

TABLE 1
SOIL SAMPLE ANALYTICAL AND FIELD RESULTS
FOUR WAY 1
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE, LP

Analyte	Groundwater Protection Values (GPV)	N-B01 @ 5'	E01 @ 7'	N01 @ 7'	S01 @ 7'	S-B01 @ 14'
		4/14/2016	4/19/2016	4/19/2016	4/19/2016	4/19/2016
Photoionization Detector Reading						
PID (ppm)	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons by USEPA Method 8015D						
TPH-GRO* (mg/kg)	500	<0.20	<5.0	<5.0	<0.20	150
TPH-DRO* (mg/kg)	500	<50	<25	<25	<25	67
TPH-RRO* (mg/kg)	500	<200	<100	<100	<100	<100
Soil Suitability for Reclamation						
EC (mmhos/cm)	4	0.0220	0.140	0.120	0.120	0.278
Sodium Adsorption Ratio (SAR)	6	NA	NA	NA	NA	NA
pH, Lab (pH units)	6-8.3	9.05	8.14	8.35	8.21	8.59
Boron (mg/L)	2	NA	NA	NA	NA	NA
Organic Concentrations in Soil (GPV for Soil)						
Benzene (mg/kg)	0.0026	<0.002	<0.05	<0.05	<0.002	0.24
Toluene (mg/kg)	0.69	<0.002	<0.05	<0.05	<0.002	<0.05
Ethylbenzene (mg/kg)	0.78	<0.002	<0.05	<0.05	<0.002	1.7
Xylenes, Total (mg/kg)	9.9	<0.002	<0.05	<0.05	<0.002	26
1,2,4-Trimethylbenzene (mg/kg)	0.0081	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene (mg/kg)	0.0087	NA	NA	NA	NA	NA
Acenaphthene (mg/Kg)	0.55	NA	NA	NA	NA	NA
Anthracene (mg/Kg)	5.8	NA	NA	NA	NA	NA
Benzo (a) anthracene (mg/Kg)	0.011	NA	NA	NA	NA	NA
Benzo (b) fluoranthene (mg/Kg)	0.3	NA	NA	NA	NA	NA
Benzo (k) fluoranthene (mg/Kg)	2.9	NA	NA	NA	NA	NA
Benzo (a) pyrene (mg/Kg)	0.24	NA	NA	NA	NA	NA
Chrysene (mg/Kg)	9	NA	NA	NA	NA	NA
Dibenz (a,h) anthracene (mg/Kg)	0.096	NA	NA	NA	NA	NA
Fluoranthene (mg/Kg)	8.9	NA	NA	NA	NA	NA
Fluorene (mg/Kg)	0.54	NA	NA	NA	NA	NA
Indeno (1,2,3-cd) pyrene (mg/Kg)	0.98	NA	NA	NA	NA	NA
1-Methylnaphthalene (mg/Kg)	0.006	NA	NA	NA	NA	NA
2-Methylnaphthalene (mg/Kg)	0.019	NA	NA	NA	NA	NA
Naphthalene (mg/Kg)	0.0038	NA	NA	NA	NA	NA
Pyrene (mg/Kg)	1.3	NA	NA	NA	NA	NA
Metals in Soils (GPV for Soil)						
Arsenic (mg/kg)	0.29	NA	NA	NA	NA	NA
Barium (mg/kg)	82	NA	NA	NA	NA	NA
Cadmium (mg/kg)	0.38	NA	NA	NA	NA	NA
Chromium, Hexavalent (mg/Kg)	0.00067	NA	NA	NA	NA	NA
Copper (mg/kg)	46	NA	NA	NA	NA	NA
Lead (mg/kg)	14	NA	NA	NA	NA	NA
Nickel (mg/kg)	26	NA	NA	NA	NA	NA
Selenium (mg/kg)	0.26	NA	NA	NA	NA	NA
Silver (mg/kg)	0.8	NA	NA	NA	NA	NA
Zinc (mg/kg)	370	NA	NA	NA	NA	NA

TABLE 1 (Continued)
SOIL SAMPLE ANALYTICAL AND FIELD RESULTS
FOUR WAY 1
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE, LP

Analyte	Groundwater Protection Values (GPV)	W01 @ 7'	B02 @ 20'	E02 @ 16'	N02 @ 16'	S02 @ 16'
		4/19/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016
Photoionization Detector Reading						
PID (ppm)	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons by USEPA Method 8015D						
TPH-GRO* (mg/kg)	500	<0.20	1500	<5.0	<5.0	350
TPH-DRO* (mg/kg)	500	<25	940	<25	<25	470
TPH-RRO* (mg/kg)	500	<100	<100	<100	<100	<100
Soil Suitability for Reclamation						
EC (mmhos/cm)	4	0.0830	0.116	0.161	0.191	0.150
Sodium Adsorption Ratio (SAR)	6	NA	NA	NA	NA	NA
pH, Lab (pH units)	6-8.3	8.00	9.92	8.47	8.71	8.62
Boron (mg/L)	2	NA	NA	NA	NA	NA
Organic Concentrations in Soil (GPV for Soil)						
Benzene (mg/kg)	0.0026	<0.002	1.8	<0.05	<0.05	0.06
Toluene (mg/kg)	0.69	<0.002	<0.05	<0.05	<0.05	<0.05
Ethylbenzene (mg/kg)	0.78	<0.002	14	<0.05	<0.05	3.4
Xylenes, Total (mg/kg)	9.9	<0.002	210	<0.05	<0.05	70
1,2,4-Trimethylbenzene (mg/kg)	0.0081	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene (mg/kg)	0.0087	NA	NA	NA	NA	NA
Acenaphthene (mg/Kg)	0.55	NA	NA	NA	NA	NA
Anthracene (mg/Kg)	5.8	NA	NA	NA	NA	NA
Benzo (a) anthracene (mg/Kg)	0.011	NA	NA	NA	NA	NA
Benzo (b) fluoranthene (mg/Kg)	0.3	NA	NA	NA	NA	NA
Benzo (k) fluoranthene (mg/Kg)	2.9	NA	NA	NA	NA	NA
Benzo (a) pyrene (mg/Kg)	0.24	NA	NA	NA	NA	NA
Chrysene (mg/Kg)	9	NA	NA	NA	NA	NA
Dibenz (a,h) anthracene (mg/Kg)	0.096	NA	NA	NA	NA	NA
Fluoranthene (mg/Kg)	8.9	NA	NA	NA	NA	NA
Fluorene (mg/Kg)	0.54	NA	NA	NA	NA	NA
Indeno (1,2,3-cd) pyrene (mg/Kg)	0.98	NA	NA	NA	NA	NA
1-Methylnaphthalene (mg/Kg)	0.006	NA	NA	NA	NA	NA
2-Methylnaphthalene (mg/Kg)	0.019	NA	NA	NA	NA	NA
Naphthalene (mg/Kg)	0.0038	NA	NA	NA	NA	NA
Pyrene (mg/Kg)	1.3	NA	NA	NA	NA	NA
Metals in Soils (GPV for Soil)						
Arsenic (mg/kg)	0.29	NA	NA	NA	NA	NA
Barium (mg/kg)	82	NA	NA	NA	NA	NA
Cadmium (mg/kg)	0.38	NA	NA	NA	NA	NA
Chromium, Hexavalent (mg/Kg)	0.00067	NA	NA	NA	NA	NA
Copper (mg/kg)	46	NA	NA	NA	NA	NA
Lead (mg/kg)	14	NA	NA	NA	NA	NA
Nickel (mg/kg)	26	NA	NA	NA	NA	NA
Selenium (mg/kg)	0.26	NA	NA	NA	NA	NA
Silver (mg/kg)	0.8	NA	NA	NA	NA	NA
Zinc (mg/kg)	370	NA	NA	NA	NA	NA

TABLE 1 (Continued)
SOIL SAMPLE ANALYTICAL AND FIELD RESULTS
FOUR WAY 1
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE, LP

Analyte	Groundwater Protection Values (GPV)	W02 @ 16'	S03 @ 16'	SB01 @ 20'	SB01 @ 28'	SB02 @ 20'
		4/20/2016	4/21/2016	5/5/2016	5/5/2016	5/5/2016
Photoionization Detector Reading						
PID (ppm)	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons by USEPA Method 8015D						
TPH-GRO* (mg/kg)	500	<0.20	<0.20	<0.20	<0.20	160
TPH-DRO* (mg/kg)	500	<25	<25	<25	<25	540
TPH-RRO* (mg/kg)	500	<100	<100	<100	<100	<100
Soil Suitability for Reclamation						
EC (mmhos/cm)	4	0.122	0.102	0.0596	0.0661	0.0545
Sodium Adsorption Ratio (SAR)	6	NA	NA	NA	NA	NA
pH, Lab (pH units)	6-8.3	8.30	7.68	7.50	7.46	7.31
Boron (mg/L)	2	NA	NA	NA	NA	NA
Organic Concentrations in Soil (GPV for Soil)						
Benzene (mg/kg)	0.0026	<0.002	<0.002	<0.002	<0.002	<0.05
Toluene (mg/kg)	0.69	<0.002	<0.002	<0.002	<0.002	<0.05
Ethylbenzene (mg/kg)	0.78	<0.002	<0.002	<0.002	<0.002	1.0
Xylenes, Total (mg/kg)	9.9	<0.002	<0.002	<0.002	<0.002	10
1,2,4-Trimethylbenzene (mg/kg)	0.0081	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene (mg/kg)	0.0087	NA	NA	NA	NA	NA
Acenaphthene (mg/Kg)	0.55	NA	NA	NA	NA	NA
Anthracene (mg/Kg)	5.8	NA	NA	NA	NA	NA
Benzo (a) anthracene (mg/Kg)	0.011	NA	NA	NA	NA	NA
Benzo (b) fluoranthene (mg/Kg)	0.3	NA	NA	NA	NA	NA
Benzo (k) fluoranthene (mg/Kg)	2.9	NA	NA	NA	NA	NA
Benzo (a) pyrene (mg/Kg)	0.24	NA	NA	NA	NA	NA
Chrysene (mg/Kg)	9	NA	NA	NA	NA	NA
Dibenz (a,h) anthracene (mg/Kg)	0.096	NA	NA	NA	NA	NA
Fluoranthene (mg/Kg)	8.9	NA	NA	NA	NA	NA
Fluorene (mg/Kg)	0.54	NA	NA	NA	NA	NA
Indeno (1,2,3-cd) pyrene (mg/Kg)	0.98	NA	NA	NA	NA	NA
1-Methylnaphthalene (mg/Kg)	0.006	NA	NA	NA	NA	NA
2-Methylnaphthalene (mg/Kg)	0.019	NA	NA	NA	NA	NA
Naphthalene (mg/Kg)	0.0038	NA	NA	NA	NA	NA
Pyrene (mg/Kg)	1.3	NA	NA	NA	NA	NA
Metals in Soils (GPV for Soil)						
Arsenic (mg/kg)	0.29	NA	NA	NA	NA	NA
Barium (mg/kg)	82	NA	NA	NA	NA	NA
Cadmium (mg/kg)	0.38	NA	NA	NA	NA	NA
Chromium, Hexavalent (mg/Kg)	0.00067	NA	NA	NA	NA	NA
Copper (mg/kg)	46	NA	NA	NA	NA	NA
Lead (mg/kg)	14	NA	NA	NA	NA	NA
Nickel (mg/kg)	26	NA	NA	NA	NA	NA
Selenium (mg/kg)	0.26	NA	NA	NA	NA	NA
Silver (mg/kg)	0.8	NA	NA	NA	NA	NA
Zinc (mg/kg)	370	NA	NA	NA	NA	NA

TABLE 1 (Continued)
SOIL SAMPLE ANALYTICAL AND FIELD RESULTS
FOUR WAY 1
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE, LP

Analyte	Groundwater Protection Values (GPV)	SB02 @ 24'	SB03@ 20'	SB03@ 28'	SB04@ 20'	SB04@ 28'
		5/5/2016	5/5/2016	5/5/2016	5/5/2016	5/5/2016
Photoionization Detector Reading						
PID (ppm)	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons by USEPA Method 8015D						
TPH-GRO* (mg/kg)	500	160	<5.0	<0.20	<0.20	<0.20
TPH-DRO* (mg/kg)	500	170	<25	<25	<25	<25
TPH-RRO* (mg/kg)	500	<100	<100	<100	<100	<100
Soil Suitability for Reclamation						
EC (mmhos/cm)	4	0.109	0.0641	0.0630	0.0410	0.0729
Sodium Adsorption Ratio (SAR)	6	NA	NA	NA	NA	NA
pH, Lab (pH units)	6-8.3	7.06	7.42	7.33	7.43	7.53
Boron (mg/L)	2	NA	NA	NA	NA	NA
Organic Concentrations in Soil (GPV for Soil)						
Benzene (mg/kg)	0.0026	<0.05	<0.05	<0.002	<0.002	<0.002
Toluene (mg/kg)	0.69	1.6	<0.05	<0.002	<0.002	<0.002
Ethylbenzene (mg/kg)	0.78	1.8	<0.05	<0.002	<0.002	<0.002
Xylenes, Total (mg/kg)	9.9	22	<0.05	<0.002	<0.002	<0.002
1,2,4-Trimethylbenzene (mg/kg)	0.0081	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene (mg/kg)	0.0087	NA	NA	NA	NA	NA
Acenaphthene (mg/Kg)	0.55	NA	NA	NA	NA	NA
Anthracene (mg/Kg)	5.8	NA	NA	NA	NA	NA
Benzo (a) anthracene (mg/Kg)	0.011	NA	NA	NA	NA	NA
Benzo (b) fluoranthene (mg/Kg)	0.3	NA	NA	NA	NA	NA
Benzo (k) fluoranthene (mg/Kg)	2.9	NA	NA	NA	NA	NA
Benzo (a) pyrene (mg/Kg)	0.24	NA	NA	NA	NA	NA
Chrysene (mg/Kg)	9	NA	NA	NA	NA	NA
Dibenz (a,h) anthracene (mg/Kg)	0.096	NA	NA	NA	NA	NA
Fluoranthene (mg/Kg)	8.9	NA	NA	NA	NA	NA
Fluorene (mg/Kg)	0.54	NA	NA	NA	NA	NA
Indeno (1,2,3-cd) pyrene (mg/Kg)	0.98	NA	NA	NA	NA	NA
1-Methylnaphthalene (mg/Kg)	0.006	NA	NA	NA	NA	NA
2-Methylnaphthalene (mg/Kg)	0.019	NA	NA	NA	NA	NA
Naphthalene (mg/Kg)	0.0038	NA	NA	NA	NA	NA
Pyrene (mg/Kg)	1.3	NA	NA	NA	NA	NA
Metals in Soils (GPV for Soil)						
Arsenic (mg/kg)	0.29	NA	NA	NA	NA	NA
Barium (mg/kg)	82	NA	NA	NA	NA	NA
Cadmium (mg/kg)	0.38	NA	NA	NA	NA	NA
Chromium, Hexavalent (mg/Kg)	0.00067	NA	NA	NA	NA	NA
Copper (mg/kg)	46	NA	NA	NA	NA	NA
Lead (mg/kg)	14	NA	NA	NA	NA	NA
Nickel (mg/kg)	26	NA	NA	NA	NA	NA
Selenium (mg/kg)	0.26	NA	NA	NA	NA	NA
Silver (mg/kg)	0.8	NA	NA	NA	NA	NA
Zinc (mg/kg)	370	NA	NA	NA	NA	NA

TABLE 1 (Continued)
SOIL SAMPLE ANALYTICAL AND FIELD RESULTS
FOUR WAY 1
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE, LP

Analyte	Groundwater Protection Values (GPV)	SB05@ 20'	SB05@ 24'	B03 @ 25'	N03 @ 22'	S04 @ 22'
		5/5/2016	5/5/2016	6/7/2016	6/8/2016	6/8/2016
Photoionization Detector Reading						
PID (ppm)	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons by USEPA Method 8015D						
TPH-GRO* (mg/kg)	500	<0.20	<0.20	<0.200	<5.00	<5.00
TPH-DRO* (mg/kg)	500	<25	<25	<25.0	<25.0	<25.0
TPH-RRO* (mg/kg)	500	<100	<100	<100	<100	<100
Soil Suitability for Reclamation						
EC (mmhos/cm)	4	0.0697	0.102	0.0528	0.110	0.103
Sodium Adsorption Ratio (SAR)	6	NA	NA	NA	NA	NA
pH, Lab (pH units)	6-8.3	8.17	7.75	8.26	7.50	7.80
Boron (mg/L)	2	NA	NA	NA	NA	NA
Organic Concentrations in Soil (GPV for Soil)						
Benzene (mg/kg)	0.0026	<0.002	<0.002	<0.002	<0.050	<0.050
Toluene (mg/kg)	0.69	<0.002	<0.002	<0.002	<0.050	<0.050
Ethylbenzene (mg/kg)	0.78	<0.002	<0.002	0.004	<0.050	<0.050
Xylenes, Total (mg/kg)	9.9	<0.002	<0.002	0.005	<0.050	<0.050
1,2,4-Trimethylbenzene (mg/kg)	0.0081	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene (mg/kg)	0.0087	NA	NA	NA	NA	NA
Acenaphthene (mg/Kg)	0.55	NA	NA	NA	NA	NA
Anthracene (mg/Kg)	5.8	NA	NA	NA	NA	NA
Benzo (a) anthracene (mg/Kg)	0.011	NA	NA	NA	NA	NA
Benzo (b) fluoranthene (mg/Kg)	0.3	NA	NA	NA	NA	NA
Benzo (k) fluoranthene (mg/Kg)	2.9	NA	NA	NA	NA	NA
Benzo (a) pyrene (mg/Kg)	0.24	NA	NA	NA	NA	NA
Chrysene (mg/Kg)	9	NA	NA	NA	NA	NA
Dibenz (a,h) anthracene (mg/Kg)	0.096	NA	NA	NA	NA	NA
Fluoranthene (mg/Kg)	8.9	NA	NA	NA	NA	NA
Fluorene (mg/Kg)	0.54	NA	NA	NA	NA	NA
Indeno (1,2,3-cd) pyrene (mg/Kg)	0.98	NA	NA	NA	NA	NA
1-Methylnaphthalene (mg/Kg)	0.006	NA	NA	NA	NA	NA
2-Methylnaphthalene (mg/Kg)	0.019	NA	NA	NA	NA	NA
Naphthalene (mg/Kg)	0.0038	NA	NA	NA	NA	NA
Pyrene (mg/Kg)	1.3	NA	NA	NA	NA	NA
Metals in Soils (GPV for Soil)						
Arsenic (mg/kg)	0.29	NA	NA	NA	NA	NA
Barium (mg/kg)	82	NA	NA	NA	NA	NA
Cadmium (mg/kg)	0.38	NA	NA	NA	NA	NA
Chromium, Hexavalent (mg/Kg)	0.00067	NA	NA	NA	NA	NA
Copper (mg/kg)	46	NA	NA	NA	NA	NA
Lead (mg/kg)	14	NA	NA	NA	NA	NA
Nickel (mg/kg)	26	NA	NA	NA	NA	NA
Selenium (mg/kg)	0.26	NA	NA	NA	NA	NA
Silver (mg/kg)	0.8	NA	NA	NA	NA	NA
Zinc (mg/kg)	370	NA	NA	NA	NA	NA

TABLE 1 (Continued)
SOIL SAMPLE ANALYTICAL AND FIELD RESULTS
FOUR WAY 1
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE, LP

Analyte	Groundwater Protection Values (GPV)	TP04 @ 28'	TP05 @ 30'	TP06 @ 35'	TP07 @ 30'	TP08 @ 35'
		6/8/2016	6/8/2016	6/9/2016	6/9/2016	6/9/2016
Photoionization Detector Reading						
PID (ppm)	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons by USEPA Method 8015D						
TPH-GRO* (mg/kg)	500	819	1040	3500	9340	2240
TPH-DRO* (mg/kg)	500	844	686	4810	7220	3440
TPH-RRO* (mg/kg)	500	<100	<100	<100	<100	<100
Soil Suitability for Reclamation						
EC (mmhos/cm)	4	0.188	0.151	0.221	0.609	0.552
Sodium Adsorption Ratio (SAR)	6	NA	NA	NA	NA	NA
pH, Lab (pH units)	6-8.3	7.94	7.90	9.10	8.67	8.54
Boron (mg/L)	2	NA	NA	NA	NA	NA
Organic Concentrations in Soil (GPV for Soil)						
Benzene (mg/kg)	0.0026	0.796	1.68	5.84	12.5	2.14
Toluene (mg/kg)	0.69	<0.050	0.814	210	272	75.9
Ethylbenzene (mg/kg)	0.78	7.52	8.53	32.6	70.9	18.7
Xylenes, Total (mg/kg)	9.9	142	148	920	2250	271
1,2,4-Trimethylbenzene (mg/kg)	0.0081	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene (mg/kg)	0.0087	NA	NA	NA	NA	NA
Acenaphthene (mg/Kg)	0.55	NA	NA	NA	NA	NA
Anthracene (mg/Kg)	5.8	NA	NA	NA	NA	NA
Benzo (a) anthracene (mg/Kg)	0.011	NA	NA	NA	NA	NA
Benzo (b) fluoranthene (mg/Kg)	0.3	NA	NA	NA	NA	NA
Benzo (k) fluoranthene (mg/Kg)	2.9	NA	NA	NA	NA	NA
Benzo (a) pyrene (mg/Kg)	0.24	NA	NA	NA	NA	NA
Chrysene (mg/Kg)	9	NA	NA	NA	NA	NA
Dibenz (a,h) anthracene (mg/Kg)	0.096	NA	NA	NA	NA	NA
Fluoranthene (mg/Kg)	8.9	NA	NA	NA	NA	NA
Fluorene (mg/Kg)	0.54	NA	NA	NA	NA	NA
Indeno (1,2,3-cd) pyrene (mg/Kg)	0.98	NA	NA	NA	NA	NA
1-Methylnaphthalene (mg/Kg)	0.006	NA	NA	NA	NA	NA
2-Methylnaphthalene (mg/Kg)	0.019	NA	NA	NA	NA	NA
Naphthalene (mg/Kg)	0.0038	NA	NA	NA	NA	NA
Pyrene (mg/Kg)	1.3	NA	NA	NA	NA	NA
Metals in Soils (GPV for Soil)						
Arsenic (mg/kg)	0.29	NA	NA	NA	NA	NA
Barium (mg/kg)	82	NA	NA	NA	NA	NA
Cadmium (mg/kg)	0.38	NA	NA	NA	NA	NA
Chromium, Hexavalent (mg/Kg)	0.00067	NA	NA	NA	NA	NA
Copper (mg/kg)	46	NA	NA	NA	NA	NA
Lead (mg/kg)	14	NA	NA	NA	NA	NA
Nickel (mg/kg)	26	NA	NA	NA	NA	NA
Selenium (mg/kg)	0.26	NA	NA	NA	NA	NA
Silver (mg/kg)	0.8	NA	NA	NA	NA	NA
Zinc (mg/kg)	370	NA	NA	NA	NA	NA

TABLE 1 (Continued)
SOIL SAMPLE ANALYTICAL AND FIELD RESULTS
FOUR WAY 1
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE, LP

Analyte	Groundwater Protection Values (GPV)	TP09 @ 30'	TP10 @ 35'	SB06 @ 35'	SB06 @ 45'	SB07 @ 31'
		6/9/2016	6/9/2016	8/3/2016	8/3/2016	8/3/2016
Photoionization Detector Reading						
PID (ppm)	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons by USEPA Method 8015D						
TPH-GRO* (mg/kg)	500	5.23	239	<5.00	<5.00	4750
TPH-DRO* (mg/kg)	500	<25.0	353	<25.0	<25.0	1180
TPH-RRO* (mg/kg)	500	<100	<100	<100	<100	<100
Soil Suitability for Reclamation						
EC (mmhos/cm)	4	0.195	0.426	NA	NA	NA
Sodium Adsorption Ratio (SAR)	6	NA	NA	NA	NA	NA
pH, Lab (pH units)	6-8.3	8.28	7.95	NA	NA	NA
Boron (mg/L)	2	NA	NA	NA	NA	NA
Organic Concentrations in Soil (GPV for Soil)						
Benzene (mg/kg)	0.0026	<0.050	0.050	<0.050	<0.050	3.37
Toluene (mg/kg)	0.69	<0.050	0.470	<0.050	<0.050	86.6
Ethylbenzene (mg/kg)	0.78	0.072	1.56	<0.050	<0.050	36.4
Xylenes, Total (mg/kg)	9.9	0.117	38.9	0.154	0.112	836
1,2,4-Trimethylbenzene (mg/kg)	0.0081	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene (mg/kg)	0.0087	NA	NA	NA	NA	NA
Acenaphthene (mg/Kg)	0.55	NA	NA	NA	NA	NA
Anthracene (mg/Kg)	5.8	NA	NA	NA	NA	NA
Benzo (a) anthracene (mg/Kg)	0.011	NA	NA	NA	NA	NA
Benzo (b) fluoranthene (mg/Kg)	0.3	NA	NA	NA	NA	NA
Benzo (k) fluoranthene (mg/Kg)	2.9	NA	NA	NA	NA	NA
Benzo (a) pyrene (mg/Kg)	0.24	NA	NA	NA	NA	NA
Chrysene (mg/Kg)	9	NA	NA	NA	NA	NA
Dibenz (a,h) anthracene (mg/Kg)	0.096	NA	NA	NA	NA	NA
Fluoranthene (mg/Kg)	8.9	NA	NA	NA	NA	NA
Fluorene (mg/Kg)	0.54	NA	NA	NA	NA	NA
Indeno (1,2,3-cd) pyrene (mg/Kg)	0.98	NA	NA	NA	NA	NA
1-Methylnaphthalene (mg/Kg)	0.006	NA	NA	NA	NA	NA
2-Methylnaphthalene (mg/Kg)	0.019	NA	NA	NA	NA	NA
Naphthalene (mg/Kg)	0.0038	NA	NA	NA	NA	NA
Pyrene (mg/Kg)	1.3	NA	NA	NA	NA	NA
Metals in Soils (GPV for Soil)						
Arsenic (mg/kg)	0.29	NA	NA	NA	NA	NA
Barium (mg/kg)	82	NA	NA	NA	NA	NA
Cadmium (mg/kg)	0.38	NA	NA	NA	NA	NA
Chromium, Hexavalent (mg/Kg)	0.00067	NA	NA	NA	NA	NA
Copper (mg/kg)	46	NA	NA	NA	NA	NA
Lead (mg/kg)	14	NA	NA	NA	NA	NA
Nickel (mg/kg)	26	NA	NA	NA	NA	NA
Selenium (mg/kg)	0.26	NA	NA	NA	NA	NA
Silver (mg/kg)	0.8	NA	NA	NA	NA	NA
Zinc (mg/kg)	370	NA	NA	NA	NA	NA

TABLE 1 (Continued)
SOIL SAMPLE ANALYTICAL AND FIELD RESULTS
FOUR WAY 1
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE, LP

Analyte	Groundwater Protection Values (GPV)	SB07 @ 37'	SB07 @ 45'	SB08@25'	SB08@35'	SB08@39'
		8/3/2016	8/3/2016	8/4/2016	8/4/2016	8/4/2016
Photoionization Detector Reading						
PID (ppm)	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons by USEPA Method 8015D						
TPH-GRO* (mg/kg)	500	899	27.5	<0.200	<5.00	<5.00
TPH-DRO* (mg/kg)	500	770	30.6	<25.0	<25.0	<25.0
TPH-RRO* (mg/kg)	500	<100	<100	<100	<100	<100
Soil Suitability for Reclamation						
EC (mmhos/cm)	4	NA	NA	NA	NA	NA
Sodium Adsorption Ratio (SAR)	6	NA	NA	NA	NA	NA
pH, Lab (pH units)	6-8.3	NA	NA	NA	NA	NA
Boron (mg/L)	2	NA	NA	NA	NA	NA
Organic Concentrations in Soil (GPV for Soil)						
Benzene (mg/kg)	0.0026	<0.050	<0.050	<0.002	<0.050	<0.050
Toluene (mg/kg)	0.69	2.93	<0.050	<0.002	<0.050	<0.050
Ethylbenzene (mg/kg)	0.78	2.75	<0.050	<0.002	<0.050	<0.050
Xylenes, Total (mg/kg)	9.9	62.4	0.409	<0.002	<0.050	<0.050
1,2,4-Trimethylbenzene (mg/kg)	0.0081	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene (mg/kg)	0.0087	NA	NA	NA	NA	NA
Acenaphthene (mg/Kg)	0.55	NA	NA	NA	NA	NA
Anthracene (mg/Kg)	5.8	NA	NA	NA	NA	NA
Benzo (a) anthracene (mg/Kg)	0.011	NA	NA	NA	NA	NA
Benzo (b) fluoranthene (mg/Kg)	0.3	NA	NA	NA	NA	NA
Benzo (k) fluoranthene (mg/Kg)	2.9	NA	NA	NA	NA	NA
Benzo (a) pyrene (mg/Kg)	0.24	NA	NA	NA	NA	NA
Chrysene (mg/Kg)	9	NA	NA	NA	NA	NA
Dibenz (a,h) anthracene (mg/Kg)	0.096	NA	NA	NA	NA	NA
Fluoranthene (mg/Kg)	8.9	NA	NA	NA	NA	NA
Fluorene (mg/Kg)	0.54	NA	NA	NA	NA	NA
Indeno (1,2,3-cd) pyrene (mg/Kg)	0.98	NA	NA	NA	NA	NA
1-Methylnaphthalene (mg/Kg)	0.006	NA	NA	NA	NA	NA
2-Methylnaphthalene (mg/Kg)	0.019	NA	NA	NA	NA	NA
Naphthalene (mg/Kg)	0.0038	NA	NA	NA	NA	NA
Pyrene (mg/Kg)	1.3	NA	NA	NA	NA	NA
Metals in Soils (GPV for Soil)						
Arsenic (mg/kg)	0.29	NA	NA	NA	NA	NA
Barium (mg/kg)	82	NA	NA	NA	NA	NA
Cadmium (mg/kg)	0.38	NA	NA	NA	NA	NA
Chromium, Hexavalent (mg/Kg)	0.00067	NA	NA	NA	NA	NA
Copper (mg/kg)	46	NA	NA	NA	NA	NA
Lead (mg/kg)	14	NA	NA	NA	NA	NA
Nickel (mg/kg)	26	NA	NA	NA	NA	NA
Selenium (mg/kg)	0.26	NA	NA	NA	NA	NA
Silver (mg/kg)	0.8	NA	NA	NA	NA	NA
Zinc (mg/kg)	370	NA	NA	NA	NA	NA

TABLE 1 (Continued)
SOIL SAMPLE ANALYTICAL AND FIELD RESULTS
FOUR WAY 1
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE, LP

Analyte	Groundwater Protection Values (GPV)	SB09 @ 35'	SB09 @ 37'	SB09 @ 45'	SB10 @ 34'	SB10 @ 36'
		8/5/2016	8/5/2016	8/5/2016	8/5/2016	8/5/2016
Photoionization Detector Reading						
PID (ppm)	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons by USEPA Method 8015D						
TPH-GRO* (mg/kg)	500	4550	12.3	3020	<0.200	5.23
TPH-DRO* (mg/kg)	500	2650	<25.0	2700	<25.0	<25.0
TPH-RRO* (mg/kg)	500	<100	<100	<100	<100	<100
Soil Suitability for Reclamation						
EC (mmhos/cm)	4	NA	NA	NA	NA	NA
Sodium Adsorption Ratio (SAR)	6	NA	NA	NA	NA	NA
pH, Lab (pH units)	6-8.3	NA	NA	NA	NA	NA
Boron (mg/L)	2	NA	NA	NA	NA	NA
Organic Concentrations in Soil (GPV for Soil)						
Benzene (mg/kg)	0.0026	9.12	0.408	1.39	<0.002	<0.050
Toluene (mg/kg)	0.69	222	1.31	50.2	<0.002	<0.050
Ethylbenzene (mg/kg)	0.78	49.0	0.078	20.9	<0.002	0.130
Xylenes, Total (mg/kg)	9.9	818	1.33	473	<0.002	0.174
1,2,4-Trimethylbenzene (mg/kg)	0.0081	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene (mg/kg)	0.0087	NA	NA	NA	NA	NA
Acenaphthene (mg/Kg)	0.55	NA	NA	NA	NA	NA
Anthracene (mg/Kg)	5.8	NA	NA	NA	NA	NA
Benzo (a) anthracene (mg/Kg)	0.011	NA	NA	NA	NA	NA
Benzo (b) fluoranthene (mg/Kg)	0.3	NA	NA	NA	NA	NA
Benzo (k) fluoranthene (mg/Kg)	2.9	NA	NA	NA	NA	NA
Benzo (a) pyrene (mg/Kg)	0.24	NA	NA	NA	NA	NA
Chrysene (mg/Kg)	9	NA	NA	NA	NA	NA
Dibenz (a,h) anthracene (mg/Kg)	0.096	NA	NA	NA	NA	NA
Fluoranthene (mg/Kg)	8.9	NA	NA	NA	NA	NA
Fluorene (mg/Kg)	0.54	NA	NA	NA	NA	NA
Indeno (1,2,3-cd) pyrene (mg/Kg)	0.98	NA	NA	NA	NA	NA
1-Methylnaphthalene (mg/Kg)	0.006	NA	NA	NA	NA	NA
2-Methylnaphthalene (mg/Kg)	0.019	NA	NA	NA	NA	NA
Naphthalene (mg/Kg)	0.0038	NA	NA	NA	NA	NA
Pyrene (mg/Kg)	1.3	NA	NA	NA	NA	NA
Metals in Soils (GPV for Soil)						
Arsenic (mg/kg)	0.29	NA	NA	NA	NA	NA
Barium (mg/kg)	82	NA	NA	NA	NA	NA
Cadmium (mg/kg)	0.38	NA	NA	NA	NA	NA
Chromium, Hexavalent (mg/Kg)	0.00067	NA	NA	NA	NA	NA
Copper (mg/kg)	46	NA	NA	NA	NA	NA
Lead (mg/kg)	14	NA	NA	NA	NA	NA
Nickel (mg/kg)	26	NA	NA	NA	NA	NA
Selenium (mg/kg)	0.26	NA	NA	NA	NA	NA
Silver (mg/kg)	0.8	NA	NA	NA	NA	NA
Zinc (mg/kg)	370	NA	NA	NA	NA	NA

TABLE 1 (Continued)
SOIL SAMPLE ANALYTICAL AND FIELD RESULTS
FOUR WAY 1
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE, LP

Analyte	Groundwater Protection Values (GPV)	SB10 @ 45'	SB11 @ 35'	SB11 @ 45'	MW01R@20'	MW01R@35'
		8/5/2016	8/8/2016	8/8/2016	6/8/2022	6/8/2022
Photoionization Detector Reading						
PID (ppm)	NA	NA	NA	NA	0.0	0.0
Total Petroleum Hydrocarbons by USEPA Method 8015D						
TPH-GRO* (mg/kg)	500	<5.00	<5.00	<5.00	<0.200	<0.200
TPH-DRO* (mg/kg)	500	<25.0	<25.0	<25.0	<25.0	<25.0
TPH-RRO* (mg/kg)	500	<100	<100	<100	<100	<100
Soil Suitability for Reclamation						
EC (mmhos/cm)	4	NA	NA	NA	0.532	0.526
Sodium Adsorption Ratio (SAR)	6	NA	NA	NA	0.918	1.06
pH, Lab (pH units)	6-8.3	NA	NA	NA	7.85	8.12
Boron (mg/L)	2	NA	NA	NA	0.299	0.142
Organic Concentrations in Soil (GPV for Soil)						
Benzene (mg/kg)	0.0026	<0.050	<0.050	<0.050	<0.00200	<0.00200
Toluene (mg/kg)	0.69	<0.050	<0.050	<0.050	<0.00200	<0.00200
Ethylbenzene (mg/kg)	0.78	0.090	<0.050	<0.050	<0.00200	<0.00200
Xylenes, Total (mg/kg)	9.9	0.120	<0.050	<0.050	<0.00200	<0.00200
1,2,4-Trimethylbenzene (mg/kg)	0.0081	NA	NA	NA	<0.00200	<0.00200
1,3,5-Trimethylbenzene (mg/kg)	0.0087	NA	NA	NA	<0.00200	<0.00200
Acenaphthene (mg/Kg)	0.55	NA	NA	NA	<0.00067	<0.00067
Anthracene (mg/Kg)	5.8	NA	NA	NA	<0.00067	<0.00067
Benzo (a) anthracene (mg/Kg)	0.011	NA	NA	NA	<0.00067	<0.00067
Benzo (b) fluoranthene (mg/Kg)	0.3	NA	NA	NA	<0.00067	<0.00067
Benzo (k) fluoranthene (mg/Kg)	2.9	NA	NA	NA	<0.00067	<0.00067
Benzo (a) pyrene (mg/Kg)	0.24	NA	NA	NA	<0.00067	<0.00067
Chrysene (mg/Kg)	9	NA	NA	NA	<0.00067	<0.00067
Dibenz (a,h) anthracene (mg/Kg)	0.096	NA	NA	NA	<0.00067	<0.00067
Fluoranthene (mg/Kg)	8.9	NA	NA	NA	<0.00067	<0.00067
Fluorene (mg/Kg)	0.54	NA	NA	NA	<0.00067	<0.00067
Indeno (1,2,3-cd) pyrene (mg/Kg)	0.98	NA	NA	NA	<0.00067	<0.00067
1-Methylnaphthalene (mg/Kg)	0.006	NA	NA	NA	<0.00067	<0.00067
2-Methylnaphthalene (mg/Kg)	0.019	NA	NA	NA	<0.00067	<0.00067
Naphthalene (mg/Kg)	0.0038	NA	NA	NA	<0.00067	<0.00067
Pyrene (mg/Kg)	1.3	NA	NA	NA	<0.00067	<0.00067
Metals in Soils (GPV for Soil)						
Arsenic (mg/kg)	0.29	NA	NA	NA	1.49	1.35
Barium (mg/kg)	82	NA	NA	NA	48.0	96.8
Cadmium (mg/kg)	0.38	NA	NA	NA	<0.100	<0.100
Chromium, Hexavalent (mg/Kg)	0.00067	NA	NA	NA	<0.5	<0.5
Copper (mg/kg)	46	NA	NA	NA	<10.0	<10.0
Lead (mg/kg)	14	NA	NA	NA	15.3	14.0
Nickel (mg/kg)	26	NA	NA	NA	1.62	4.05
Selenium (mg/kg)	0.26	NA	NA	NA	<0.100	0.103
Silver (mg/kg)	0.8	NA	NA	NA	<0.100	<0.100
Zinc (mg/kg)	370	NA	NA	NA	20.0	25.2

TABLE 1 (Continued)
SOIL SAMPLE ANALYTICAL AND FIELD RESULTS
FOUR WAY 1
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE, LP

Analyte	Groundwater Protection Values (GPV)	SB12@30'	SB12@35'	SB13@31'	SB13@37'	SB14@28'
		6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022
Photoionization Detector Reading						
PID (ppm)	NA	89.3	8.6	4959	4059	4918
Total Petroleum Hydrocarbons by USEPA Method 8015D						
TPH-GRO* (mg/kg)	500	<0.200	<0.200	1570	371	1160
TPH-DRO* (mg/kg)	500	<25.0	<25.0	848	351	619
TPH-RRO* (mg/kg)	500	<100	<100	<100	<100	<100
Soil Suitability for Reclamation						
EC (mmhos/cm)	4	2.71	1.14	4.00	2.21	2.96
Sodium Adsorption Ratio (SAR)	6	7.61	7.24	26.5	14.0	30.6
pH, Lab (pH units)	6-8.3	8.35	8.45	8.25	8.34	8.47
Boron (mg/L)	2	0.664	<0.100	2.33	0.461	3.46
Organic Concentrations in Soil (GPV for Soil)						
Benzene (mg/kg)	0.0026	<0.00200	<0.00200	<0.500	<0.0500	0.760
Toluene (mg/kg)	0.69	0.00390	<0.00200	9.15	0.0565	39.3
Ethylbenzene (mg/kg)	0.78	<0.00200	<0.00200	14.9	0.178	15.5
Xylenes, Total (mg/kg)	9.9	0.0188	<0.00200	334	12.9	296
1,2,4-Trimethylbenzene (mg/kg)	0.0081	0.00264	<0.00200	79.7	14.2	57.7
1,3,5-Trimethylbenzene (mg/kg)	0.0087	<0.00200	<0.00200	56.0	9.90	40.7
Acenaphthene (mg/Kg)	0.55	<0.00067	<0.00335	0.0727	0.149	0.0886
Anthracene (mg/Kg)	5.8	<0.00067	<0.00335	0.0034	0.00577	0.001
Benzo (a) anthracene (mg/Kg)	0.011	<0.00067	<0.00335	<0.00335	<0.00335	<0.00067
Benzo (b) fluoranthene (mg/Kg)	0.3	<0.00067	<0.00335	<0.00335	<0.00335	<0.00067
Benzo (k) fluoranthene (mg/Kg)	2.9	<0.00067	<0.00335	<0.00335	<0.00335	<0.00067
Benzo (a) pyrene (mg/Kg)	0.24	<0.00067	<0.00335	<0.00335	<0.00335	<0.00067
Chrysene (mg/Kg)	9	<0.00067	<0.00335	<0.00335	<0.00335	0.00179
Dibenz (a,h) anthracene (mg/Kg)	0.096	<0.00067	<0.00335	<0.00335	<0.00335	<0.00067
Fluoranthene (mg/Kg)	8.9	<0.00067	<0.00335	<0.00335	<0.00335	0.000484
Fluorene (mg/Kg)	0.54	<0.00067	<0.00335	0.101	0.202	0.135
Indeno (1,2,3-cd) pyrene (mg/Kg)	0.98	<0.00067	<0.00335	<0.00335	<0.00335	<0.00067
1-Methylnaphthalene (mg/Kg)	0.006	<0.00067	<0.00335	0.752	2.52	1.15
2-Methylnaphthalene (mg/Kg)	0.019	<0.00067	<0.00335	2.22	5.04	3.08
Naphthalene (mg/Kg)	0.0038	<0.00067	<0.00335	0.618	2.34	1.02
Pyrene (mg/Kg)	1.3	<0.00067	<0.00335	<0.00335	0.00455	0.00334
Metals in Soils (GPV for Soil)						
Arsenic (mg/kg)	0.29	3.91	2.55	4.12	5.23	4.91
Barium (mg/kg)	82	130	32.4	108	51.3	97.8
Cadmium (mg/kg)	0.38	0.103	<0.100	0.279	0.156	0.102
Chromium, Hexavalent (mg/Kg)	0.00067	<0.515	<0.5	<0.501	<0.512	<0.501
Copper (mg/kg)	46	<10.0	<10.0	<10.0	<10.0	<10.0
Lead (mg/kg)	14	8.81	3.62	7.19	6.70	7.74
Nickel (mg/kg)	26	10.5	2.73	15.5	5.84	8.00
Selenium (mg/kg)	0.26	0.119	0.124	0.122	0.118	0.194
Silver (mg/kg)	0.8	<0.100	<0.100	<0.100	<0.100	<0.100
Zinc (mg/kg)	370	39.3	12.6	33.2	28.1	30.8

TABLE 1 (Continued)
SOIL SAMPLE ANALYTICAL AND FIELD RESULTS
FOUR WAY 1
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE, LP

Analyte	Groundwater Protection Values (GPV)	SB14@30'	SB14@35'	SB15@35'	SB15@37'	SB15@47'
		6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022
Photoionization Detector Reading						
PID (ppm)	NA	6296	7141	5295	4729	3481
Total Petroleum Hydrocarbons by USEPA Method 8015D						
TPH-GRO* (mg/kg)	500	821	624	879	972	713
TPH-DRO* (mg/kg)	500	354	408	362	676	826
TPH-RRO* (mg/kg)	500	<100	<100	<100	<100	<100
Soil Suitability for Reclamation						
EC (mmhos/cm)	4	1.77	2.26	2.67	3.23	1.27
Sodium Adsorption Ratio (SAR)	6	14.5	25.7	3.42	3.49	2.97
pH, Lab (pH units)	6-8.3	8.25	8.59	7.82	7.87	8.13
Boron (mg/L)	2	1.31	1.44	0.463	0.424	0.180
Organic Concentrations in Soil (GPV for Soil)						
Benzene (mg/kg)	0.0026	<0.500	<0.500	<0.500	0.535	<0.500
Toluene (mg/kg)	0.69	10.1	10.5	28.1	31.1	1.13
Ethylbenzene (mg/kg)	0.78	13.2	5.83	11.0	11.8	1.75
Xylenes, Total (mg/kg)	9.9	318	120	222	237	78.0
1,2,4-Trimethylbenzene (mg/kg)	0.0081	58.9	27.4	45.8	48.5	33.9
1,3,5-Trimethylbenzene (mg/kg)	0.0087	41.1	19.1	32.3	35.2	30.0
Acenaphthene (mg/Kg)	0.55	0.0606	0.0778	0.0422	0.0682	0.0812
Anthracene (mg/Kg)	5.8	0.00112	0.00138	0.000679	<0.00335	0.0032
Benzo (a) anthracene (mg/Kg)	0.011	<0.00067	<0.00067	<0.00067	<0.00335	<0.00335
Benzo (b) fluoranthene (mg/Kg)	0.3	<0.00067	<0.00067	<0.00067	<0.00335	<0.00335
Benzo (k) fluoranthene (mg/Kg)	2.9	<0.00067	<0.00067	<0.00067	<0.00335	<0.00335
Benzo (a) pyrene (mg/Kg)	0.24	<0.00067	<0.00067	<0.00067	<0.00335	<0.00335
Chrysene (mg/Kg)	9	0.00123	0.00167	0.000963	<0.00335	<0.00335
Dibenz (a,h) anthracene (mg/Kg)	0.096	<0.00067	<0.00067	<0.00067	<0.00335	<0.00335
Fluoranthene (mg/Kg)	8.9	0.00042	0.000436	<0.00067	<0.00335	<0.00335
Fluorene (mg/Kg)	0.54	0.091	0.119	0.062	0.0836	0.138
Indeno (1,2,3-cd) pyrene (mg/Kg)	0.98	<0.00067	<0.00067	<0.00067	<0.00335	<0.00335
1-Methylnaphthalene (mg/Kg)	0.006	0.815	1.01	0.47	0.488	0.682
2-Methylnaphthalene (mg/Kg)	0.019	2.13	2.7	1.09	1.07	0.852
Naphthalene (mg/Kg)	0.0038	0.781	0.82	0.3	0.295	0.366
Pyrene (mg/Kg)	1.3	0.00229	0.00294	0.00154	<0.00335	0.00608
Metals in Soils (GPV for Soil)						
Arsenic (mg/kg)	0.29	3.53	3.29	4.81	5.76	2.58
Barium (mg/kg)	82	127	79.2	188	143	148
Cadmium (mg/kg)	0.38	0.108	<0.100	0.169	0.116	<0.100
Chromium, Hexavalent (mg/Kg)	0.00067	<0.513	<0.5	<0.5	<0.5	<0.51
Copper (mg/kg)	46	<10.0	<10.0	10.7	10.8	<10.0
Lead (mg/kg)	14	6.69	5.89	7.72	8.36	8.18
Nickel (mg/kg)	26	7.73	6.13	9.65	10.7	6.51
Selenium (mg/kg)	0.26	0.103	<0.100	0.152	0.160	<0.100
Silver (mg/kg)	0.8	<0.100	<0.100	<0.100	<0.100	<0.100
Zinc (mg/kg)	370	30.7	24.9	36.0	37.2	39.0

TABLE 1 (Continued)
SOIL SAMPLE ANALYTICAL AND FIELD RESULTS
FOUR WAY 1
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE, LP

Notes:

GPV - groundwater protection values
mg/kg - milligrams per kilogram
PID - Photoionization Detector
ppm - parts per million
TPH - total petroleum hydrocarbons
GRO - gasoline range organics
DRO - diesel range organics
RRO - residual range organics

EC - electrical conductivity
SAR - sodium adsorption ratio
mmhos/cm - millimhos per centimeter
<0.00200 - less than laboratory reporting limit
NA - Not Applicable / Not Analyzed
Bold indicates value exceeds Table 915 Groundwater Protection limits
*Allowable level for TPH is 500 mg/kg for combined GRO, DRO,
and RRO