

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
CUSTY #1
SW 1/4 SW 1/4 SEC.15 T2S R66W 6PM
LAT/LONG: 39.87267/-104.76956
ADAMS COUNTY, COLORADO
REMEDIATION PROJECT #9711

Sample Location (Latitude, Longitude)	Date Sample Collected	Approximate Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)
COGCC Table 910-1 Regulatory Limit (mg/kg)			0.17	85	100	175	500	
SS S	6/20/2016	8.0	0.033	0.066	<0.0050	0.018	<0.50	<50
SS W	6/20/2016	8.0	0.17	0.12	0.021	0.29	5.0	<50
SS E	6/20/2016	8.0	0.0060	<0.0050	<0.0050	0.0056	<0.50	<50
SS N	6/20/2016	8.0	0.062	0.031	<0.0050	0.027	<0.50	<50
Sidewall South (39.872930, -104.769741)	06/22/16	11.0	0.652	4.89	1.36	12.0	274	<50.0
Sidewall West (39.872981, -104.769817)	06/22/16	12.0	19.1	69.6	7.98	104	1,930	305
Sidewall North (39.873025, -104.769734)	06/22/16	10.5	20.0	75.7	11.9	116	2,140	355
Sidewall East (39.872980, -104.769676)	06/22/16	11.5	5.72	24.6	3.98	45.5	750	216
MW-01 (39.87297913, -104.7697838)	06/27/16	10-12.5	0.060	0.247	0.127	1.02	26.6	110
MW-02 (39.87296243, -104.7699640)	06/27/16	5-7.5	<0.002	<0.002	<0.002	<0.002	<0.200	<50.0
MW-03 (39.87284865, -104.7698840)	06/27/16	5-7.5	<0.002	<0.002	<0.0020	<0.002	<0.200	<50.0
MW-04 (39.87285635, -104.7696969)	06/27/16	12.5-15	<0.050	<0.050	0.110	0.238	150	454
MW-05 (39.87298890, -104.7695858)	06/27/16	5-7.5	<0.002	<0.002	<0.002	<0.002	<0.200	<50.0
MW-06 (39.87311149, -104.7697118)	06/27/16	7.5-10	0.978	6.25	0.751	10.6	138	<50.0
MW-07 (39.87306585, -104.7698917)	06/27/16	5-7.5	1.83	0.074	0.770	13.0	250	<50.0
MW-08 (39.87322288, -104.7700310)	06/27/16	5-7.5	<0.002	<0.002	<0.002	<0.002	<0.200	<50.0
MW-09 (39.87330035, -104.7698025)	06/27/16	5-7.5	<0.002	<0.002	<0.002	<0.002	<0.200	<50.0
MW-10 (39.87321894, -104.7696325)	06/27/16	5-7.5	<0.002	<0.002	<0.002	<0.002	<0.200	<50.0
MW-11 (39.87281543, -104.7695166)	06/27/16	5-7.5	<0.002	<0.002	<0.002	<0.002	<0.200	<50.0
MW-12 (39.87274590, -104.7696596)	06/27/16	5-7.5	<0.002	<0.002	<0.002	<0.002	<0.200	<50.0
MW-13 (39.87305505, -104.7700342)	07/26/16	10-12.5	0.038	<0.002	<0.002	<0.002	<0.200	<50.0
MW-14 (39.87313118, -104.7695622)	07/26/16	5-7.5	<0.002	<0.002	<0.002	<0.002	<0.200	<50.0
SB-01 @ 7.5-8' (39.87306423/-104.76970571)	06/26/17	7.5-8	<0.002	<0.002	<0.002	<0.002	4.35	<50.0
SB-02 @ 7-7.5' (39.87304948/-104.77005639)	06/26/17	7-7.5	<0.002	<0.002	<0.002	<0.002	<0.200	<50.0
SB-03 @ 7.5-8' (39.87302256/-104.76985772)	06/26/17	7.5-8	<0.002	<0.002	<0.002	<0.002	4.03	<50.0
SB-04 @ 7.5-8' (39.87309726/-104.76990218)	06/26/17	7.5-8	2.10	0.063	8.06	<0.050	1200	3120
SB-05 @ 7.5-8' (39.87304069/-104.76995287)	06/26/17	7.5-8	0.230	0.400	0.234	3.70	44.3	<50.0
SB-06 @ 7.5-8' (39.87306305/-104.76980094)	07/06/17	7.5-8	<0.050	<0.050	0.507	0.974	24.6	<50.0
SB-07 @ 7.5-8' (39.87312658/-104.76977003)	07/06/17	7.5-8	<0.050	<0.050	<0.050	<0.050	<5.00	<50.0
SB-08 @ 7.5-8' (39.87310327/-104.77000884)	07/06/17	7.5-8	<0.050	<0.050	<0.050	<0.050	8.98	<50.0
SB-09 @ 7.5-8' (39.87318892/-104.76991748)	07/06/17	7.5-8	0.060	<0.050	0.135	0.325	27.0	<50.0
SB-10 @ 7.5-8' (39.87310836/-104.76963083)	07/06/17	7.5-8	<0.050	<0.050	<0.050	<0.050	<5.00	<50.0

COGCC = Colorado Oil and Gas Conservation Commission

mg/kg = milligrams per kilogram

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

< = indicates result is less than the stated laboratory reporting limit

Note: Values presented in bold typeface exceed their respective COGCC Table 910-1 Regulatory Limit.

TABLE 2
GROUNDWATER ANALYTICAL RESULTS SUMMARY
CUSTY #1
SW 1/4 SW 1/4 SEC.15 T2S R66W 6PM
LAT/LONG: 39.87267/-104.76956
ADAMS COUNTY, COLORADO
REMEDIATION PROJECT #9711

Sample Location (Latitude, Longitude)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
COGCC Table 910-1 Regulatory Limits (µg/L)		5	560	700	1,400
GW-01	06/20/16	3,800	5,400	210	5,000
MW-01 (39.87297913, -104.7697838)	07/01/16	1,800	611	42.0	281
	10/06/16	904	<20.0	47.2	49.4
	01/11/17	99.0	<10.0	13.8	<10.0
	04/14/17	35.0	<1.00	5.92	4.12
	07/03/17	7.38	<1.00	1.04	<1.00
MW-02 (39.87296243, -104.7699640)	07/01/16	<1.00	<1.00	<1.00	<1.00
	10/06/16	<1.00	<1.00	<1.00	<1.00
	01/11/17	<1.00	<1.00	<1.00	<1.00
	04/14/17	<1.00	<1.00	<1.00	<1.00
	07/03/17	<1.00	<1.00	<1.00	<1.00
MW-03 (39.87284865, -104.7698840)	07/01/16	<1.00	<1.00	<1.00	1.53
	10/06/16	<1.00	<1.00	<1.00	<1.00
	01/11/17	<1.00	<1.00	<1.00	<1.00
	04/14/17	<1.00	<1.00	<1.00	<1.00
	07/03/17	<1.00	<1.00	<1.00	<1.00
MW-04 (39.87285635, -104.7696969)	07/01/16	<1.00	<1.00	2.65	3.73
	10/06/16	<1.00	<1.00	4.23	5.47
	01/11/17	<1.00	<1.00	35.3	23.7
	04/14/17	<1.00	<1.00	21.3	2.55
	07/03/17	<1.00	<1.00	1.87	<1.00
MW-05 (39.87298890, -104.7695858)	07/01/16	<1.00	<1.00	<1.00	<1.00
	10/06/16	<1.00	<1.00	<1.00	<1.00
	01/11/17	<1.00	<1.00	<1.00	<1.00
	04/14/17	<1.00	<1.00	<1.00	<1.00
	07/03/17	<1.00	<1.00	<1.00	<1.00
MW-06 (39.87311149, -104.7697118)	07/01/16	146	200	33.5	211
	10/06/16	761	<4.00	13.4	166
	01/11/17	40.5	<4.00	<4.00	<4.00
	04/14/17	76.4	<1.00	<1.00	<1.00
	07/03/17	INA			
MW-07 (39.87306585, -104.7698917)	07/01/16	445	39.2	32.8	51.1
	10/06/16	3,640	41.5	423	217
	01/11/17	1,420	<20.0	327	<20.0
	04/14/17	533	<10.0	133	<10.0
	07/03/17	788	<1.00	137	5.97

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Sample Location (Latitude, Longitude)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
COGCC Table 910-1 Regulatory Limits (µg/L)		5	560	700	1,400
MW-08 (39.87322288, -104.7700310)	07/01/16	<1.00	<1.00	<1.00	<1.00
	10/06/16	<1.00	<1.00	<1.00	<1.00
	01/11/17	<1.00	<1.00	<1.00	<1.00
	04/14/17	<1.00	<1.00	<1.00	<1.00
	07/03/17	<1.00	<1.00	<1.00	<1.00
MW-09 (39.87330035, -104.7698025)	07/01/16	<1.00	<1.00	<1.00	<1.00
	10/06/16	<1.00	<1.00	<1.00	<1.00
	01/11/17	<1.00	<1.00	<1.00	<1.00
	04/14/17	<1.00	<1.00	<1.00	<1.00
	07/03/17	<1.00	<1.00	<1.00	<1.00
MW-10 (39.87321894, -104.7696325)	07/01/16	<1.00	<1.00	<1.00	<1.00
	10/06/16	<1.00	<1.00	<1.00	<1.00
	01/11/17	<1.00	<1.00	<1.00	<1.00
	04/14/17	<1.00	<1.00	<1.00	<1.00
	07/03/17	INA			
MW-11 (39.87281543, -104.7695166)	07/01/16	<1.00	<1.00	<1.00	<1.00
	10/06/16	<1.00	<1.00	<1.00	<1.00
	01/11/17	<1.00	<1.00	<1.00	<1.00
	04/14/17	<1.00	<1.00	<1.00	<1.00
	07/03/17	<1.00	<1.00	<1.00	<1.00
MW-12 (39.87274590, -104.7696596)	07/01/16	<1.00	<1.00	<1.00	<1.00
	10/06/16	<1.00	<1.00	<1.00	<1.00
	01/11/17	<1.00	<1.00	<1.00	<1.00
	04/14/17	<1.00	<1.00	<1.00	<1.00
	07/03/17	<1.00	<1.00	<1.00	<1.00
MW-13 (39.87305505, -104.7700342)	08/04/16	<4.00	<4.00	<4.00	<4.00
	10/06/16	32.9	<1.00	<1.00	<1.00
	01/11/17	54.0	<1.00	<1.00	<1.00
	04/14/17	47.0	<1.00	<1.00	<1.00
	07/03/17	165	<1.00	<1.00	<1.00
MW-14 (39.87313118, -104.7695622)	08/04/16	<1.00	<1.00	<1.00	<1.00
	10/06/16	<1.00	<1.00	<1.00	<1.00
	01/11/17	<1.00	<1.00	<1.00	<1.00
	04/14/17	<1.00	<1.00	<1.00	<1.00
	07/03/17	<1.00	<1.00	<1.00	<1.00

COGCC = Colorado Oil and Gas Conservation Commission

µg/L = micrograms per liter

< = indicates result is less than the stated laboratory reporting limit

Values presented in bold typeface exceed their respective COGCC Table 910-1 Regulatory Limit.

INA = inaccessible

TABLE 3
GROUNDWATER ELEVATION AND PARAMETER SUMMARY
CUSTY #1
SW 1/4 SW 1/4 SEC.15 T2S R66W 6PM
LAT/LONG: 39.87267/-104.76956
ADAMS COUNTY, COLORADO
REMEDATION PROJECT #9711

Sample Location	Date	Depth to Groundwater (feet)	TOC Elevation (feet)	Relative Groundwater Elevation (feet)
MW-01	07/01/16	8.87	98.18	89.31
	10/06/16	9.24		88.94
	01/11/17	9.80		88.38
	04/14/17	10.10		88.08
	07/03/17	9.53		88.65
MW-02	07/01/16	16.56	100.00	83.44
	10/06/16	11.60		88.40
	01/11/17	12.29		87.71
	04/14/17	12.56		87.44
	07/03/17	11.69		88.31
MW-03	07/01/16	9.08	99.00	89.92
	10/06/16	10.60		88.40
	01/11/17	11.10		87.90
	04/14/17	11.33		87.67
	07/03/17	10.25		88.75
MW-04	07/01/16	6.35	97.18	90.83
	10/06/16	7.68		89.50
	01/11/17	8.32		88.86
	04/14/17	8.65		88.53
	07/03/17	7.98		89.20
MW-05	07/01/16	7.30	98.02	90.72
	10/06/16	8.52		89.50
	01/11/17	9.03		88.99
	04/14/17	9.42		88.60
	07/03/17	8.95		89.07
MW-06	07/01/16	8.08	98.20	90.12
	10/06/16	9.05		89.15
	01/11/17	9.72		88.48
	04/14/17	10.02		88.18
	07/03/17	INA		
MW-07	07/01/16	8.96	97.46	88.50
	10/06/16	8.75		88.71
	01/11/17	9.49		87.97
	04/14/17	9.75		87.71
	07/03/17	9.11		88.35
MW-08	07/01/16	13.25	97.68	84.43
	10/06/16	10.15		87.53
	01/11/17	10.66		87.02
	04/14/17	10.93		86.75
	07/03/17	10.61		87.07

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Sample Location	Date	Depth to Groundwater (feet)	TOC Elevation (feet)	Relative Groundwater Elevation (feet)

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CUSTY #1
SW 1/4 SW 1/4 SEC.15 T2S R66W 6PM
LAT/LONG: 39.87267/-104.76956
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Sample Location	Date	Depth to Groundwater (feet)	TOC Elevation (feet)	Relative Groundwater Elevation (feet)
MW-09	07/01/16	9.39	98.94	89.55
	10/06/16	10.44		88.50
	01/11/17	11.05		87.89
	04/14/17	11.33		87.61
	07/03/17	11.05		87.89
MW-10	07/01/16	8.82	98.98	90.16
	10/06/16	9.83		89.15
	01/11/17	10.49		88.49
	04/14/17	10.86		88.12
	07/03/17	INA		
MW-11	07/01/16	8.04	97.60	89.56
	10/06/16	7.62		89.98
	01/11/17	8.33		89.27
	04/14/17	8.61		88.99
	07/03/17	8.00		89.60
MW-12	07/01/16	12.75	97.24	84.49
	10/06/16	7.76		89.48
	01/11/17	9.78		87.46
	04/14/17	8.60		88.64
	07/03/17	7.78		89.46
MW-13	08/04/16	18.93	99.29	80.36
	10/06/16	11.24		88.05
	01/11/17	11.95		87.34
	04/14/17	12.18		87.11
	07/03/17	11.33		87.96
MW-14	08/04/16	12.77	102.97	90.20
	10/06/16	13.41		89.56
	01/11/17	14.15		88.82
	04/14/17	14.52		88.45
	07/03/17	14.09		88.88

TOC = Top of Casing

mg/L = milligrams per liter

°C = degrees Celcius

µS/cm - microSiemens per centimeter

mV = millivolts

ORP = oxidation reduction potential

INA = inaccessible