

TABLE 1
COUGHLIN RED V V 22-1, 22-2
GROUNDWATER SAMPLE RESULTS SUMMARY TABLE
KERR-MCGEE OIL & GAS ONSHORE LP

Well Name	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Depth To Water (ft. BTOC)
COGCC Table 910-1 standards for groundwater (µg/L)⁽¹⁾		5	560	700	1400	
GW01	10/24/2014	2,620	1.5	170	704	~10*
BH01	4/14/2015	<1.0	<1.0	<1.0	<1.0	10.78
	7/6/2015	<1.0	<1.0	<1.0	<1.0	8.92
	10/26/2015	<1.0	<1.0	<1.0	<1.0	6.69
	1/25/2016	<1.0	<1.0	<1.0	<1.0	8.84
	4/26/2016	<1.0	<1.0	<1.0	<1.0	9.01
	7/12/2016	<1.00	<1.00	<1.00	<1.00	7.18
	10/3/2016	<1.00	<1.00	<1.00	<1.00	6.79
	1/4/2017	<1.00	<1.00	<1.00	<1.00	8.60
	4/17/2017	<1.00	<1.00	<1.00	<1.00	10.39
	7/25/2017	<1.00	<1.00	<1.00	<1.00	5.82
	10/18/2017	<1.00	<1.00	<1.00	<1.00	6.96
	1/23/2018	<1.00	<1.00	<1.00	<1.00	9.36
BH02	4/14/2015	<1.0	<1.0	<1.0	<1.0	10.73
	7/6/2015	<1.0	<1.0	<1.0	<1.0	8.86
	10/26/2015	<1.0	<1.0	<1.0	<1.0	6.49
	1/25/2016	<1.0	<1.0	<1.0	<1.0	8.76
	4/26/2016	<1.0	<1.0	<1.0	<1.0	8.91
	7/12/2016	<1.00	<1.00	<1.00	<1.00	7.24
	10/3/2016	<1.00	<1.00	<1.00	<1.00	6.53
	1/4/2017	<1.00	<1.00	<1.00	<1.00	8.50
	4/17/2017	<1.00	<1.00	<1.00	<1.00	10.32
	7/25/2017	<1.00	<1.00	<1.00	<1.00	5.87
	10/18/2017	<1.00	<1.00	<1.00	<1.00	6.83
	1/23/2018	<1.00	<1.00	<1.00	<1.00	9.28

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COGCC Table 910-1 standards for groundwater (µg/L)⁽¹⁾		5	560	700	1400	
BH03	4/14/2015	8.5	<1.0	4.7	<1.0	10.62
	7/6/2015	108	<1.0	29.4	6.3	8.72
	10/26/2015	34.4	<1.0	2.4	<1.0	6.63
	1/25/2016	11.3	<1.0	<1.0	<1.0	8.68
	4/26/2016	27.6	<1.0	<1.0	1.2	8.81
	7/12/2016	1.95	<1.00	<1.00	<1.00	7.04
	10/3/2016	<1.00	<1.00	<1.00	<1.00	6.34
	1/4/2017	6.79	<1.00	<1.00	<1.00	8.45
	4/17/2017	5.25	<1.00	<1.00	<1.00	10.20
	7/25/2017	<1.00	<1.00	<1.00	<1.00	5.80
	10/18/2017	<1.00	<1.00	<1.00	<1.00	6.88
	1/23/2018	<1.00	<1.00	<1.00	<1.00	9.20
BH04	4/14/2015	<1.0	<1.0	<1.0	<1.0	10.7
	7/6/2015	<1.0	<1.0	<1.0	<1.0	8.84
	10/26/2015	<1.0	<1.0	<1.0	<1.0	6.79
	1/25/2016	<1.0	<1.0	<1.0	<1.0	8.87
	4/26/2016	<1.0	<1.0	<1.0	<1.0	8.94
	7/12/2016	<1.00	<1.00	<1.00	<1.00	7.18
	10/3/2016	<1.00	<1.00	<1.00	<1.00	6.39
	1/4/2017	<1.00	<1.00	<1.00	<1.00	8.60
	4/17/2017	<1.00	<1.00	<1.00	<1.00	10.31
	7/25/2017	<1.00	<1.00	<1.00	<1.00	6.00
	10/19/2017	<1.00	<1.00	<1.00	<1.00	7.03
	1/23/2018	<1.00	<1.00	<1.00	<1.00	9.33

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COGCC Table 910-1 standards for groundwater (µg/L)⁽¹⁾		5	560	700	1400	
BH05	4/14/2015	1.0	<1.0	6.9	15.7	10.24
	7/6/2015	84.4	<1.0	2.5	4.8	8.39
	10/26/2015	10.5	<1.0	<1.0	<1.0	6.47
	1/25/2016	4.8	<1.0	<1.0	<1.0	8.41
	4/26/2016	<1.0	<1.0	<1.0	<1.0	8.51
	7/12/2016	<1.00	<1.00	<1.00	<1.00	6.64
	10/3/2016	<1.00	<1.00	<1.00	<1.00	6.10
	1/4/2017	<1.00	<1.00	<1.00	<1.00	8.17
	4/17/2017	1.38	<1.00	5.65	4.70	9.87
	7/25/2017	<1.00	<1.00	<1.00	<1.00	5.46
	10/18/2017	<1.00	<1.00	<1.00	<1.00	6.37
	1/23/2018	<1.00	<1.00	<1.00	<1.00	8.91
BH06	10/26/2015	<1.0	<1.0	<1.0	<1.0	6.95
	1/25/2016	<1.0	<1.0	<1.0	<1.0	8.79
	4/26/2016	<1.0	<1.0	<1.0	<1.0	9.00
	7/12/2016	<1.00	<1.00	<1.00	<1.00	6.99
	10/3/2016	<1.00	<1.00	<1.00	<1.00	6.21
	1/4/2017	<1.00	<1.00	<1.00	<1.00	8.57
	4/17/2017	<1.00	<1.00	<1.00	<1.00	10.21
	7/25/2017	2.26	<1.00	<1.00	<1.00	5.93
	10/18/2017	<1.00	<1.00	<1.00	<1.00	7.08
	1/23/2018	<1.00	<1.00	<1.00	<1.00	9.30

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COGCC Table 910-1 standards for groundwater (µg/L)⁽¹⁾		5	560	700	1400	
BH07	10/26/2015	<1.0	<1.0	<1.0	<1.0	7.23
	1/25/2016	<1.0	<1.0	<1.0	<1.0	8.93
	4/26/2016	<1.0	<1.0	<1.0	<1.0	9.02
	7/12/2016	<1.00	<1.00	<1.00	<1.00	6.94
	10/3/2016	<1.00	<1.00	<1.00	<1.00	6.65
	1/4/2017	<1.00	<1.00	<1.00	<1.00	8.74
	4/17/2017	<1.00	<1.00	<1.00	<1.00	10.34
	7/25/2017	<1.00	<1.00	<1.00	<1.00	5.93
	10/18/2017	<1.00	<1.00	<1.00	<1.00	7.32
	1/23/2018	<1.00	<1.00	<1.00	<1.00	9.40

Notes:

1. Standards for groundwater are taken from 2 CCR 404-1, Table 910-1, effective January 30, 2015.

COGCC = Colorado Oil and Gas Conservation Commission

(<) = Analytical result is less than the indicated laboratory reporting limit.

µg/L = Micrograms per liter.

ft. BTOC = Feet below top of casing.

* feet below ground surface

BOLD = Analytical result is in exceedance of COGCC Table 910-1 groundwater standards.