

**TABLE 1
D27-595 FLOWLINE RELEASE
SOIL ANALYTICAL RESULTS
CAERUS OIL AND GAS LLC
PICEANCE BASIN, COLORADO**

PARAMETER	COGCC CONCENTRATION LEVELS	UNITS	20201022-D27-595-POR01@6'	20201022-D27-595-POR02@5.5'	D27-BGN1-020812	D27-BGN2-020812	D27-BGN3-020812	D27-BGNW-020812
Sample Date			10/22/2020	10/22/2020	2/8/2012	2/8/2012	2/8/2012	2/8/2012
Sample Matix			POR	POR	Background	Background	Background	Background
Arsenic	0.39	mg/kg	13.9	13.3	16	14	14	14
Barium	15,000	mg/kg	334	312	NA	NA	NA	NA
Cadmium	70	mg/kg	<0.500	<0.500	NA	NA	NA	NA
Chromium (III)	120,000	mg/kg	19.8	22.4	NA	NA	NA	NA
Chromium (VI)	23	mg/kg	<2.00	<2.00	NA	NA	NA	NA
Copper	3,100	mg/kg	22.3	23.1	NA	NA	NA	NA
Lead	400	mg/kg	15	13.9	NA	NA	NA	NA
Mercury	23	mg/kg	0.312	0.193	NA	NA	NA	NA
Nickel	1,600	mg/kg	17.5	19	NA	NA	NA	NA
Selenium	390	mg/kg	<2.00	<2.00	NA	NA	NA	NA
Silver	390	mg/kg	<1.00	<1.00	NA	NA	NA	NA
Zinc	23,000	mg/kg	49.1	55.6	NA	NA	NA	NA
EC	4 or 2x background	mmhos/cm	1.32	0.731	NA	NA	NA	NA
pH	6-9	SU	8.25	8.34	NA	NA	NA	NA
SAR	12	unitless	3.8	1.33	NA	NA	NA	NA
TPH-DRO			102	50.5	NA	NA	NA	NA
TPH-GRO			0.507	0.415	NA	NA	NA	NA
TPH	500	mg/kg	102.507	50.915	NA	NA	NA	NA
Benzene	0.17	mg/kg	0.0126	0.0057	NA	NA	NA	NA
Toluene	85	mg/kg	0.0931	0.028	NA	NA	NA	NA
Ethylbenzene	100	mg/kg	0.0174	0.0104	NA	NA	NA	NA
Total Xylenes	175	mg/kg	0.274	0.101	NA	NA	NA	NA
Acenaphthene	1,000	mg/kg	<0.00600	<0.00600	NA	NA	NA	NA
Anthracene	1,000	mg/kg	<0.00600	<0.00600	NA	NA	NA	NA
Benz(a)anthracene	0.22	mg/kg	<0.00600	<0.00600	NA	NA	NA	NA
Benzo(b)fluoranthene	0.22	mg/kg	<0.00600	<0.00600	NA	NA	NA	NA
Benzo(k)fluoranthene	2.2	mg/kg	<0.00600	<0.00600	NA	NA	NA	NA
Benzo(a)pyrene	0.022	mg/kg	<0.00600	<0.00600	NA	NA	NA	NA
Chrysene	22	mg/kg	<0.00600	<0.00600	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.022	mg/kg	<0.00600	<0.00600	NA	NA	NA	NA
Fluoranthene	1,000	mg/kg	<0.00600	<0.00600	NA	NA	NA	NA
Fluorene	1,000	mg/kg	<0.00600	<0.00600	NA	NA	NA	NA
Indeno(1,2,3,c,d)pyrene	0.22	mg/kg	<0.00600	<0.00600	NA	NA	NA	NA
Naphthalene	23	mg/kg	0.0692	<0.0200	NA	NA	NA	NA
Pyrene	1,000	mg/kg	<0.00600	<0.00600	NA	NA	NA	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 - not analyzed
 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