

TABLE 1
GROUNDWATER ANALYTICAL AND FIELD RESULTS
HUNTER, HUNTER 9&16-32 O SA FACILITY
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE, LP

Well Name	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- trimethylbenzene (µg/L)	1,3,5- trimethylbenzene (µg/L)	Total Dissolved Solids (ug/L)	Chloride Ion (ug/L)	Sulfate Ion (ug/L)	Depth to Water/ (Product Thickness) (ft bgs)	Relative GW Elev. (ft)
ECMC Allowable Levels		5	560	700	1400	140	67	67	1,512,500	250,000	667,083		
GW01	6/15/2022	770	<1.00	210	1470	43.5	409	156	1,140,000	32,000	528,000	5.5	NA
GW02	6/6/2022	44.8	<1.00	7.37	40.5	2.93	55	19.5	1,310,000	32,600	493,000	5.5	NA
BG-GW01	9/16/2022	NA	NA	NA	NA	NA	NA	NA	1,570,000	65,200	734,000	9.5	NA
BG-GW02	9/16/2022	NA	NA	NA	NA	NA	NA	NA	1,690,000	83,100	801,000	9.5	NA
MW01	6/21/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,380,000	54,600	551,000	6.60	94.11
MW01	9/23/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,240,000	39,000	497,000	7.46	93.25
MW01	12/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	910,000	<31,200	437,000	6.94	93.77
MW02	6/21/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,070,000	<31,200	483,000	6.59	94.17
MW02	9/23/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,030,000	<31,200	427,000	7.44	93.32
MW02	12/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	905,000	<31,200	375,000	6.93	93.83
MW03	6/21/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,050,000	<31,200	527,000	6.54	94.20
MW03	9/23/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	988,000	<31,200	432,000	7.38	93.36
MW03	12/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,020,000	<31,200	440,000	6.85	93.89
MW04	6/21/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,150,000	34,900	525,000	6.30	94.30
MW04	9/23/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,300,000	32,900	547,000	7.12	93.48
MW04	12/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,180,000	<31,200	529,000	6.60	94.00
MW05	6/21/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,070,000	<31,200	482,000	7.55	94.33
MW05	9/23/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,050,000	<31,200	453,000	8.36	93.52
MW05	12/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,050,000	<31,200	435,000	7.87	94.01
MW06	6/21/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	958,000	<31,200	438,000	8.88	94.28
MW06	9/23/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	984,000	<31,200	467,000	9.70	93.46
MW06	12/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	901,000	<31,200	376,000	9.22	93.94
MW07	6/21/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,000,000	<31,200	470,000	8.87	94.17
MW07	9/23/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	904,000	<31,200	399,000	9.73	93.31
MW07	12/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	896,000	<31,200	370,000	9.23	93.81
MW08	6/21/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,150,000	39,100	553,000	7.34	93.98
MW08	9/23/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,180,000	<31,200	532,000	8.21	93.11
MW08	12/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,050,000	<31,200	414,000	7.71	93.61

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Well Name	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- trimethylbenzene (µg/L)	1,3,5- trimethylbenzene (µg/L)	Total Dissolved Solids (ug/L)	Chloride Ion (ug/L)	Sulfate Ion (ug/L)	Depth to Water/ (Product Thickness) (ft bgs)	Relative GW Elev. (ft)
ECMC Allowable Levels		5	560	700	1400	140	67	67	1,512,500	250,000	667,083		
MW09	6/21/2024	Inaccessible - Not Sampled				NA	NA	NA	NA	NA	NA	NM	NA
MW09	9/23/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,260,000	<31,200	461,000	NM	NA
MW09	12/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	968,000	<31,200	422,000	NS	NA
MW10	6/21/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,200,000	39,400	509,000	6.42	94.07
MW10	9/23/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,140,000	<31,200	460,000	7.26	93.23
MW10	12/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,070,000	<31,200	478,000	6.75	93.74
MW11	6/21/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,210,000	35,400	538,000	6.78	94.14
MW11	9/23/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,410,000	31,500	530,000	7.61	93.31
MW11	12/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	1,220,000	<31,200	528,000	7.08	93.84

Notes: ECMC - Colorado Energy and Carbon Management Commission

ft bgs - feet below ground surface

NA - not analyzed/not available

NM - not measured

Corrected Relative GW Elev. is used when LNAPL is present.

Total dissolved solids and sulfate ion parameters based on local background sample MW04 historical average concentration x 1.25

BOLD = Analytical result is in exceedance of ECMC Table 915-1 groundwater standards.

µg/L - micrograms per liter

< - less than laboratory reporting limit

Excavation groundwater depth is approximate