(K)fluoranthene	2.2	mg/kg	ND	ND	NA	NA	NA	-
Benzo(A)pyrene	0.022	mg/kg	ND	ND	NA	NA	NA	-
Chrysene	22	mg/kg	ND	ND	NA	NA	NA	-
Dibenzo(A,H)anthracene	0.022	mg/kg	ND	ND	NA	NA	NA	-
Fluoranthene	1000	mg/kg	ND	ND	NA	NA	NA	-
Fluorene	1000	mg/kg	ND	ND	NA	NA	NA	-
Indeno(1,2,3,C,D)pyrene	0.22	mg/kg	ND	ND	NA	NA	NA	-
Naphthalene	23	mg/kg	ND	ND	NA	NA	NA	-
Pyrene	1000	mg/kg	ND	ND	NA	NA	NA	-

**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



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