

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
NELSON EAST TANK BATTERY
PRODUCED WATER RELEASE
40.347524 / -104.906878
NENE SEC. 5 T4N R67W 6PM
WELD COUNTY, COLORADO
LOCATION ID 422251
REMEDIATION PROJECT NUMBER 9949

Sample Location (Latitude/Longitude)	Date	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 Limits (mg/kg)			0.17	85	100	175	500	
MW-01 @ 5-6.5' (40.347663292 / -104.906858398)	12/20/16	5-6.5	<0.002	<0.002	<0.002	<0.002	<0.200	<50.0
MW-02 @ 5-6.5' (40.3475338082 / -104.906685922)	12/20/16	5-6.5	<0.002	<0.002	<0.002	<0.002	<0.200	<50.0
MW-03 @ 5-6.5' (40.3474299212 / -104.906885448)	12/20/16	5-6.5	<0.002	<0.002	<0.002	<0.002	<0.200	<50.0
MW-04 @ 5-6.5' (40.347538912 / -104.907000878)	12/20/16	5-6.5	<0.002	<0.002	<0.002	<0.002	<0.200	<50.0
MW-05 (40.347539182 / -104.906864054)	12/23/16	NS	NS	NS	NS	NS	NS	NS
MW-06 @ 5-6' (40.3476054092 / -104.90674456)	12/23/16	5-6	<0.002	<0.002	<0.002	<0.002	<0.200	<50.0
MW-07 @ 5-6.5' (40.3476030682 / -104.90664595)	12/23/16	5-6.5	<0.002	<0.002	<0.002	<0.002	<0.200	<50.0
MW-08 @ 5-6.5' (40.3476607692 / -104.9067109)	12/23/16	5-6.5	<0.002	<0.002	<0.002	<0.002	<0.200	<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 NS = Not sampled Note: Values presented with a less than symbol (<) did not contain concentrations at or above laboratory detection limits. Values presented in bold typeface exceed their respective COGCC - Regulatory Limits (Table 910-1). A soil sample was not collected from MW-05 since the well was installed in backfill material within the previous excavation area.								



TABLE 2
GROUNDWATER ANALYTICAL RESULTS SUMMARY
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WELD COUNTY, COLORADO
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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	1400
MW-01 (40.347663292 / -104.906858398)	12/20/16	<1.00	<1.00	<1.00	<1.00
	03/20/17	<1.00	<1.00	<1.00	<1.00
	06/23/17	<1.00	<1.00	<1.00	<1.00
	09/26/17	<1.00	<1.00	<1.00	<1.00
	12/26/17	<1.00	<1.00	<1.00	<1.00
	03/06/18	<1.00	<1.00	<1.00	<1.00
	06/11/18	<1.00	<1.00	<1.00	<1.00
	09/20/18	<1.00	<1.00	<1.00	<1.00
MW-02 (40.3475338082 / -104.906685922)	12/20/16	<1.00	<1.00	13.5	50.0
	03/20/17	<1.00	<1.00	1.83	6.04
	06/23/17	<1.00	<1.00	<1.00	<1.00
	09/26/17	1.08	<1.00	1.69	2.14
	12/26/17	2.20	<1.00	4.65	6.85
	03/06/18	1.85	<1.00	<1.00	<1.00
	06/11/18	<1.00	<1.00	<1.00	<1.00
	09/20/18	2.54	<1.00	1.04	7.61
MW-03 (40.3474299212 / -104.906885448)	12/20/16	<1.00	<1.00	<1.00	<1.00
	03/20/17	<1.00	<1.00	<1.00	<1.00
	06/23/17	<1.00	<1.00	<1.00	<1.00
	09/26/17	<1.00	<1.00	<1.00	<1.00
	12/26/17	<1.00	<1.00	<1.00	<1.00
	03/06/18	<1.00	<1.00	<1.00	<1.00
	06/11/18	<1.00	<1.00	<1.00	<1.00
	09/20/18	<1.00	<1.00	<1.00	<1.00
MW-04 (40.347538912 / -104.907000878)	12/20/16	<1.00	<1.00	<1.00	<1.00
	03/20/17	<1.00	<1.00	<1.00	<1.00
	06/23/17	<1.00	<1.00	<1.00	<1.00
	09/26/17	<1.00	<1.00	<1.00	<1.00
	12/26/17	<1.00	<1.00	<1.00	<1.00
	03/06/18	<1.00	<1.00	<1.00	<1.00
	06/11/18	<1.00	<1.00	<1.00	<1.00
	09/20/18	<1.00	<1.00	<1.00	<1.00

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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	1400
MW-05 (40.347539182 / -104.906864054)	12/23/16	750	1,380	4,840	24,700
	03/20/17	70.7	52.6	37.8	1,710
	06/23/17	221	<4.00	90.1	1,420
	09/26/17	107	<4.00	15.6	200
	12/26/17	231	<4.00	13.0	172
	03/06/18	105	<4.00	58.5	773
	06/11/18	98.2	<4.00	31.4	1,110
	09/20/18	52.7	<4.00	4.76	131
MW-06 (40.3476054092 / -104.90674456)	12/23/16	13.1	<1.00	12.1	40.8
	03/20/17	8.53	<1.00	1.17	17.47
	06/23/17	5.93	<1.00	1.59	17.7
	09/26/17	19.0	<1.00	3.06	11.9
	12/26/17	8.29	<1.00	<1.00	2.62
	03/06/18	15.1	<1.00	1.18	<1.00
	06/11/18	4.28	<1.00	<1.00	5.94
	09/20/18	187	<1.00	38.4	137
MW-07 (40.3476030682 / -104.90664595)	12/23/16	<1.00	<1.00	<1.00	<1.00
	03/20/17	<1.00	<1.00	<1.00	<1.00
	06/23/17	<1.00	<1.00	<1.00	<1.00
	09/26/17	<1.00	<1.00	<1.00	<1.00
	12/26/17	<1.00	<1.00	<1.00	<1.00
	03/06/18	<1.00	<1.00	<1.00	<1.00
	06/11/18	<1.00	<1.00	<1.00	<1.00
	09/20/18	1.08	<1.00	1.32	<1.00
MW-08 (40.3476607692 / -104.9067109)	12/23/16	<1.00	<1.00	10.6	52.2
	03/20/17	<1.00	<1.00	2.52	4.16
	06/23/17	<1.00	<1.00	<1.00	6.09
	09/26/17	<1.00	<1.00	<1.00	<1.00
	12/26/17	<1.00	<1.00	<1.00	<1.00
	03/06/18	<1.00	<1.00	<1.00	<1.00
	06/11/18	<1.00	<1.00	<1.00	<1.00
	09/20/18	<1.00	<1.00	<1.00	<1.00

COGCC = Colorado Oil and Gas Conservation Commission

µg/L - micrograms per liter

Values presented in **bold** typeface exceed their respective COGCC - Regulatory Limits (Table 910-1).

Note: Values presented with a less than symbol (<) did not contain concentrations at or above laboratory detection limits.



TABLE 3
GROUNDWATER ELEVATION SUMMARY
NELSON EAST TANK BATTERY
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40.347524 / -104.906878
NENE SEC. 5 T4N R67W 6PM
WELD COUNTY, COLORADO
LOCATION ID 422251
REMEDIATION PROJECT NUMBER 9949

Sample Location (Latitude/Longitude)	Date	Top of Casing Elevation (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)
MW-01 (40.347663292 / -104.906858398)	12/23/16	99.98	8.47	91.51
	03/20/17		8.90	91.08
	06/23/17		7.51	92.47
	09/26/17		6.99	92.99
	12/26/17		7.87	92.11
	03/06/18		8.34	91.64
	06/11/18		9.11	90.87
	09/20/18		7.10	92.88
MW-02 (40.3475338082 / -104.906685922)	12/23/16	100.00	8.58	91.42
	03/20/17		9.00	91.00
	06/23/17		7.21	92.79
	09/26/17		7.16	92.84
	12/26/17		7.99	92.01
	03/06/18		8.45	91.55
	06/11/18		9.30	90.70
	09/20/18		7.25	92.75
MW-03 (40.3474299212 / -104.906885448)	12/23/16	99.47	7.65	91.82
	03/20/17		8.12	91.35
	06/23/17		6.88	92.59
	09/26/17		6.25	93.22
	12/26/17		7.04	92.43
	03/06/18		7.52	91.95
	06/11/18		8.47	91.00
	09/20/18		6.33	93.14
MW-04 (40.347538912 / -104.907000878)	12/23/16	99.94	8.06	91.88
	03/20/17		8.49	91.45
	06/23/17		7.23	92.71
	09/26/17		6.59	93.35
	12/26/17		7.41	92.53
	03/06/18		7.92	92.02
	06/11/18		8.84	91.10
	09/20/18		6.67	93.27



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MW-05 (40.347539182 / -104.906864054)	12/23/16	99.97	8.24	91.73
	03/20/17		8.64	91.33
	06/23/17		7.37	92.60
	09/26/17		6.78	93.19
	12/26/17		7.63	92.34
	03/06/18		8.08	91.89
	06/11/18		8.98	90.99
	09/20/18		6.88	93.09
MW-06 (40.3476054092 / -104.90674456)	12/23/16	99.95	8.41	91.54
	03/20/17		8.83	91.12
	06/23/17		7.47	92.48
	09/26/17		6.98	92.97
	12/26/17		7.82	92.13
	03/06/18		8.27	91.68
	06/11/18		9.10	90.85
	09/20/18		7.07	92.88
MW-07 (40.3476030682 / -104.90664595)	12/23/16	99.73	8.47	91.26
	03/20/17		8.89	90.84
	06/23/17		7.48	92.25
	09/26/17		7.06	92.67
	12/26/17		7.90	91.83
	03/06/18		8.35	91.38
	06/11/18		9.14	90.59
	09/20/18		7.15	92.58
MW-08 (40.3476607692 / -104.9067109)	12/23/16	100.20	8.81	91.39
	03/20/17		9.21	90.99
	06/23/17		7.79	92.41
	09/26/17		7.35	92.85
	12/26/17		8.20	92.00
	03/06/18		8.66	91.54
	06/11/18		9.41	90.79
	09/20/18		7.50	92.70

