

Table 1 - Soil Sample Analytical Results



Kerr-McGee Oil and Gas Onshore LP

Location: UPRR Pan AM V1 and Bluffs White W5-1

Facility ID: 318111

API #: 05-123-08416 and 05-123-16567

County: Weld

County: Weld										Inorganics in Soil	
			500			0.17	85	100	175	(≤ 4 mmhos/cm or 2x background)	(6-9)
COGCC Allowable Concentration -->											
Sample ID	Sample Date	Depth (bgs)	TPH-GRO (C6-C10)	TPH-DRO (C10-C28)	TPH-ORO (C28-C36)	Benzene	Toluene	Ethylbenzene	Xylenes - total	Electrical Conductivity	pH
SS1	09/30/15	6'	<0.200	<50	<200	<0.002	<0.002	<0.002	<0.002	0.0698	9.13*
SS1	10/05/15	15'	<0.200	<50	<200	<0.002	<0.002	<0.002	<0.002	0.1130	7.47
SS1	10/07/15	12'	<0.200	<50	<200	0.032	<0.002	<0.002	<0.002	0.4230	7.86
SS2	10/07/15	12'	0.942	<50	<200	0.005	<0.002	0.002	0.036	0.3000	7.86
SS3	10/07/15	12'	<0.200	<50	<200	<0.002	<0.002	<0.002	0.021	0.0158	8.38
SS4	10/07/15	6'	4.35	<50	<200	<0.002	<0.002	<0.002	<0.002	0.1270	9.15*
SS-5	10/08/15	8'	20.8	<50	<200	<0.002	<0.002	<0.002	<0.002	0.1600	8.87
SS-6	10/08/15	8'	137	310	<200	<0.002	<0.002	<0.002	<0.002	0.1400	8.92
SS-7	10/08/15	8'	109	140	<200	<0.002	<0.002	<0.002	<0.002	0.2090	9.72*
SS-10	10/09/15	10'	87.5	210	<200	<0.050	<0.050	0.204	3.550	0.3960	8.57
SS-8	10/09/15	8'	105	87	<200	<0.002	<0.002	0.376	4.790	0.4270	8.11
SS-9	10/09/15	8'	106	130	<200	0.108	<0.050	0.581	9.270	0.4490	8.24
SS-11	10/12/15	8'	<0.200	<50	<200	<0.002	<0.002	<0.002	0.015	0.1700	9.24*
SS-12	10/12/15	10'	12.4	<50	<200	<0.002	<0.002	<0.002	0.596	0.2820	8.15
SS-13	10/12/15	8'	112	140	<200	<0.002	<0.002	0.307	5.000	0.2810	8.56
SS-14	10/12/15	10'	19.8	<50	<200	0.061	<0.050	0.060	0.728	0.2190	8.55
SS-15	10/12/15	8'	42.1	<50	<200	<0.050	<0.050	<0.050	0.644	0.7950	9.01*
SS-16	10/12/15	10'	<5.00	<50	<200	<0.050	<0.050	<0.050	<0.050	0.2840	8.41
SS-17	10/12/15	8'	3500	690	<200	0.134	0.056	5.300	168.000	0.3080	8.77
SS-18	10/12/15	8'	72.6	150	<200	<0.050	<0.050	0.105	1.520	0.4800	8.32
SS-19	10/12/15	8'	207	390	<200	<0.050	<0.050	0.988	15.900	0.4610	8.18
SS-20	10/12/15	8'	808	820	<200	0.124	<0.050	1.470	45.300	0.4600	7.58
SS-21	10/12/15	10'	288	240	<200	0.254	0.499	0.786	14.200	0.2760	8.62
SS-21B	10/13/15	17'	20.9	<50	<200	0.134	0.128	0.096	1.810	0.4060	8.20
SS-22	10/12/15	8'	14	<50	<200	<0.050	<0.050	<0.050	<0.050	0.3530	8.41
SS23	10/13/15	8'	<5	<50	<200	<0.050	<0.050	<0.050	<0.050	0.4520	8.54
SS24	10/13/15	8'	<5	<50	<200	<0.050	<0.050	<0.050	<0.050	0.5530	7.76
SS25	10/14/15	10'	10.2	<50	<200	<0.050	<0.050	<0.050	<0.050	0.2750	9.15*

Notes:

TPH Total petroleum hydrocarbons

GRO Gasoline range hydrocarbons (C6 - C10)

DRO Diesel range organics (C10 - C28)

ORO Oil range organics (C28 - C36)

Bold cell indicates result exceeded Table 910-1

allowable concentration for the contaminant of concern

bgs

mg/kg

mmhos/cm

NA

COGCC

*

below ground surface

milligrams per kilogram (units for TPH and BTEX)

millimhos per centimeter

Not analyzed / not available

Colorado Oil and Gas Conservation Commission

Sample collected from below the designated root zone