

Fed 8-1 Analytical Summary

Doc #2573074

Pit ID 104322

6/30/2020

Utah Gas Corp Lab Summary (Colorado Assets)

Record Count 1

Analytes (BDL = Below Detection Limit; ND = Non Detect, U = below minimum detection limit [MDL])

Allowable Concentration →							Organic Compounds in Soil (mg/kg (ppm))																				Inorganics in Soil				Metals in Soil (mg/kg (ppm))												
Location	Field - Route	Lab	Sampler	Sample Date	Sample Matrix	Matrix Notes	500		TPH (Total volatile and extractable petroleum hydrocarbons) (TPH-GRO + TPH-DRO)	TPH-GRO (SE-C10) Low Fraction	TPH-DRO (C10-C26) High Fraction	0.17	85	100	175	1000	1000	0.22	0.22	2.2	0.022	22	0.022	1000	1000	0.22	23	1000		(<12)	(6-9)	0.39	15000	70	120000	23	3100	400	23	1600	390	390	23000
							TPH (Total volatile and extractable petroleum hydrocarbons) (TPH-GRO + TPH-DRO)	TPH-GRO (SE-C10) Low Fraction	TPH-DRO (C10-C26) High Fraction	Benzene	Toluene	Ethylbenzene	Xylenes - Total	Methylcyclohexane	Acenaphthene	Benzofluoranthene	Benzo(a)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Pyrene	SE-C10 (sum of 10 SE-C10 background)	SAAR (calculation)	pH	Asbestos	Stratum - EPA Total Barium	Cadmium	Chromium (III)	Chromium (VI)	Copper	Lead (inorganic)	Mercury	Nickel (soluble salts)	Selenium	Silver	Zinc		
Fed 8-1	Hells Hole	Pace	SH	05/23/18	Pit	Initial assessment	4284	151	4150	0.057	ND	ND	1.4	ND	ND	ND	0.019	0.219	0.0095	0.339	ND	0.0194	ND	ND	ND	ND	ND	0.583	40.5	8.44	3.5	589	9.19	ND	14.7	8.85	ND	11.9	ND	ND	44.4		
Fed 8-1	Hells Hole	Pace	SH	09/24/18	Pit	SS-A E'	137.191	0.191	137					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND																
Fed 8-1	Hells Hole	Pace	SH	09/24/18	Pit	SS-B E'	168.149	0.149	168					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND																
Fed 8-1	Hells Hole	Pace	SH	09/24/18	Pit	SS-C E'	184.4	23.4	161					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND																
Fed 8-1	Hells Hole	Pace	SH	09/24/18	Pit	SS-D E'	131.157	0.157	131					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND																
Fed 8-1	Hells Hole	Pace	SH	09/24/18	Landfarm	Landfarm	4911	3060	951					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND																
Fed 8-1	Hells Hole	Pace	SH	11/29/18	Landfarm	Landfarm	178	240	1519					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3	ND															
Fed 8-1	Hells Hole	Pace	SH	07/08/19	Landfarm	Landfarm	674.43	2.42	672					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND																
Fed 8-1	Hells Hole	Pace	SH	09/05/19	Landfarm	Landfarm	568.292	0.292	558					0.0194	ND	0.024	0.00963	ND	0.0108	0.00902	ND	0.0067	0.0132	ND	ND	ND	ND	0.0203															
Fed 8-1	Hells Hole	Pace	SH	06/04/20	Landfarm	Landfarm	58.961	0.261	58.7					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND																