

TABLE 1
C28-696 FLOWLINE RELEASE
SOIL ANALYTICAL RESULTS
CAERUS OIL AND GAS LLC
PICEANCE BASIN, COLORADO

PARAMETER	COGCC CONCENTRATION LEVELS	UNITS	20200924-C28-696-POR@6.5'	ENCANA_C28_BACKGROUND
Sample Date			9/24/2020	7/29/2009
Sample Matix			POR	Background
Arsenic	0.39	mg/kg	7.23	17.9
Barium	15,000	mg/kg	538	NA
Cadmium	70	mg/kg	<0.500	NA
Chromium (III)	120,000	mg/kg	15.5	NA
Chromium (VI)	23	mg/kg	<2.00	NA
Copper	3,100	mg/kg	15.4	NA
Lead	400	mg/kg	11.4	NA
Mercury	23	mg/kg	0.302	NA
Nickel	1,600	mg/kg	19.0	NA
Selenium	390	mg/kg	<2.00	NA
Silver	390	mg/kg	<1.00	NA
Zinc	23,000	mg/kg	64.0	NA
EC	4 or 2x background	mmhos/cm	2.81	NA
pH	6-9	SU	8.54	NA
SAR	12	unitless	10.2	NA
TPH-DRO			21.9	NA
TPH-GRO			8.42	NA
TPH	500	mg/kg	30.32	NA
Benzene	0.17	mg/kg	0.00518	NA
Toluene	85	mg/kg	<0.00500	NA
Ethylbenzene	100	mg/kg	0.00698	NA
Total Xylenes	175	mg/kg	<0.00650	NA
Acenaphthene	1,000	mg/kg	<0.00600	NA
Anthracene	1,000	mg/kg	<0.00600	NA
Benz(a)anthracene	0.22	mg/kg	<0.00600	NA
Benzo(b)fluoranthene	0.22	mg/kg	0.0125	NA
Benzo(k)fluoranthene	2.2	mg/kg	<0.00600	NA
Benzo(a)pyrene	0.022	mg/kg	<0.00600	NA
Chrysene	22	mg/kg	<0.00600	NA
Dibenzo(a,h)anthracene	0.022	mg/kg	<0.00600	NA
Fluoranthene	1,000	mg/kg	<0.00600	NA
Fluorene	1,000	mg/kg	0.0108	NA
Indeno(1,2,3,c,d)pyrene	0.22	mg/kg	<0.00600	NA
Naphthalene	23	mg/kg	0.0341	NA
Pyrene	1,000	mg/kg	<0.00600	NA

Notes:

< - less than the stated reporting limit

Highlight - indicates result exceeds the COGCC concentration level

COGCC - Colorado Oil and Gas Conservation Commission

EC - electrical conductivity

mg/kg - milligrams per kilogram

mmhos/cm - millimhos per centimeter

NA - see report for data

ND - non detect

SAR - sodium adsorption ratio

SU - standard unit

TPH-GRO - total petroleum hydrocarbons-gasoline range organics

TPH-DRO - total petroleum hydrocarbons-diesel range organics

TPH - combination of TPH-GRO and TPH-DRO