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Geotechnical Engineering
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Phil Nollmeyer
Lincoln County
27234 SR 25N
Davenport, WA 99122

April 2, 2020

Project Number X09032

PROJECT: South Wilbur Petroleum Site
Wilbur, WA

SUBJECT: Results of Groundwater Monitoring for 2020

Dear Mr. Nollmeyer,

This report presents the results of annual groundwater sampling and chemical analysis. A site plan, field parameter summary, laboratory summaries and laboratory reports with QA/QC data & Chain of Custody are attached to this report.

We collected water samples from the monitoring wells on March 13, 2020. The groundwater levels were slightly lower (approximately 1 foot on average) than the previous year's round of sampling.

Prior to the sampling event, the field equipment was calibrated using standard calibration solutions. The equipment used for measuring field parameters was a YSI ProDSS multi-meter. Field parameters were monitored while purging the wells and recorded upon stabilization.

Although the field meter was calibrated, turbidity and pH measurements were questionable. The results indicated a much higher turbidity level and slightly lower pH levels relative to previously accepted sampling events.

The water samples were placed in appropriate containers provided by the laboratory and transported on ice under Chain of Custody to Anatek Labs in Spokane, Washington. We requested that Anatek Labs analyze the samples for gasoline, diesel and oil range petroleum hydrocarbons, MTBE and BTEX (Benzene, Toluene, Ethyl-benzene and Xylene) as agreed upon by the WSDOE for a more limited monitoring scope. MTBE was not detected in the monitoring wells. A summary of the analysis is provided below:

- MW-1: Gasoline range petroleum concentrations were lower than the previous year. Diesel and heavy oil range petroleum hydrocarbons were not detected. BTEX concentrations remain below clean-up levels.

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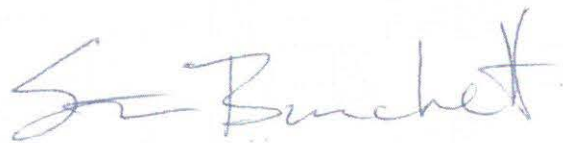
- MW-2: Gasoline range petroleum and BTEX concentrations remain higher than they've been since 2013. Benzene remains above clean up levels; diesel range and heavy oil range petroleum hydrocarbons were not detected.
- MW-3: Gasoline range petroleum concentrations were higher than the previous year. BTEX concentrations were at relatively low levels. Diesel range and heavy oil range petroleum hydrocarbons were not detected.
- MW-4: Gasoline range petroleum concentrations increased by approximately 4000 ppb when compared to the previous sample date. Benzene remains above clean up levels; Xylenes remained below 200 ppb, while diesel range and heavy oil range petroleum hydrocarbons were not detected.
- MW-6: Gasoline range petroleum concentrations decreased by roughly 4000 ppb from the previous sample date. Benzene remains above clean up levels, yet BTEX levels did not show a significant change from the previous year. Diesel range and heavy oil range petroleum hydrocarbons were not detected.
- MW-9: Petroleum constituents were not detected. MW-9 has historically been free of contamination and is used mainly as a background monitoring well.
- MW-10: This monitoring well did not have significant changes since this time last year although, gasoline range petroleum concentrations decreased from 4.41 to 2.64 ppm. BTEX concentrations remain below clean-up levels; diesel range and heavy oil range petroleum hydrocarbons were not detected.

The results of sampling from March 2020 will soon be submitted into the Washington Department of Ecology's EIM system. If you have any questions regarding this report, please feel free to contact us.

Respectfully Submitted:
BUDINGER & ASSOCIATES

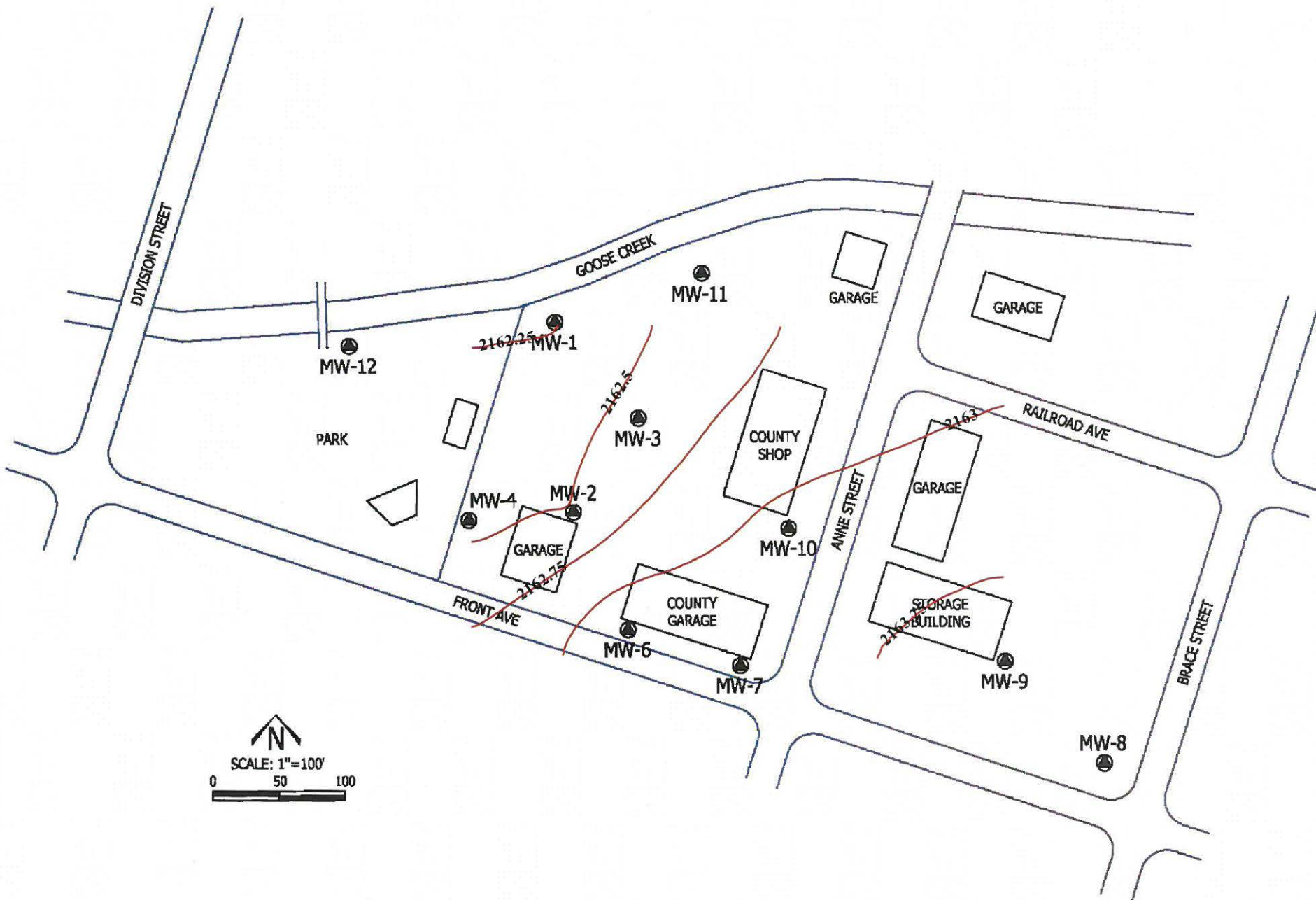


Travis S. Stephens
Environmental Geologist



Stephen D. Burchett, PE
Environmental Engineer

Attachments:
Site Plan with Groundwater Elevations
Summary of Physical Water Quality Results
Summary of Petroleum Results
Laboratory Summaries
Laboratory Reports with QA/QC data & Chain of Custody



**Budinger
& Associates**

SITE PLAN

5 WILBUR PETROLEUM SITE
WILBUR, WASHINGTON

FIGURE 1

PROJECT NUMBER X09032

DATE: 4/2010

Table 3
Summary of Physical Water Quality Results

Well ID (top of PVC casing elevation above MSL in feet)	Date Sampled	Ground-water Elevation (ft)	Ground-water Depth (ft)	Dissolved Oxygen (mg/l)	Oxidation Reduction Potential (RE-DOXI)(mV)	Specific Conductivity (µS/cm)	pH (pH unit)	Temperature (degrees C)	Turbidity (NTU)	Ferrous Iron (mg/L)	NO2/N (mg/L)	NO3/N (mg/L)	Sulfate (mg/L)
MW-1													
Elevation (toc)	3/25/09	2161.59	7.22	5.03	249	1,420	6.19	9.22	2.2	2.0	<0.1	0.40	62.3
2168.81	6/26/09	2157.36	11.45	2.18	-1.5	1,104	6.87	11.77	NT	2.0	<0.1	<0.1	74.1
Depth (ft)	9/29/09	2158.41	10.40	0.03	-64.9	1,077	7.16	12.63	55	5.5	<0.1	<0.1	47.1
12.52	12/10/09	2159.86	8.95	0.06	-246.5	825	7.08	12.05	NT	2.0	NT	<0.1	95.9
	3/24/10	2161.61	7.20	0.03	-269.0	857	7.23	9.62	6.5	2.0	<0.1	<0.1	69.7
	6/17/10	2161.41	7.40	0.01	-232.4	976	6.78	11.09	13.5	2.0	<0.1	<0.1	66.0
	9/14/10	2157.20	11.61	0.16	-72.0	1,386	6.73	13.48	12.5	4.0	<0.1	<0.1	56.9
	12/7/10	2159.89	8.92	0.08	-98.9	380	6.62	11.21	4.2	4.0	<0.1	<0.1	97.1
	3/24/11	2162.54	6.27	0.32	-79.1	846	6.83	9.70	1.6	2.0	<0.1	0.37	60.0
	6/21/11	2161.79	7.02	0.53	-60.5	1,051	6.45	11.01	8.5	14	<0.1	<0.1	46.5
	11/22/11	2159.72	9.09	1.16	-78.0	1,696	6.36	12.38	NT	4.0	<0.1	<0.1	110
	12/28/11	2160.66	8.15	1.13	-67.0	1,488	6.70	11.80	NT	4.0	<0.1	<0.1	106
	3/16/12	2161.30	7.51	2.08	-39.9	1,427	7.00	9.01	2.8	3.0	<0.1	<0.1	94.9
	6/28/12	2160.10	7.91	1.37	-102	1,984	7.25	10.50	NT	NT	<0.1	<0.1	66.1
	9/28/12	<2156.81	NT-Dry										
	1/10/13	2160.38	8.43	3.13	90.8	992	7.03	9.95	10.7	2.0	NT	<0.1	118
	4/1/13	2162.02	6.79	0.17	67.2	1,266	7.28	9.37	1.65	0.0	<0.1	0.39	88.8
	6/12/13	2159.41	9.40	3.10	-1.8	1,080	7.07	9.97	5.04	NT	<0.1	<0.1	72.9
	10/16/13	2157.06	11.75	1.89	-8.5	720	6.43	12.80	NT	16.1	<0.1	<0.1	120
	12/17/13	2158.96	9.85	1.50	-71.0	680	6.70	11.80	NT	3.0	NT	<0.1	118
	Duplicate	Duplicate									<0.1	<0.1	98.2
	3/18/14	2161.63	7.18	3.00	-58.0	950	6.60	9.30	NT	0.4	<0.1	<0.1	74.8
	6/4/14	2157.94	10.87	1.97	-64.0	824	6.74	9.18	NT		<0.1	<0.1	74.6
	9/22/14	<2156.81	NT-Dry										
	12/3/14	2158.16	10.65	5.19	33.8	516	5.55	10.93	NT	NT	<0.1	0.139	55.5
	3/18/15	2162.11	6.70	0.24	-85.1	2,431	6.59	10.46	NT	10.0	<0.1	<0.1	52.0
	6/9/15	2157.96	10.85	1.15	-35.8	1,660	6.75	11.18	NT	6.0	<0.2	<0.2	40.2
	4/13/16	2163.10	5.71	6.00	-46.8	7,954	6.52	11.21	NT	25.0	<0.1	<0.1	68
	4/19/17	2163.33	5.48	0.41	-60.2	3,389	6.78	10.94	NT	NT	NT	NT	NT
	3/14/18	2164.10	4.71	0.39	-29.3	1,550	6.61	10.56	22.7	NT	NT	NT	NT
	4/12/19	2162.65	6.16	0.22	79.9	3,352	11.34	9.06	160.4	NT	NT	NT	NT
	3/13/20	2162.18	6.63	0.22	267.2	994	5.13	9.33	933.59	NT	NT	NT	NT

* Turbidity and pH readings on 3/13/20 seem inaccurate due to meter malfunction

Table 3
Summary of Physical Water Quality Results

Well ID (top of PVC casing elevation above MSL in feet)	Date Sampled	Ground-water Elevation (ft)	Ground-water Depth (ft)	Dissolved Oxygen (mg/l)	Oxidation Reduction Potential (RE-DOX) (mV)	Specific Conductivity (µS/cm)	pH (pH unit)	Temperature (degrees C)	Turbidity (NTU)	Ferrous Iron (mg/L)	NO2/N (mg/L)	NO3/N (mg/L)	Sulfate (mg/L)
MW-2													
Elevation (toc)	3/28/09	2161.74	7.17	10.43	-95.5	1,760	6.65	9.54	50	30.0	<0.1	<0.1	326
2168.91	6/26/09	<2156.20	NT-Dry										
Depth (ft)	9/29/09	<2156.20	NT-Dry										0.15
12.71	12/11/09	2157.77	11.14	0.10	-265.5	988	6.90	12.98	NT	> 10	NT	<0.1	261
	3/24/10	2161.50	7.41	0.06	-280.7	1,136	7.02	10.63	2.10	> 10	<0.1	<0.1	77.5
	6/16/10	2161.50	7.41	0.09	-356.4	817	6.51	10.75	1.15	> 10	<0.1	<0.1	
	9/14/10	2156.42	12.49	NT - Dry, would not recharge									0.23
	12/8/10	2158.46	10.45	0.04	-111.9	552	6.58	12.64	7.40	10.0	<0.1	<0.1	60.1
	3/24/11	2156.40	12.51	0.25	-96.8	699	6.65	8.90	2.10	6.0	<0.1	<0.1	54.9
	Duplicate	Duplicate									<0.1	<0.1	67.2
	6/22/11	2161.75	7.16	0.69	-82.0	933	6.55	10.00	1.87	10.0	<0.1	<0.1	0.36
	11/22/11	2157.31	11.60	2.76	-114.0	1,035	6.09	12.51	NT	10.0	<0.1	<0.1	0.81
	12/28/11	2159.71	9.20	1.06	-98.4	1,097	6.61	12.12	NT	>10	<0.1	<0.1	33.0
	3/16/12	2161.13	7.78	2.20	-123.4	1,140	6.67	9.44	2.10	10.0	<0.1	<0.1	67.4
	6/28/12	2060.54	8.37	0.21	-180.6	1,102	6.85	10.80	NT	NT	<0.1	<0.1	
	9/28/12	<2156.20	NT-Dry										13.3
	1/10/13	2159.96	8.95	0.90	-6.20	960	6.78	9.28	37.7	4.5	NT	<0.1	143
	4/2/13	2161.44	7.47	0.36	-81.0	984	6.87	9.78	31.6	10.0	<0.1	<0.1	44.8
	6/12/13	2159.41	9.50	1.33	-90.8	1,009	7.02	10.84	16.0	8.0	<0.1	<0.1	
	10/16/13	<2156.2	NT-Dry	NT									109
	12/17/13	2157.26	11.65	2.00	1.00	983	6.50	13.09	NT	12.0	NT	<0.1	129
	3/17/14	2161.49	7.32	1.68	-198	1,319	6.45	10.11	NT	12.0	<0.1	3.25	300
	6/4/14	2159.57	9.24	1.70	23.0	1,615	6.49	10.42	NT	3.1	0.36	11.7	
	9/22/14	<2156.20	NT-Dry										
	12/3/14	<2156.20	NT-Dry										189
	12/22/14	2158.07	10.74	NA	-10.4	1,238	6.79	12.99	NT	NT	1.46	1.62	
	3/18/15	2162.21	6.70	0.47	17.0	1,862	6.71	9.74	NT	0.00	0.13	72.3	298
	6/9/15	2157.94	10.97	1.07	-10.7	1,684	7.09	11.54	NT	0.00	<2.0	23.10	263
	4/13/16	2163.78	5.13	6.10	13.4	1,589	6.64	9.47	NT	0.00	<0.1	8.18	205
	4/19/17	2164.86	4.05	0.02	59.2	983	6.71	8.50	NT	NT	NT	NT	NT
	3/14/18	2164.16	4.75	0.11	60.5	778	6.24	8.94	42.5	NT	NT	NT	NT
	4/12/19	2163.32	5.59	0.22	-64.9	2,291	10.30	9.39	99.5	NT	NT	NT	NT
	3/13/20	2162.45	6.46	0.92	112.0	754	4.90	9.50	732.5	NT	NT	NT	NT
* Turbidity and pH readings on 3/13/20 seem inaccurate due to meter malfunction													

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Summary of Physical Water Quality Results

Well ID (top of PVC casing elevation above MSL in feet)	Date Sampled	Ground-water Elevation (ft)	Ground-water Depth (ft)	Dissolved Oxygen (mg/l)	Oxidation Reduction Potential (RE-DOX) (mV)	Specific Conductivity (µS/cm)	pH (pH unit)	Temperature (degrees C)	Turbidity (NTU)	Ferrous Iron (mg/L)	NO2/N (mg/L)	NO3/N (mg/L)	Sulfate (mg/L)
MW-3													
Elevation (toc)	3/25/09	2161.18	7.00	6.36	-58.6	1,386	6.97	10.06	12.0	15.0	<0.1	<0.1	12.4
2168.18	6/26/09	<2157.57	NT-Dry										
Depth (ft)	9/29/09	<2157.57	NT-Dry										25.1
10.61	12/11/09	2158.03	10.15	0.05	-264.0	2,051	6.99	14.43	NT	6.7	NT	<0.1	11.7
	3/25/10	2161.61	6.57	0.01	-222.5	2,019	7.13	11.49	3.1	6.0	<0.1	<0.1	13.0
	Duplicate										<0.1	<0.1	18.7
	6/16/10	2160.49	7.69	0.03	-271.5	1,180	6.54	12.00	11.5	5.0	<0.1	0.17	17.6
	Duplicate										<0.1	0.20	
	9/14/10	<2157.57	NT-Dry										<0.1
	12/8/10	2158.66	9.52	0.06	-106.9	839	6.66	12.63	7.80	8.0	<0.1	<0.1	<0.1
	Duplicate										<0.1	<0.1	17.7
	3/24/11	2162.96	5.22	0.16	-130.5	1,431	6.67	10.23	4.9	12	<0.1	0.28	36.6
	6/21/11	2161.90	6.28	0.46	-115.3	2,146	6.58	13.22	2.8	8.0	<0.1	2.02	0.51
	11/22/11	2157.83	10.35	0.96	-108.4	1,656	6.60	13.98	NT	9.0	<0.1	<0.1	0.70
	12/28/11	2159.97	8.21	0.77	-113.8	2,600	6.49	13.59	NT	>10	<0.1	<0.1	10.1
	3/16/12	2161.25	6.93	1.51	-129.6	1,684	6.78	10.52	17.7	10.0	<0.1	<0.1	11.4
	6/28/12	2160.73	7.45	0.031	-166.0	1,650	6.90	12.42	NT	NT	<0.1	<0.1	
	9/28/12	<2157.57	NT-Dry										0.41
	1/10/13	2159.90	8.28	3.0	-19.8	1,245	7.01	10.28	67.6	27.0	NT	<0.1	21.3
	4/2/13	2162.64	6.17	0.18	-79.6	1,144	7.00	11.13	29.4	7.0	<0.1	<0.1	20.1
	6/12/13	2158.78	9.40	0.96	-65.1	1,633	7.09	11.60	15.5	8.0	<0.1	<0.1	
	10/16/13	<2157.57	NT-Dry										
	12/17/13	<2157.57	NT-Dry										8.44
	3/18/14	2161.80	6.38	1.64	-150.0	1,093	6.65	9.65	NT	8.0	<0.1	<0.1	3.91
	6/4/14	2157.63	10.55	1.63	-94.0	2,492	6.74	11.69	NT	9.8	<0.1	<0.1	
	9/22/14	<2157.57	NT-Dry										
	12/3/14	<2157.57	NT-Dry										5.09
	12/22/14	2158.29	9.89	NA	-97.5	900	7.17	12.17	NT	NT	<0.1	<0.1	
	3/18/15	2162.43	5.75	0.14	-125.7	896	6.82	10.66	NT	5.00	<0.1	<0.1	10.0
	6/9/15	<2157.57	NT-Dry										
	4/13/16	2163.92	4.26	4.50	-66.2	826	6.31	10.89	NT	3.00	<0.1	0.40	18.10
	4/19/17	2164.96	3.22	0.52	-44.9	428	7.02	9.11	NT	NT	NT	NT	NT
	3/14/18	2164.43	3.75	0.49	19.1	305	6.48	8.00	NT	NT	NT	NT	NT
	4/12/19	2163.45	4.73	0.15	-81.8	1,184	10.87	9.56	149.60	NT	NT	NT	NT
	3/13/20	2162.59	5.59	0.13	63.2	400	5.20	9.50	459.16	NT	NT	NT	NT
* Turbidity and pH readings on 3/13/20 seem inaccurate due to meter malfunction													

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Well ID (top of PVC casing elevation above MSL in feet)	Date Sampled	Ground-water Elevation (ft)	Ground-water Depth (ft)	Dissolved Oxygen (mg/l)	Oxidation Reduction Potential (RE-DOX)(mV)	Specific Conductivity (µS/cm)	pH (pH unit)	Temperature (degrees C)	Turbidity (NTU)	Ferrous Iron (mg/L)	NO2/N (mg/L)	NO3/N (mg/L)	Sulfate (mg/L)
MW-4													
Elevation (toc)	3/25/09	2161.97	6.19	6.91	21.7	794	7.14	9.54	3.10	0.1	<0.1	0.37	3.57
2168.16	6/26/09	2156.33	11.83	0.06	-99.3	937	6.87	11.80	34.0	55.0	<0.1	<0.1	
Depth (ft)	9/29/09	<2155.44	NT-Dry										<0.1
12.92	12/11/09	2158.06	10.10	0.08	-263.0	987	6.93	12.87	NT	9.0	NT	<0.1	22.2
	3/24/10	2161.56	6.60	0.03	-236.2	1,000	7.14	10.41	2.2	7.0	<0.1	<0.1	16.2
	6/16/10	2161.48	6.68	0.04	-254.6	736	6.56	10.35	1.28	4.0	<0.1	<0.1	
	9/14/10	2155.79	12.37	NT - Dry, would not recharge									14.6
	12/7/10	2158.69	9.47	0.15	-92.9	516	6.47	12.78	12.9	3.0	<0.1	<0.1	12.7
	3/24/11	2162.86	5.30	0.33	-25.7	533	6.73	8.84	3.30	0.8	<0.1	<0.1	14.8
	6/22/11	2161.61	6.55	0.59	-50.3	1,018	6.53	11.13	2.10	2.0	<0.1	<0.1	5.90
	11/22/11	2157.76	10.40	1.41	-80.9	1,322	6.26	12.21	NT	10.0	<0.1	<0.1	1.87
	12/28/11	2159.92	8.24	1.45	-116.9	1,262	6.53	11.77	NT	>10	<0.1	<0.1	54.9
	3/16/12	2161.15	7.01	9.57	13.8	1,094	6.95	8.72	3.20	<0.1	<0.1	1.4	
	Duplicate												11.0
	6/28/12	2160.88	7.28	1.27	-140.0	953	7.81	10.61	NT	NT	<0.1	<0.1	
	9/28/12	<2155.44	NT-Dry										55.0
	1/10/13	2160.02	8.14	1.20	10.6	1,108	6.94	11.10	1.35	0.3	NT	<0.1	11.4
	4/2/13	2161.91	6.25	0.74	-17.7	756	6.86	9.34	2.64	1.0	<0.1	<0.1	3.73
	6/12/13	2158.81	9.35	1.16	-75.8	1,148	6.98	10.19	16.2	6.0	<0.1	<0.1	
	10/16/13	<2155.44	NT-Dry										3.90
	12/17/13	2157.06	11.10	1.70	-121.0	1,009	6.42	12.76	NT	10.0	NT	<0.1	71.3
	3/17/14	2161.73	6.43	2.28	-153.0	1,665	6.68	9.72	NT	4.0	<0.1	<0.1	2.70
	6/4/14	2157.71	10.45	1.87	-154.1	1,401	6.54	10.47	NT	10.0	<0.1	<0.1	
	9/22/14	<2155.44	NT-Dry										
	12/3/14	<2155.44	NT-Dry										318
	12/22/14	2158.38	9.78	NA	15.5	929	6.31	12.94	NT	NT	<0.1	<0.1	
	3/18/15	2162.36	5.80	1.34	-89.2	877	6.48	10.52	NT	9.00	<0.1	<0.1	72.4
	6/9/15	2157.51	10.65	1.27	-143.7	1,136	6.70	11.92	NT	10.00	<0.3	<0.3	37.2
	4/13/16	2163.74	4.42	7.80	-54.4	1,036	6.51	9.81	NT	6.00	<0.1	<0.1	25.1
	4/19/17	2164.45	3.71	-0.02	-122.2	980	6.60	9.89	NT	NT	NT	NT	NT
	3/14/18	2164.05	4.11	0.21	-80.5	1,328	6.22	9.78	32.3	NT	NT	NT	NT
	4/12/19	2163.14	5.02	0.17	-88.4	3,071	10.72	8.89	67.5	NT	NT	NT	NT
Duplicate	3/13/20	2162.39	5.77	0.18	85.8	1,063	4.76	9.61	1006.88	NT	NT	NT	NT
* Turbidity and pH readings on 3/13/20 seem inaccurate due to meter malfunction													

Table 3
Summary of Physical Water Quality Results

Well ID (top of PVC casing elevation above MSL in feet)	Date Sampled	Ground-water Elevation (ft)	Ground-water Depth (ft)	Dissolved Oxygen (mg/l)	Oxidation Reduction Potential (RE-DOX) (mV)	Specific Conductivity (µS/cm)	pH (pH unit)	Temperature (degrees C)	Turbidity (NTU)	Ferrous Iron (mg/L)	NO2/N (mg/L)	NO3/N (mg/L)	Sulfate (mg/L)	
MW-6														
Elevation (toc)	3/28/2009	2162.51	6.65	9.93	-73.6	1,216	6.65	11.01	44	2.0	<0.1	<0.1	2.49	
2169.16	Duplicate								40		<0.1	<0.1	0.81	
Depth (ft)	6/26/09	2158.80	10.36	0.06	-72.7	991	6.81	12.45	27	12.0	<0.1	<0.1		
14.81	9/29/09	<2154.35	NT-Dry										0.13	
	12/10/09	2158.15	11.01	0.16	-234.0	1,027	6.89	14.15	NT	6.0	NT	<0.1	1.22	
	3/24/10	2162.25	6.91	0.08	-212.1	960	7.08	12.30	5.3	8.0	<0.1	<0.1	3.05	
	6/16/10	2162.37	6.79	0.06	-253.6	742	6.44	12.20	2.1	7.0	<0.1	<0.1		
	9/14/10	2154.21	13.95	NT - Dry, would not recharge										0.26
	12/7/10	2157.40	10.76	0.12	-85.0	539	6.54	13.89	2.50	7.0	<0.1	<0.1	14.4	
	3/25/11	2162.67	5.49	0.20	-71.3	1,444	6.61	11.78	2.40	7.0	<0.1	<0.1	4.85	
	6/22/11	2161.66	6.50	0.51	-77.5	1,018	6.47	12.64	1.53	5.0	<0.1	<0.1	4.58	
	Duplicate										<0.1	<0.1	0.30	
	11/22/11	2155.10	13.06	1.94	-145.4	1,147	6.22	13.52	NT	7.0	<0.1	<0.1	0.67	
	12/28/11	2158.83	9.33	1.47	-122.4	1,158	6.34	13.63	NT	10.0	<0.1	<0.1	0.36	
	3/16/12	2160.66	7.50	2.12	-116.2	1,118	6.85	11.07	1.50	0.9	<0.1	<0.1	4.65	
	6/28/12	2161.88	7.28	2.31	-141.0	1,209	6.79	12.37	NT	NT	<0.1	<0.1		
	9/28/12	<2154.35	NT-Dry										0.47	
	1/10/13	2160.40	8.76	3.57	20.1	993	6.83	11.73	47.8	22	NT	<0.1	0.58	
	4/2/13	2162.60	6.56	0.24	-51.0	999	6.87	12.07	27.0	8.0	<0.1	<0.1	<0.1	
	6/12/13	2159.46	8.70	1.02	-63.3	1,011	6.95	12.16	14.4	8.0	<0.1	<0.1		
	10/16/13	<2154.35	NT-Dry										1.93	
	12/17/13	2155.26	12.90	1.83	-215.0	886	6.42	14.10	NT	10.0	NT	<0.1	51.0	
	3/17/14	2161.71	6.45	1.74	-208.0	1,265	6.52	12.19	NT	8.0	<0.1	<0.1	40.6	
	6/4/14	2159.66	8.50	3.77	-172.4	1,257	6.50	12.74	NT	9.0	<0.1	<0.1		
	9/22/14	<2154.35	NT-Dry										366	
	12/3/14	2155.33	12.83	3.05	84.8	955	5.15	14.02	NT	NT	<0.1	2.06		
	3/18/15	2162.26	5.90	1.59	-40.7	2,007	6.45	12.45	NT	16.0	0.510	53.1	517	
	6/9/15	2159.47	8.69	1.87	3.9	1,517	6.67	13.27	NT	4.0	<2.0	7.74	366	
	4/16/16	2163.52	4.64	5.50	-31.7	901	6.42	11.29	NT	8.0	<0.1	2.99	239	
Duplicate (MW673)	4/16/16								NT	-	<0.1	2.51	263	
	4/19/17	2165.66	3.50	1.42	-55.8	961	6.65	9.83	NT	NT	NT	NT	NT	
	3/14/18	2165.02	4.14	1.81	-32.9	1,127	6.31	10.17	49.0	NT	NT	NT	NT	
Duplicate	4/12/19	2164.11	5.05	3.43	-21.9	1,430	10.65	9.50	134.8	NT	NT	NT	NT	
	3/13/20	2163.29	5.87	0.19	69.7	910	4.91	10.78	1931.8	NT	NT	NT	NT	

* Turbidity and pH readings on 3/13/20 seem inaccurate due to meter malfunction

Table 3
Summary of Physical Water Quality Results

Well ID (top of PVC casing elevation above MSL in feet)	Date Sampled	Ground-water Elevation (ft)	Ground-water Depth (ft)	Dissolved Oxygen (mg/l)	Oxidation Reduction Potential (RE-DOX)(mV)	Specific Conductivity (µS/cm)	pH (pH unit)	Temperature (degrees C)	Turbidity (NTU)	Ferrous Iron (mg/L)	NO2/N (mg/L)	NO3/N (mg/L)	Sulfate (mg/L)	
MW-7													13.0	
Elevation (toc)	3/28/09	2163.10	5.93	12.55	-3	672	6.99	9.72	8.00	<0.1	<0.1	3.4	18.7	
2169.03	6/26/09	2159.49	9.54	0.92	1	507	7.06	12.70	8.60	<0.1	<0.1	2.2		
Depth (ft)	9/29/09	<2153.10	NT-Dry										35.6	
15.93	12/11/09	2159.94	9.09	1.27	-78	401	7.16	14.10	NT	1.2	NT	0.20	36.3	
	Duplicate									1.0		0.13	11.2	
	3/24/10	2162.72	6.31	3.48	-97	461	7.30	11.99	25.0	0.1	<0.1	2.3	11.6	
	6/16/10	2162.76	6.27	5.50	-144	395	6.86	12.83	2.1	<0.1	<0.1	3.8		
	9/14/10	2153.93	15.10	NT - Dry, would not recharge										27.8
	12/8/10	2158.78	10.25	0.17	82	251	6.66	14.02	7.1	<0.1	<0.1	<0.1	9.57	
	3/25/11	2164.21	4.82	6.48	100	1,220	7.00	8.77	6.5	<0.1	<0.1	2.5	13.2	
	6/22/11	2163.14	5.89	6.00	68	530	6.83	12.77	3.1	<0.1	<0.1	3.5	35.7	
	11/22/11	2157.19	11.84	5.03	-33	547	6.26	14.01	NT	<0.1	<0.1	0.2	29.9	
	12/28/11	2159.90	9.13	2.92	-51	580	6.30	13.42	NT	<0.1	<0.1	<0.1	6.80	
	3/15/12	2161.09	7.94	7.57	17.0	487	7.74	9.85	11.0	<0.1	<0.1	1.6	8.09	
	6/28/12	2162.75	6.28	6.42	29.6	547	7.26	13.51	NT	NT	<0.1	2.5		
	9/28/12	<2153.10	NT-Dry										8.32	
	1/10/13	2161.38	7.65	6.82	249.0	725	6.82	10.22	58.4	0.2	NT	1.0	9.56	
	4/1/13	2162.90	6.13	6.50	212.6	532	7.43	10.13	9.63	<0.1	<0.1	3.32	12.2	
	6/12/13	2160.91	8.12	7.60	184.0	554	7.40	12.42	5.37	<0.2	<0.1	2.81		
	10/16/13	<2153.10	NT-Dry										41.1	
	12/17/13	2156.83	12.20	7.04	122.10	466	6.37	13.08	NT	0.0	NT	0.14	14.7	
	3/17/14	2162.98	6.05	9.47	67.60	833	6.94	9.87	NT	0.0	<0.1	3.23	15.9	
	6/4/14	2160.61	8.42	7.64	76.20	804	6.68	12.01	NT	0.0	<0.1	3.45		
	9/22/14	<2153.10	NT-Dry										59.3	
	12/3/14	2156.21	12.82	2.06	100.9	606	5.61	13.87	NT	NT	<0.1	1.35	21.9	
	12/22/14	2160.79	8.24	NA	66.3	539	7.06	14.28	NT	NT	NT	1.71		
	3/18/15	2163.81	5.22	11.0	106.5	621	7.14	10.55	NT	0.0	<0.1	4.36	15.0	
(Duplicate)	3/18/15	2163.81	5.22								<0.1	4.40	15.3	
	6/9/15	2160.64	8.39	5.4	89.1	590	7.12	13.15	NT	0.0	<0.1	2.03	17.5	
	5/9/16	2164.35	4.68	3.4	270.5	643	6.57	11.95	NT	0.0	<0.1	4.57	16.7	
	4/19/17	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
	3/14/18	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
	4/12/19	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
	3/13/20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	

Table 3
Summary of Physical Water Quality Results

Well ID (top of PVC casing elevation above MSL in feet)	Date Sampled	Ground-water Elevation (ft)	Ground-water Depth (ft)	Dissolved Oxygen (mg/l)	Oxidation Reduction Potential (RE-DOX) (mV)	Specific Conductivity (µS/cm)	pH (pH unit)	Temperature (degrees C)	Turbidity (NTU)	Ferrous Iron (mg/L)	NO2/N (mg/L)	NO3/N (mg/L)	Sulfate (mg/L)
MW-8													
Elevation (toc)	3/25/09	<2162.49	NT-Dry										
2172.26	6/26/09	<2162.49	NT-Dry										
Depth (ft)	9/29/09	<2162.49	NT-Dry										
9.77	12/10/09	<2162.49	NT-Dry										
	3/25/10	<2163.49	8.89	NT - Dry, would not recharge									
	6/16/10	<2163.49	8.91	NT - Dry, would not recharge									
	9/14/10	<2162.49	NT-Dry										
	12/7/10	<2162.49	NT	snow had been plowed many feet high in the area covering this well. Did not find.									134
	3/24/11	2162.49	9.77	0.64	57.0	1,250	6.90	9.0	1.38	<0.1	<0.1	<0.1	98.7
	6/21/11	2163.85	8.41	2.29	17.2	1,412	6.73	14.0	7.70	<0.1	<0.1	<0.1	
	11/22/11	<2162.49	NT-Dry										
	12/28/11	<2162.49	NT-Dry										
	3/15/12	<2162.49	10.08	NT - Dry, would not recharge									
	6/28/12	<2162.49	NT-Dry										
	9/28/12	<2162.49	NT-Dry										
	1/10/13	<2162.49	NT-Dry										
	4/1/13	<2162.49	NT-Dry										
	6/12/13	<2162.49	NT-Dry										
	10/16/13	<2162.49	NT-Dry										
	12/17/13	<2162.49	NT-Dry										
	3/17/14	<2162.49	NT-Dry										
	6/4/14	<2162.49	NT-Dry										
	9/22/14	<2162.50	NT-Dry										
	12/3/14	<2162.50	NT-Dry										
	12/22/14	<2162.50	NT-Dry										
	3/18/15	2164.08	8.18	6.14	209.10	2482	6.06	11.11	NT	NT	NT	NT	NT
	6/9/15	<2162	NT-Dry										
	4/13/16	2166.69	5.57	28.00	119.40	2642	6.95	11.12	NT	0.0	<0.1	2.84	287.0
	4/19/17	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/14/18	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/12/19	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/13/20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

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Well ID (top of PVC casing elevation above MSL in feet)	Date Sampled	Ground-water Elevation (ft)	Ground-water Depth (ft)	Dissolved Oxygen (mg/l)	Oxidation Reduction Potential (RE-DOXI)(mV)	Specific Conductivity (µS/cm)	pH (pH unit)	Temperature (degrees C)	Turbidity (NTU)	Ferrous Iron (mg/L)	NO2/N (mg/L)	NO3/N (mg/L)	Sulfate (mg/L)
MW-9												-	73.8
Elevation (toc)	3/25/09	2162.37	6.61	6.47	84.0	1,440	7.48	9.43	2.4	<0.1	<0.1	3.6	81.3
2168.98	6/26/09	2160.35	8.63	5.88	31.7	1,025	7.38	10.70	36	<0.1	<0.1	2.9	81.9
Depth (ft)	Duplicate										<0.1	2.9	
12.75	9/29/09	<2156.23	NT-Dry										60.0
	12/11/09	2157.70	11.28	4.56	38.8	975	7.45	12.78	NT	<0.1	NT	3.3	45.6
	3/25/10	2162.25	6.73	5.33	-95.3	897	7.62	10.26	8.5	<0.1	<0.1	4.9	39.7
	6/16/10	2162.27	6.71	4.37	-49.6	700	7.14	10.72	10.5	<0.1	<0.1	6.7	
	9/14/10	2156.68	12.30	NT - Dry, would not recharge									47.0
	12/7/10	2159.28	9.70	4.45	5.00	477	7.02	12.72	20	<0.1	<0.1	4.9	32.8
	3/24/11	2164.23	4.75	5.15	86.5	847	7.21	8.24	1.3	<0.1	<0.1	13.8	49.5
	6/21/11	2162.66	6.32	7.18	52.1	1,036	7.18	11.97	1.5	<0.1	<0.1	9.8	
	11/22/11	2156.26	12.72	NT - Dry, would not recharge									
	12/28/11	NT - Inaccessible, vehicle parked over well											46.2
	3/15/12	2161.33	7.65	7.72	16.9	1,138	7.88	9.31	9.4	<0.1	<0.1	6.9	45.3
	6/28/12	2161.80	7.18	6.91	42.5	1,660	8.83	10.99	NT	NT	<0.1	6.7	
	9/28/12	<2156.23	NT-Dry										
	1/10/13	NT-Inaccessible											41.3
	4/1/13	2162.66	6.32	5.88	187	1,035	7.59	9.85	2.47	<1	<0.1	10.3	48.8
	6/12/13	2160.13	8.85	6.68	226	899	7.32	10.70	6.92	<0.2	<0.1	8.94	
	10/16/13	<2156.23	DRY	NT									
	12/17/13	<2156.23	DRY										33.0
	3/17/14	2161.86	7.12	8.14	63.1	882	7.11	9.38	NT	0.0	<0.1	9.61	41.9
	6/4/14	2159.90	9.08	6.08	84.8	973	6.91	10.33	NT	0.0	<0.1	11.1	
	9/22/14	<2156.23	NT-Dry										
	12/3/14	<2156.23	NT-Dry										37.3
	12/22/14	2158.28	10.70	NA	-26.6	811	7.37	12.99	NT	NT	<0.1	11.6	
	3/18/15	2163.13	5.85	8.20	197.9	1,034	7.18	10.36	NT	0.0	<0.1	17.2	33.1
	6/9/15	2159.22	9.76	5.81	73.1	868	7.39	11.92	NT	0.0	<0.2	13.9	36.1
	4/13/16	2165.28	3.70	6.39	117.0	1,273	7.04	9.93	NT	0.0	<0.1	20.8	39.0
	4/19/17	2166.99	1.99	7.21	153.5	1,022	7.25	9.89	NT	NT	NT	NT	NT
(Duplicate)	3/14/18	2166.23	2.75	5.92	342.7	1,291	6.75	8.11	40.80	NT	NT	NT	NT
	4/12/19	2164.50	4.48	6.03	327.7	2,935	12.33	8.33	84.50	NT	NT	NT	NT
	3/13/20	2163.47	5.51	6.12	381.9	1,027	5.61	9.06	921.69	NT	NT	NT	NT

* Turbidity and pH readings on 3/13/20 seem inaccurate due to meter malfunction

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Well ID (top of PVC casing elevation above MSL in feet)	Date Sampled	Ground- water Elevation (ft)	Ground- water Depth (ft)	Dissolved Oxygen (mg/l)	Oxidation Reduction Potential (RE-DOX) (mV)	Specific Conductivity (µS/cm)	pH (pH unit)	Temperature (degrees C)	Turbidity (NTU)	Ferrous Iron (mg/L)	NO2/N (mg/L)	NO3/N (mg/L)	Sulfate (mg/L)	
MW-10														
Elevation (toc)	3/25/09	2162.51	7.56	4.49	-85	1,089	6.92	10.92	18	10.0	<0.1	<0.1	43.3	
2170.07	6/26/09	<2155.93	NT-Dry											
Depth (ft)	9/29/09	<2155.93	NT-Dry										<0.1	
14.14	12/11/09	2158.39	11.68	0.05	-246	819	7.00	13.95	NT	3.6	NT	<0.1	8.6	
	3/25/10	2162.08	7.99	0.03	-263	815	7.13	11.72	2.9	4.0	<0.1	0.14	38.3	
	6/16/10	2161.96	8.11	0.09	-268	613	6.51	11.72	2.6	3.0	<0.1	0.30		
	9/14/10	2156.83	13.24	NT - Dry. would not recharge										<0.1
	12/7/10	2158.87	11.20	0.18	-145	449	6.59	13.75	0.50	8.0	<0.1	<0.1	30.0	
	3/24/11	2155.73	14.34	0.30	-116	643	6.68	10.94	1.03	4.0	<0.1	2.02	43.5	
	6/22/11	2162.35	7.72	0.59	35.3	947	6.55	12.22	2.00	0.1	<0.1	10.7	0.24	
	11/22/11	2158.26	11.81	1.23	-100.9	925	6.42	13.47	NT	6.0	<0.1	<0.1	0.55	
	12/28/11	2160.30	9.77	0.86	-65.5	891	6.64	13.29	NT	5.0	<0.1	<0.1	0.69	
	Duplicate										<0.1	<0.1	80.9	
	3/16/12	2161.62	8.45	1.77	-86.2	1,132	6.63	10.58	2.50	3.0	<0.1	3.85	20.9	
	6/28/12	2161.01	9.06	0.92	-131.0	762	7.90	11.66	NT	NT	<0.1	1.88		
	9/28/12	2156.30	13.77	NT - Dry. would not recharge										
	1/10/13	NT-Inaccessible due to snow bank											3.11	
	4/2/13	2162.53	7.54	0.18	-49.3	743	7.03	11.13	23.4	3.0	<0.1	0.30	23.7	
	6/12/13	2159.27	10.8	1.12	-22.7	677	7.06	11.59	1.41	0.0	<0.1	<0.1		
	10/16/13	<2155.93	DRY										0.46	
	12/17/13	2157.87	12.2	1.61	-138.7	628	6.65	14.20	NT	6.0	NT	<0.1	21.8	
	3/18/14	2162.22	7.85	1.60	-136.0	851	6.58	11.05	NT	2.0	<0.1	0.31	32.1	
	6/4/14	2157.87	12.2	1.67	-115.7	774	6.59	11.91	NT	2.0	<0.1	<0.1		
	9/22/14	<2155.93	DRY											
	12/3/14	<2155.93	DRY										7.41	
	12/22/14	2158.97	11.1	NA	-139.7	756	7.02	14.31	NT	NT	<0.1	<0.1		
	3/18/15	2162.92	7.15	0.43	-109.5	853	6.74	11.80	NT	3.0	<0.1	2.10	20.9	
	6/9/15	2156.82	13.25	6.91	57.9	1,189	7.13	14.72	NT	2.0	0.394	0.8	48.5	
Duplicate	6/9/15	2156.82	13.25	6.91	57.9	1,189	7.13	14.72	NT	2.0	0.152	0.3	35.5	
	4/16/16	2164.82	5.25	3.40	-71.8	768	6.59	12.13	NT	6.0	<0.1	<0.1	22.6	
	4/19/17	2165.85	4.22	-0.04	-84.6	556	6.85	11.44	NT	NT	NT	NT	NT	
	3/14/18	2165.20	4.87	0.12	-80.6	649	6.44	10.61	95.6	NT	NT	NT	NT	
	4/12/19	2164.17	5.90	0.18	-44.2	1,451	10.99	9.83	129.8	NT	NT	NT	NT	
	3/13/20	2163.11	6.96	0.31	157.1	575	5.14	10.56	2341.8	NT	NT	NT	NT	
* Turbidity and pH readings on 3/13/20 seem inaccurate due to meter malfunction														

Table 3
Summary of Physical Water Quality Results

Well ID (top of PVC casing elevation above MSL in feet)	Date Sampled	Ground-water Elevation (ft)	Ground-water Depth (ft)	Dissolved Oxygen (mg/l)	Oxidation Reduction Potential (RE-DOX)(mV)	Specific Conductivity (µS/cm)	pH (pH unit)	Temperature (degrees C)	Turbidity (NTU)	Ferrous Iron (mg/L)	NO2/N (mg/L)	NO3/N (mg/L)	Sulfate (mg/L)
MW-11													
Elevation (toc)	3/25/09	2161.70	8.35	10.65	30	1,779	6.53	10.87	28	3.0	<0.1	<0.1	98.8
2170.05	6/26/09	<2156.93	NT-Dry	NT-Dry									
Depth (ft)	9/29/09	<2156.93	13.12	NT-Dry									170
13.12	12/10/09	2161.08	8.97	0.14	-242	1,170	6.43	13.20	NT	4.0	NT	<0.1	164
	3/24/10	2161.8	8.25	0.52	-68.6	1,293	6.6	10.67	2.4	4.0	<0.1	<0.1	243
	6/17/10	2161.67	8.38	0.00	-170.5	550	5.98	10.49	0.85	4.0	<0.1	<0.1	96.2
	9/14/10	2159.75	10.30	0.20	12.9	1,388	6.09	14.64	23	3.0	<0.1	0.15	116
	Duplicate										<0.1	<0.1	117
	12/7/10	2161.33	8.72	0.11	-26.0	616	6.14	12.28	2.1	0.8	<0.1	<0.1	114
	3/24/11	2162.66	7.39	0.22	45.0	1,129	6.23	10.86	1.22	5.0	<0.1	<0.1	144
	6/21/11	2161.64	8.41	0.51	-21.4	1,803	6.06	12.64	0.63	20	<0.1	<0.1	77.0
	11/22/11	2160.98	9.07	0.95	-1.9	1,281	6.07	13.32	NT	>10	<0.1	<0.1	66.4
	Duplicate										<0.1	<0.1	73.0
	12/28/11	2161.08	8.97	1.38	-2.4	1,189	6.01	12.63	NT	2.0	<0.1	<0.1	83.1
	3/16/12	2161.56	8.49	1.87	6.1	1,528	6.31	9.93	3.2	3.0	<0.1	<0.1	99.2
	6/28/12	2161.07	8.98	2.11	-37.4	1,758	6.62	10.93	NT	NT	<0.1	<0.1	95.4
	9/28/12	2157.99	12.06	NT - Dry, would not recharge		1,780	6.34	NT	640	15.0	<0.1	<0.1	100
	1/10/13	2160.68	9.37	2.45	171.2	1,407	6.31	10.38	20.9	8.0	NT	<0.1	98.1
	4/1/13	2162.05	8.00	0.23	27.5	1,148	6.72	10.31	2.49	6.0	<0.1	<0.1	136
	6/12/13	2159.75	10.30	4.39	36.2	1,601	6.57	10.88	3.71	<0.2	<0.1	<0.1	78.7
	10/16/13	2157.97	12.08	1.80	-50.7	1,018	6.3	13.3	NT	15.0	<0.1	<0.1	214
	12/17/13	2160.05	10.00	1.67	-3.8	1,032	6.04	13.34	NT	1.0		<0.1	228
	3/18/14	2161.90	8.15	2.97	-10.3	1,732	6.13	10.32	NT	0.80	<0.1	<0.1	254
	6/4/14	2159.17	10.88	2.27	-7.4	1,736	6.18	10.06	NT	10.0	<0.1	<0.1	
	9/22/14	2158.17	11.88	NT - Dry, would not recharge									129
	12/3/14	2159.90	10.15	2.05	-94.8	766	5.52	12.89	NT	NT	<0.1	<0.1	
	3/18/15	2161.05	9.00	0.16	-10.6	842	6.34	11.5	NT	10.0	<0.1	<0.1	89.0
	6/9/15	2159.37	10.68	2.24	-50.4	1,198	6.48	12.26	NT	10.0	<0.5	<0.5	61.3
	4/13/16	2163.26	6.79	6.00	-33.7	1,492	6.24	11.56	NT	20.0	<0.1	<0.1	147.0
	4/19/17	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/14/18	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/12/19	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/13/20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Table 3
Summary of Physical Water Quality Results

Well ID (top of PVC casing elevation above MSL in feet)	Date Sampled	Ground-water Elevation (ft)	Ground-water Depth (ft)	Dissolved Oxygen (mg/l)	Oxidation Reduction Potential (RE-DOX)(mV)	Specific Conductivity (µS/cm)	pH (pH unit)	Temperature (degrees C)	Turbidity (NTU)	Ferrous Iron (mg/L)	NO2/N (mg/L)	NO3/N (mg/L)	Sulfate (mg/L)
MW-12													26.7
Elevation (toc)	3/25/09	2161.31	6.95	4.6	17.6	417	7.13	7.7	0.25	<0.1	<0.1	<0.1	113
2168.26	7/16/09	2156.62	11.64	1.8	24	520	7.06	10.94	NT	NT	<0.5	<0.5	
Depth (ft)	9/29/09	<2154.66	13.60	NT-Dry									29.8
13.60	12/11/09	2159.28	8.98	0.04	-50.7	367	7.55	6.14	NT	<0.1	NT	2.61	29.6
	3/24/10	2161.29	6.97	0.1	-137.7	319	7.46	5.93	1.62	<0.1	<0.1	<0.1	29.8
	6/17/10	2161.01	7.25	0.08	-195.1	119	6.79	12.21	16.9	<0.1	<0.1	<0.1	
	9/14/10	2155.02	13.24	NT - Dry, would not recharge									
	12/7/10	well head covered with Christmas decorations and snow, could not access the well											58.3
	3/25/11	2162.11	6.15	1.04	99.7	1,019	6.84	7.51	2.1	<0.1	<0.1	0.23	84.8
	6/21/11	2161.05	7.21	1.19	34.9	862	6.58	10.29	0.48	<0.1	<0.1	0.24	38.1
	11/22/11	2159.55	8.71	6.14	-5.2	441	6.76	7.75	NT	<0.1	<0.1	3.02	31.4
	12/28/11	2160.35	7.91	4.48	-30.8	396	7.05	7.83	NT	<0.1	<0.1	2.76	22.6
	3/15/12	2160.89	7.37	4.5	-3.1	312	7.27	5.81	1.14	<0.1	<0.1	<0.1	24.6
	6/28/12	2160.48	7.78	9.1	-56.1	494	8.21	12.39	NT	NT	<0.1	<0.1	
	9/28/12	<2154.66	NT-Dry										30.2
	1/10/13		7.76	8.1	94.2	350	7.10	5.66	0.344	<0.1	NT	2.62	58.2
	4/1/13	2161.67	6.59	0.63	145.2	637	7.27	7.23	18.4	<0.1	<0.1	1.26	18.5
	6/12/13	2158.31	9.95	1.03	112.6	429	7.28	12.54	0.234	<0.2	<0.1	<0.1	
	10/16/13	<2154.66	NT-Dry										34.7
	12/17/13	2158.91	9.35	6.63	-16.8	328	6.87	5.73	NT	0.0	NT	2.93	25.7
	3/17/14	2161.31	6.95	3.04	-60.0	343	7.10	5.32	NT	0.0	<0.1	0.35	29.3
	6/4/14	2156.91	11.35	1.71	42.3	450	6.75	11.75	NT	1.0	<0.1	<0.1	
	9/22/14	<2154.66	NT-Dry										
	12/3/14	<2154.66	NT-Dry										44.0
	12/22/14	2159.64	8.62	NA	108.7	385	7.46	7.25	NT	NT	<0.1	3.30	
	3/18/15	2161.86	6.40	2.05	202.8	843	8.86	9.07	NT	0	NT	0.407	57.6
	6/9/2015	2156.34	11.92	1.25	-100.3	652	6.95	11.35	NT	0	<0.2	<0.2	52.4
	4/16/2016	2162.77	5.49	10.4	149.7	774	6.55	11.86	NT	0	<0.1	1.35	64.7
	4/19/2017	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/14/2018	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/12/2019	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/13/2020	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Table 4
Summary of Petroleum Results

Well Number	Date Sampled	GRPH (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	DRPH (µg/L)	ORPH (µg/L)
Cleanup Level		800	5.00	1000	700	1000	500	500
MW-1	4/29/05	302	<0.5	<2.0	<1.0	<1.5	<250	<500
NT-Dry	8/10/05	NT	NT	NT	NT	NT	NT	NT
	12/19/05	<100	<0.5	<2.0	<1.0	<1.5	<250	<500
	4/27/06	6000	120	29.5	141	211	901	<500
	9/29/06	963	16.2	<2.0	29.2	6.56	349	<500
	12/19/06	478	2.81	<2.0	8.02	3.29	<250	<500
	3/19/07	150000	2170	615	3860	4720	1000	<500
	6/26/07	819	27.6	<2.0	31.2	13.0	<250	<500
	11/2/07	333	<0.5	<2.0	2.44	3.46	<250	<500
	3/27/08	1140	12.9	2.30	31.8	11.3	650	<500
	Duplicate	1430	14.8	2.73	34.2	30.9	680	<500
	6/4/08	1240	19.7	3.77	25.0	8.63	921	<472
NT-Dry	9/12/08	NT	NT	NT	NT	NT	NT	NT
	12/3/08	132	<0.5	<2.0	<1.0	<1.5	<236	<472
	3/25/09	<500	<1.0	<1.0	1.3	<2.0	<100	<500
	6/26/09	<500	<1.0	<1.0	<1.0	<2.0	<100	<500
	9/29/09	535	<1.0	<1.0	<1.0	<2.0	164	<500
	12/10/09	<500	<1.0	<1.0	<1.0	<2.0	<100	<500
	3/24/10	301	<1.0	<1.0	<1.0	1.25	119	<500
	6/17/10	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
	9/14/10	314	<1.0	<1.0	2.14	1.89	<100	<500
	12/7/10	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
	3/24/11	483	<1.0	1.16	6.20	4.89	161	<500
	6/21/11	1320	8.23	2.42	24.8	16.5	182	<500
	11/22/11	176	<1.0	<1.0	<1.0	<2.0	<100	<500
	12/28/11	185	<1.0	<1.0	<1.0	<2.0	<100	<500
	3/16/12	167	<1.0	<1.0	<1.0	<3.0	<1.0	<500
	6/28/12	268	<1.0	<1.0	<1.0	<3.0	<0.1	<500
NT-Dry	9/28/12	NT	NT	NT	NT	NT	NT	NT
	1/10/13	<100	<1.0	<1.0	<1.0	<3.0	<100	<500
	4/1/13	128	<1.0	1.11	<1.0	<3.0	<100	<500
	6/12/13	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
	10/16/13	NT	<1.0	<1.0	<1.0	<1.0	<100	<500
	12/17/13	<100	<0.5	<0.5	<0.5	<1.5	<100	<500
	Duplicate	<100	<0.5	<0.5	<0.5	<1.5	<100	<500
	3/18/14	1930	<0.5	<0.5	<0.5	<1.5	<100	<500
	6/4/14	195	<0.5	<0.5	<0.5	<1.0	<100	<500
NT-Dry	9/22/14	NT	NT	NT	NT	NT	NT	NT
	12/3/14	126	<0.5	<0.5	<0.5	<1.0	<100	<500
	3/18/15	2230	0.95	1.38	26.2	29.04	<100	<500
	6/9/15	1030	2.4	<0.5	12.6	4.9	<100	<500
	4/16/16	8220	15.0	4.5	101.0	94.5	<100	<500
	4/19/17	7580	5.4	2.9	77.0	55.0	<100	<500
	3/14/18	6890	<100	<100	<100	<200	<100	<500
	4/12/19	3970	2.70	1.94	<1.0	45.8	<100	<500
	3/13/20	2580	2.15	1.22	4.40	5.33	<100	<500

Table 4
Summary of Petroleum Results

Well Number	Date Sampled	GRPH (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	DRPH (µg/L)	ORPH (µg/L)
Cleanup Level		800	5.00	1000	700	1000	500	500
MW-2	4/29/05	18200	1190	<100	1170	1300	3400	<500
NT-Dry	8/10/05	NT	NT	NT	NT	NT	NT	NT
	12/19/05	11700	1790	421	262	1740	5330	<500
	4/29/06	20400	1380	313	1330	1930	1900	<500
	12/19/06	15000	645	213	1020	1420	5290	539
	3/19/07	15800	861	153	969	1250	4730	1000
	6/26/07	21800	2320	709	1690	2710	4020	<500
	3/28/08	10900	672	128	690	938	4630	<500
NT-Dry	12/3/08	NT	NT	NT	NT	NT	NT	NT
	3/28/09	14200	570	101	717	913	2500	<500
NT-Dry	6/26/09	NT	NT	NT	NT	NT	NT	NT
NT-Dry	9/29/09	NT	NT	NT	NT	NT	NT	NT
	12/10/09	16700	1210	287	1050	1260	<100	<500
	3/24/10	14500	649	102	828	709	3540	<500
	6/16/10	16100	1050	241	1090	1435	823	<500
NT-Dry	9/14/10	NT	NT	NT	NT	NT	NT	NT
	12/8/10	21600	1150	167	1680	2154	<100	1340
	3/23/11	5510	353	68.6	570	488	881	706
	Duplicate	5750	379	74.0	568	530	1690	702
	6/22/11	8130	382	72.6	729	626	616	<500
	11/22/11	1730	73.0	17.0	111	140	<100	<500
	12/28/11	10400	335	52.0	579	514	<100	<500
	3/16/12	13600	587	118	988	1192	408	<500
	6/28/12	13000	413	85.2	712	859	<100	<500
NT-Dry	9/28/12	NT	NT	NT	NT	NT	NT	NT
	1/10/13	19000	572	185	1130	1452	<100	200
	4/2/13	7580	299	50.6	576	526	<100	<500
	6/12/13	15300	560	118	959	1193	428	<500
NT-Dry	10/16/13	NT	NT	NT	NT	NT	NT	NT
	12/17/13	7040	412	94.6	754	1000	4230	676
	3/18/14	8610	272	<25	390	664	634	<500
	6/4/14	3000	176	25.8	59.7	272	<100	<500
NT-Dry	9/22/14	NT	NT	NT	NT	NT	NT	NT
NT-Dry	12/3/14	NT	NT	NT	NT	NT	NT	NT
	12/22/14	9850	189	34.4	316	573	<100	<500
	3/18/15	612	24	2.52	10.6	46.74	857	<500
	6/9/15	1380	100	<10.0	22	104	<100	<500
	4/13/16	500	26	1.5	11	24	<100	<500
	4/19/17	102	6	<1.0	4	5	<100	<500
	3/14/18	340	22.8	2.31	12.5	16.5	<100	<500
	4/12/19	7710	293	37.8	349	678.6	<100	<500
	3/13/20	9130	235	36.5	339	640.5	<100	<500

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Summary of Petroleum Results

Well Number	Date Sampled	GRPH (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	DRPH (µg/L)	ORPH (µg/L)
Cleanup Level		800	5.00	1000	700	1000	500	500
MW-3	4/29/05	4160	88.3	17.7	94.6	141	1760	1010
NT-Dry	8/10/05	NT	NT	NT	NT	NT	NT	NT
	12/19/05	7780	142	23.9	127	368	2360	546
	4/27/06	1290	14.8	3.6	13.7	27.6	329	<500
	12/19/06	5350	109	40.8	201	273	2130	<500
	3/19/07	6670	116	43.1	292	410	2420	502
	3/28/08	2840	47.9	<10.0	140	196	1810	<500
	6/4/08	2970	33.0	<20	152	212	3180	<472
NT-Dry	9/12/08	NT	NT	NT	NT	NT	NT	NT
NT-Dry	12/3/08	NT	NT	NT	NT	NT	NT	NT
	3/25/09	2630	79.2	20.9	164	230	471	<500
NT-Dry	6/26/09	NT	NT	NT	NT	NT	NT	NT
NT-Dry	9/29/09	NT	NT	NT	NT	NT	NT	NT
	12/11/09	7550	87.0	42.5	298	429	3370	<500
	3/25/10	4600	86.6	31.8	278	376	1270	<500
	Duplicate	4880	86.3	32.3	286	393	1330	<500
	6/16/10	3090	29.0	14.9	133	184	454	<500
	Duplicate	3510	25.4	11.1	136	188	460	<500
NT-Dry	9/14/10	NT	NT	NT	NT	NT	NT	NT
	12/8/10	5490	109	23.3	278	391	<100	<500
	Duplicate	8820	168	39.0	447	634	<100	<500
	3/24/11	3600	67.3	14.8	184	270	1210	658
	6/21/11	3980	18.6	7.92	185	266	581	<500
	11/22/11	6030	70.0	18.0	291	379	<100	2940
	12/28/11	8380	142	37.1	468	583	<100	<500
	3/16/12	3500	29.9	8.86	153	176	855	<500
	6/28/12	4000	41.2	9.17	163	152	339	<500
NT-Dry	9/28/12	NT	NT	NT	NT	NT	NT	NT
	1/10/13	7000	116	30.4	369	323	<100	1000
	4/2/13	4250	41.7	10.9	174	107	<100	<500
	6/12/13	5280	37.2	<10	234	96.4	221	<500
NT-Dry	10/16/13	NT	NT	NT	NT	NT	NT	NT
NT-Dry	12/17/13	NT	NT	NT	NT	NT	NT	NT
	3/17/14	3470	28.1	5.38	134	55.0	646	<500
	6/4/14	6740	29.7	<12.5	263	44.4	<100	<500
NT-Dry	9/22/14	NT	NT	NT	NT	NT	NT	NT
NT-Dry	12/3/14	NT	NT	NT	NT	NT	NT	NT
	12/22/14	2960	18.2	<5.0	44.5	33.6	<100	<500
	3/18/15	2540	17.3	4.23	85.0	33.1	504	<500
NT-Dry	6/9/15	NT	NT	NT	NT	NT	NT	NT
	4/13/16	2030	<2.5	<2.5	16.1	9.3	<100	<500
	4/19/17	518	<1.0	<1.0	1.1	<3.0	<100	<500
	3/14/18	926	1.27	1.16	3.27	1.18	<100	<500
	4/12/19	2040	<1.0	2.06	3.70	6.42	<100	<500
	3/13/20	2920	5.09	2.50	11.8	4.06	<100	<500

Table 4
Summary of Petroleum Results

Well Number	Date Sampled	GRPH (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	DRPH (µg/L)	ORPH (µg/L)
Cleanup Level		800	5.00	1000	700	1000	500	500
MW-4	4/29/05	10200	72.1	<10	219	414	1980	<500
NT-Dry	8/10/05	NT	NT	NT	NT	NT	NT	NT
	12/19/05	11000	98.6	<10.0	179	887	9150	<500
	4/27/06	633	4.71	<2.0	18.2	38.7	260	<500
	9/29/06	14000	70.5	11.6	453	917	411	<500
	12/19/06	9770	38.5	20.1	205	411	3840	<500
	3/19/07	7140	39.5	5.00	182	427	2690	821
	6/26/07	17200	143	46.2	602	1210	4570	<500
NT-Dry	11/2/07	NT	NT	NT	NT	NT	NT	NT
	3/27/08	6850	69.0	<10	251	548	2540	<500
	6/4/08	13200	59.5	18.1	262	540	3070	<472
NT-Dry	9/12/08	NT	NT	NT	NT	NT	NT	NT
	12/3/08	19100	94.6	11.5	423	857	5300	<472
	Duplicate	17700	90.0	11.8	380	770	5320	<472
	3/25/09	981	3.48	1.41	28.2	57.5	280	<500
	6/26/09	19800	132	31.0	545	1050	5890	<500
NT-Dry	9/29/09	NT	NT	NT	NT	NT	NT	NT
	12/10/09	22100	40.3	19.8	390	730	<100	<500
	3/24/10	7560	14.0	6.05	172	341	1990	<500
	6/16/10	11000	23.5	9.11	210	419	1090	<500
NT-Dry	9/14/10	NT	NT	NT	NT	NT	NT	NT
	12/7/10	4470	<5.0	6.15	24.8	81.5	2620	<500
	3/24/11	3250	9.48	3.04	83.7	158	158	597
	6/22/11	4700	35.4	4.87	114	220	552	<500
	11/22/11	1430	55.3	23.0	286	578	<100	<500
	12/28/11	17300	62.4	11.5	318	638	<100	<500
	3/16/12	<100	<10	<10	<10	<30	<100	<500
	3/16/12	<100	<10	<10	<10	<30	<100	<500
	4/19/12	<100	<1.0	<1.0	<1.0	<2.0	<100	<100
	6/28/12	4000	12.8	3.02	91.0	144	<100	<500
NT-Dry	9/28/12	NT	NT	NT	NT	NT	NT	NT
	1/10/13	202	<1.0	<1.0	1.19	2.31	<100	<500
	4/2/13	2050	6.16	2.58	55.4	56.2	<100	<500
	6/12/13	5360	19.3	2.66	136	130	371	<500
NT-Dry	10/16/13	NT	NT	NT	NT	NT	NT	NT
	12/17/13	7670	24.4	5.37	259	148	4270	583
	3/18/14	1400	5.20	0.97	48.9	8.80	<100	<500
	6/4/14	9840	23.1	5.37	271	32.5	<100	<500
NT-Dry	9/22/14	NT	NT	NT	NT	NT	NT	NT
NT-Dry	12/3/14	NT	NT	NT	NT	NT	NT	NT
	12/22/14	3350	5.21	<5.0	61.6	<10	<100	<500
	3/18/15	4430	8.0	3.32	72.7	11.38	664	<500
	6/9/15	16400	22.9	<10.0	252.0	<31.0	<100	<500
	4/13/16	2250	4.2	<2.5	63.9	<7.5	<100	<500
	4/19/17	10400	26.3	5	181.0	14	<100	<500
	3/14/18	17300	137	<100	506.0	<200	<100	<500
	4/12/19	8870	91.3	11.9	337	46.0	<100	<500
	3/13/20	12800	85.9	11.3	297	42.1	<100	<500
Duplicate	3/13/20	11300	86.2	11.6	306	45.4	<100	<500

Table 4
Summary of Petroleum Results

Well Number	Date Sampled	GRPH (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	DRPH (µg/L)	ORPH (µg/L)
Cleanup Level		800	5.00	1000	700	1000	500	500
MW-6	4/29/05	25300	2100	1260	763	1210	14400	2430
NT-Dry	8/10/05	NT	NT	NT	NT	NT	NT	NT
	12/19/05	<100	<0.5	<2.0	<1.0	<1.5	7230	514
	4/27/06	15200	759	384	852	1320	2090	<500
NT-Dry	9/29/06	NT	NT	NT	NT	NT	NT	NT
	12/19/06	19300	967	462	1260	1860	4540	566
	3/19/07	15000	954	278	791	1160	15200	563
	6/26/07	13400	659	296	781	1180	3800	<500
	12/13/07	22000	730	290	940	1310	4700	<500
	3/27/08	12600	538	251	682	1130	4190	<500
	6/4/08	16900	459	232	689	1050	3910	<472
	3/28/09	18500	816	120	1040	1440	2500	<500
	Duplicate	19000	836	329	1060	1472	3400	<500
	6/26/09	21000	995	418	1240	1540	5730	<500
NT-Dry	9/29/09	NT	NT	NT	NT	NT	NT	NT
	12/10/09	23900	1080	451	1300	1610	<100	<500
	3/24/10	21100	961	440	1370	1837	4610	<500
	6/16/10	21400	937	406	1230	1704	1030	<500
NT-Dry	9/14/10	NT	NT	NT	NT	NT	NT	NT
	12/7/10	23300	803	260	1490	1963	<100	<500
	3/25/11	22700	848	405	1510	1984	1710	629
	6/22/11	22200	701	306	1350	1785	541	<500
	Duplicate	21800	706	306	1330	1764	755	<500
	11/22/11	24000	538	290	1320	1786	<100	<500
	12/28/11	22500	832	322	1240	1671	<100	<500
	3/16/12	19900	549	224	1160	1493	100	<500
	6/28/12	24600	711	313	1400	1816	<100	<500
NT-Dry	9/28/12	NT	NT	NT	NT	NT	NT	NT
	1/10/13	24000	408	209	1220	1570	<100	<500
	4/2/13	23900	614	223	1210	1587	831	<500
	6/12/13	21900	515	210	1120	1467	736	<500
	Duplicate	19800	333	148	949	1271	703	<500
NT-Dry	10/16/13	NT	NT	NT	NT	NT	NT	NT
	12/17/13	21700	253	106	1000	1218	3630	<500
	3/18/14	23600	541	145	402	1845	<100	<500
	6/4/14	21800	298	91	541	1350	<100	<500
NT-Dry	9/22/14	NT	NT	NT	NT	NT	NT	NT
	12/3/14	17300	121	62.8	255	960	<100	<500
	3/18/15	20500	330	160	292	1093	<100	<500
	6/9/15	14100	278	64.9	84	532	<100	<500
	2/16/16	14300	180	19.9	70	663	NT	NT
	4/13/16	9150	136	14.5	18	723	<100	<500
Duplicate (MW673)	4/13/16	13400	133	<25	<25	591	<100	<500
	4/19/17	5480	93	14.7	81	387	<100	<500
	3/14/18	16100	229	<100	257	229	<100	<500
	4/12/19	10100	129	21.8	266	231.8	<100	<500
Duplicate	4/12/19	11400	141	25.3	274	208.6	<100	<500
	3/13/20	7570	79.3	19.3	131	207.2	<100	<500

Table 4
Summary of Petroleum Results

Well Number	Date Sampled	GRPH (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	DRPH (µg/L)	ORPH (µg/L)
Cleanup Level		800	5.00	1000	700	1000	500	500
MW-7	12/1/04	133	8.79	9.50	3.65	9.47	<250	<500
	4/29/05	<100	3.99	2.27	<1.0	0.75	<250	<500
NT-Dry	8/10/05	NT	NT	NT	NT	NT	NT	NT
	12/19/05	<100	<0.5	<2.0	<1.0	0.75	<250	<500
	4/27/06	<100	<0.5	<2.0	<1.0	0.75	<250	<500
NT-Dry	9/29/06	NT	NT	NT	NT	NT	NT	NT
	12/14/06	<100	<0.5	<2.0	<1.0	0.75	2420	8380
	3/19/07	ND	ND	ND	ND	ND	<250	<500
	6/26/07	<100	<0.5	<2.0	<1.0	0.75	<250	<500
NT-Dry	9/27/07	NT	NT	NT	NT	NT	NT	NT
NT-Dry	11/2/07	NT	NT	NT	NT	NT	NT	NT
	4/29/05	NT	NT	NT	NT	NT	NT	NT
	8/10/05	NT	NT	NT	NT	NT	NT	NT
	12/19/05	NT	NT	NT	NT	NT	NT	NT
	4/27/06	<100	<0.5	<2.0	<1.0	<1.5	<250	<500
	9/29/06	NT	NT	NT	NT	NT	NT	NT
	12/14/06	NT	NT	NT	NT	NT	NT	NT
	3/19/07	NT	NT	NT	NT	NT	NT	NT
	6/26/07	NT	NT	NT	NT	NT	NT	NT
	9/27/07	NT	NT	NT	NT	NT	NT	NT
	11/2/07	NT	NT	NT	NT	NT	NT	NT
	12/13/07	NT	NT	NT	NT	NT	NT	NT
	3/27/08	50.0	0.25	1.00	0.50	0.75	125	250
	3/27/08	<100	<0.5	<2.0	<1.0	<1.5	<250	<500
	6/4/08	<100	<0.5	<2.0	<1.0	0.75	274	<472
	Duplicate	<100	<0.5	<2.0	<1.0	<1.5	<236	<472
NT-Dry	9/12/08	NT	NT	NT	NT	NT	NT	NT
	12/3/08	<100	<0.5	<2.0	<1.0	0.75	<236	<472
	3/28/09	<500	2.39	1.86	9.26	14.3	<100	<500
	6/26/09	951	8.43	7.34	36.0	54.6	<100	<500
NT-Dry	9/29/09	NT	NT	NT	NT	NT	NT	NT
	12/11/09	<500	<1.0	<1.0	<1.0	<2.0	<100	<500
	Duplicate	<500	<1.0	<1.0	<1.0	<2.0	<100	<500
	3/24/10	<250	<1.0	<1.0	2.14	2.53	<100	<500
	6/16/10	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
NT-Dry	9/14/10	NT	NT	NT	NT	NT	NT	NT
	12/8/10	<100	<1.0	<1.0	<1.0	<2.0	<100	648
	3/25/11	<100	<1.0	<1.0	<1.0	<2.0	160	671
	6/22/11	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
	11/22/11	<100	<1.0	<1.0	<1.0	<2.0	<100	<500

Table 4
Summary of Petroleum Results

Well Number	Date Sampled	GRPH (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	DRPH (µg/L)	ORPH (µg/L)
Cleanup Level		800	5	1000	700	1000	500	500
MW-7 Continued	12/28/11	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
	3/15/12	<100	<1.0	<1.0	<1.0	<3.0	<100	<500
	4/6/14		<0.5	<0.5	<0.5	<1.0	<100	<500
	6/28/12	<100	<1.0	<1.0	<1.0	<3.0	<100	<500
NT-Dry	9/28/12	NT	NT	NT	NT	NT	NT	NT
	1/10/13	<100	<1.0	<1.0	<1.0	<3.0	<100	<500
	4/1/13	<100	<1.0	<1.0	<1.0	<3.0	<100	<500
	6/12/13	<100	<1.0	<1.0	<1.0	<3.0	<100	<500
NT-Dry	10/16/13	NT	NT	NT	NT	NT	NT	NT
	12/17/13	<100	<0.5	<0.5	<0.5	<1.0	<100	<500
	3/18/14	<100	<0.5	<0.5	<0.5	<1.5	<100	<500
	6/4/14	<100	<0.5	<0.5	<0.5	<1.5	<100	<500
NT-Dry	9/22/14	NT	NT	NT	NT	NT	NT	NT
No DRPH	12/3/14	<100	<0.5	<0.5	<0.5	<1.0	NT	NT
	12/22/14	NT	NT	NT	NT	NT	<100	<500
Duplicate	12/22/14	<100	<0.5	<0.5	<0.5	<1.0	<100	<500
	3/18/15	<100	<0.5	<0.5	<0.5	<1.5	<100	<500
Duplicate	3/18/15	<100	<0.5	<0.5	<0.5	<1.5	<100	<500
	6/9/15	<100	<0.5	<0.5	<0.5	<1.5	<100	<500
	5/9/16	<100	<1.0	<1.0	<1.0	<3.0	<100	<500
	4/19/17	NT	NT	NT	NT	NT	NT	NT
	3/14/18	NT	NT	NT	NT	NT	NT	NT
	4/12/19	NT	NT	NT	NT	NT	NT	NT
	3/13/20	NT	NT	NT	NT	NT	NT	NT

Table 4
Summary of Petroleum Results

Well Number	Date Sampled	GRPH (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	DRPH (µg/L)	ORPH (µg/L)
Cleanup Level		800	5.00	1000	700	1000	500	500
MW-8	4/29/05	NT	NT	NT	NT	NT	NT	NT
NT-Dry	8/10/05	NT	NT	NT	NT	NT	NT	NT
NT-Dry	12/19/05	NT	NT	NT	NT	NT	NT	NT
NT-Dry	4/27/06	NT	NT	NT	NT	NT	NT	NT
NT-Dry	9/29/06	NT	NT	NT	NT	NT	NT	NT
	12/14/06	105	<0.5	<2.0	<1.0	<1.5	<250	<500
NT-Dry	3/19/07	NT	NT	NT	NT	NT	NT	NT
NT-Dry	6/26/07	NT	NT	NT	NT	NT	NT	NT
NT-Dry	9/27/07	NT	NT	NT	NT	NT	NT	NT
NT-Dry	11/2/07	NT	NT	NT	NT	NT	NT	NT
	3/27/08	<100	<0.5	<2.0	<1.0	<1.5	<250	<500
NT-Dry	6/4/08	NT	NT	NT	NT	NT	NT	NT
NT-Dry	9/12/08	NT	NT	NT	NT	NT	NT	NT
NT-Dry	12/3/08	NT	NT	NT	NT	NT	NT	NT
NT-Dry	3/28/09	NT	NT	NT	NT	NT	NT	NT
	3/24/11	<100	<1.0	<1.0	<1.0	<2.0	144	702
	6/21/11	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
NT-Dry	11/22/11	NT	NT	NT	NT	NT	NT	NT
NT-Dry	12/28/11	NT	NT	NT	NT	NT	NT	NT
NT-Dry	3/15/12	NT	NT	NT	NT	NT	NT	NT
NT-Dry	6/28/12	NT	NT	NT	NT	NT	NT	NT
NT-Dry	9/28/12	NT	NT	NT	NT	NT	NT	NT
NT-Dry	1/10/13	NT	NT	NT	NT	NT	NT	NT
NT-Dry	4/1/13	NT	NT	NT	NT	NT	NT	NT
NT-Dry	6/12/13	NT	NT	NT	NT	NT	NT	NT
NT-Dry	10/16/13	NT	NT	NT	NT	NT	NT	NT
NT-Dry	12/17/13	NT	NT	NT	NT	NT	NT	NT
NT-Dry	3/17/14	NT	NT	NT	NT	NT	NT	NT
NT-Dry	6/4/14	NT	NT	NT	NT	NT	NT	NT
NT-Dry	9/22/14	NT	NT	NT	NT	NT	NT	NT
NT-Dry	12/3/14	NT	NT	NT	NT	NT	NT	NT
NT-Dry	3/18/15	NT	NT	NT	NT	NT	NT	NT
NT-Dry	6/9/15	NT	NT	NT	NT	NT	NT	NT
	4/13/16	<100	<0.5	<0.5	<0.5	<1.5	<100	<500
	4/19/17	NT	NT	NT	NT	NT	NT	NT
	3/14/18	NT	NT	NT	NT	NT	NT	NT
	4/12/19	NT	NT	NT	NT	NT	NT	NT
	3/13/29	NT	NT	NT	NT	NT	NT	NT

Table 4
Summary of Petroleum Results

Well Number	Date Sampled	GRPH (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	DRPH (µg/L)	ORPH (µg/L)
Cleanup Level		800	5.00	1000	700	1000	500	500
MW-9	4/29/05	<100	1.06	<2.0	<1.0	<1.5	<250	<500
NT-Dry	8/10/05	NT	NT	NT	NT	NT	NT	NT
NT-Dry	12/19/05	NT	NT	NT	NT	NT	NT	NT
	4/27/06	<100	<0.5	<2.0	<1.0	<1.5	<250	<500
NT-Dry	9/29/06	NT	NT	NT	NT	NT	NT	NT
	12/14/06	<100	<0.5	<2.0	<1.0	<1.5	<250	603
	3/19/07	<100	<0.5	<2.0	<1.0	<1.5	<250	<500
	6/26/07	<100	<0.5	<2.0	<1.0	<1.5	<250	<500
NT-Dry	9/27/07	NT	NT	NT	NT	NT	NT	NT
NT-Dry	11/2/07	NT	NT	NT	NT	NT	NT	NT
	12/13/07	NT	NT	NT	NT	NT	NT	NT
	3/27/08	<100	<0.5	<2.0	<1.0	<1.5	<250	<500
	6/2/08	<100	<0.5	<2.0	<1.0	<1.5	<236	<472
NT-Dry	9/12/08	NT	NT	NT	NT	NT	NT	NT
NT-Dry	12/3/08	NT	NT	NT	NT	NT	NT	NT
	3/25/09	<500	<1.0	<1.0	<1.0	<2.0	<100	<500
	6/26/09	<500	<1.0	<1.0	<1.0	2.27	<100	<500
	Duplicate	<500	<1.0	<1.0	1.6	2.79	<100	<500
NT-Dry	9/29/09	NT	NT	NT	NT	NT	NT	NT
	12/11/09	<500	<1.0	<1.0	<1.0	<2.0	<100	<500
	3/25/10	<250	<1.0	<1.0	<1.0	<2.0	<100	<500
	6/16/10	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
NT-Dry	9/14/10	NT	NT	NT	NT	NT	NT	NT
	12/7/10	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
	3/24/11	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
	6/21/11	<100	<1.0	<1.0	<1.0	<2.0	145	<500
NT-Dry	11/22/11	NT	NT	NT	NT	NT	NT	NT
NT-Dry	12/28/11	NT	NT	NT	NT	NT	NT	NT
	3/15/12	132	<10	<10	<10	-	<100	<500
	6/28/12	<100	<1.0	<1.0	<1.0	<3.0	<100	<500
NT-Dry	9/28/12	NT	NT	NT	NT	NT	NT	NT
NT-Dry	1/10/13	NT	NT	NT	NT	NT	NT	NT
	4/1/13	<100	<1.0	<1.0	<1.0	<3.0	<100	<500
	6/12/13	<100	<1.0	<1.0	<1.0	<3.0	<100	<500
NT-Dry	10/16/13	NT	NT	NT	NT	NT	NT	NT
NT-Dry	12/17/13	NT	NT	NT	NT	NT	NT	NT
	3/18/14	<100	<0.5	<0.5	<0.5	<2.0	<100	<500
	6/4/14	<100	<0.5	<0.5	<0.5	<1.0	<100	<500
NT-Dry	9/22/14	NT	NT	NT	NT	NT	NT	NT
NT-Dry	12/3/14	NT	NT	NT	NT	NT	NT	NT
	12/22/14	<100	<0.5	<0.5	<0.5	<1.0	<100	<500
	3/18/15	<100	<0.5	<0.5	<0.5	<1.5	<100	<500
	6/9/15	<100	<0.5	<0.5	<0.5	<1.5	<100	<500
	4/13/16	<100	<0.5	<0.5	<0.5	<1.5	<100	<500
	4/19/17	<100	<1.0	<1.0	<1.0	<3.0	<100	<500
	3/14/18	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
Duplicate	3/14/18	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
	4/12/19	<100	<1.0	<1.0	<1.0	<3.0	<100	<500
	3/13/20	<100	<1.0	<1.0	<1.0	<3.0	<100	<500

Table 4
Summary of Petroleum Results

Well Number	Date Sampled	GRPH (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	DRPH (µg/L)	ORPH (µg/L)
Cleanup Level		800	5.00	1000	700	1000	500	500
MW-10	4/29/05	5790	20.3	<2.0	16.5	42.3	1690	<500
NT-Dry	8/10/05	NT	NT	NT	NT	NT	NT	NT
	12/19/05	5880	38.6	16.9	35.3	86.3	4150	<500
	4/27/06	6000	43.1	14.5	38.2	114	1080	<500
NT-Dry	9/29/06	NT	NT	NT	NT	NT	NT	NT
	12/19/06	7010	34.2	25.8	30.3	86.2	2920	<500
	3/19/07	6900	37.8	16.8	42.0	139	3500	<500
	6/26/07	3220	14.9	6.39	20.2	57.5	2490	<500
NT-Dry	9/27/07	NT	NT	NT	NT	NT	NT	NT
NT-Dry	11/2/07	NT	NT	NT	NT	NT	NT	NT
	3/28/08	2450	5.57	2.48	4.29	12.0	1550	<500
	6/4/08	2410	8.07	3.90	9.58	23.6	1560	<472
NT-Dry	9/12/08	NT	NT	NT	NT	NT	NT	NT
	12/3/08	6240	19.6	12.6	24.5	61.2	2510	<472
	3/25/09	3370	3.61	17.1	18.6	59.1	533	<500
NT-Dry	6/26/09	NT	NT	NT	NT	NT	NT	NT
NT-Dry	9/29/09	NT	NT	NT	NT	NT	NT	NT
	12/11/09	4540	<1.0	<1.0	23.8	71.2	4100	<500
	3/25/10	5100	2.87	<1.0	30.4	114	1210	<500
	6/16/10	3020	<1.0	<1.0	13.1	35.8	897	<500
NT-Dry	9/14/10	NT	NT	NT	NT	NT	NT	NT
	12/7/10	9090	25.4	7.7	23.1	486	1720	<500
	3/24/11	3260	<1.0	4.0	21.3	72.8	1540	<500
	6/22/11	2380	<1.0	3.3	10.8	55.0	829	<500
	11/22/11	4000	4.35	5.6	17.8	78.4	1450	<500
	12/28/11	5120	<1.0	6.4	26.6	115	1020	<500
	Duplicate	5300	<1.0	6.3	27.3	116	1070	<500
	3/16/12	3230	<1.0	3780	10300	51600	394	<500
	6/28/12	2420	<1.0	2.40	12.1	40.8	357	<500
	9/28/12	2170	<1.0	4.04	8.22	30.6	NT	NT
	4/2/13	5520	<1.0	5.55	22.8	104.5	130	<500
	6/12/13	1900	2.78	<1.0	10.6	26.9	<100	<500
NT-Dry	10/16/13	NT	NT	NT	NT	NT	NT	NT
	12/17/13	3650	<1.0	1.36	16.1	60.0	2200	<500
	3/17/14	3490	<1.0	<0.5	5.17	21.8	311	<500
	6/4/14	3800	<2.5	<2.5	11.8	34.6	<100	<500
NT-Dry	9/22/14	NT	NT	NT	NT	NT	NT	NT
NT-Dry	12/3/14	NT	NT	NT	NT	NT	NT	NT
	12/22/14	4210	<2.5	<2.5	9.16	37.6	<100	<500
	3/18/15	6810	2.86	3.14	20.9	120.4	1890	<500
	6/9/15	1150	<0.5	<0.5	2.20	10.5	<100	<500
Duplicate	6/9/15	2020	<0.5	<0.5	4.56	18.9	<100	<500
	4/13/16	8570	0.74	1.12	26.70	89.9	<100	<500
	4/19/17	7220	<1.0	2.59	12.00	65.6	<100	<500
	3/14/18	10200	1.41	5.67	27.70	71.2	<100	<500
	4/12/19	4410	<1.0	2.64	11.90	34.9	<100	<500
	3/13/20	2640	3.51	2.18	8.96	9.71	<100	<500

Table 4
Summary of Petroleum Results

Well Number	Date Sampled	GRPH (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	DRPH (µg/L)	ORPH (µg/L)
Cleanup Level		800	5.00	1000	700	1000	500	500
MW-11	4/29/05	<100	<0.5	<2.0	<1.0	<1.5	<250	<500
	8/10/05	<100	<0.5	<2.0	<1.0	<1.5	<250	<500
	12/19/05	<100	<0.5	<2.0	<1.0	<1.5	<250	<500
	4/27/06	225	<0.5	<2.0	<1.0	<1.5	<250	<500
	9/29/06	347	<0.5	<2.0	<1.0	2.7	312	<500
	12/19/06	117	<0.5	<2.0	3.9	17.5	<250	<500
	3/19/07	155	<0.5	<2.0	2.0	9.8	253	<500
	6/26/07	223	<0.5	<2.0	1.3	11.5	362	<500
NT-Dry	9/27/07	NT	NT	NT	NT	NT	NT	NT
	11/2/07	<100	<0.5	<2.0	<1.0	1.7	<250	<500
	3/28/08	<100	<0.5	<2.0	<1.0	<1.5	328	<500
	6/4/08	<100	<0.5	<2.0	<1.0	<1.5	383	<472
	9/12/08	<100	<0.5	<2.0	<1.0	<1.5	378	<472
	Duplicate	<100	<0.5	<2.0	<1.0	<1.5	385	<472
	12/3/08	<100	<0.5	<2.0	<1.0	<1.5	<236	<472
	3/25/09	<500	<1.0	<1.0	<1.0	<2.0	<100	<500
NT-Dry	6/26/09	NT	NT	NT	NT	NT	NT	NT
NT-Dry	9/29/09	NT	NT	NT	NT	NT	NT	NT
	12/10/09	<500	<1.0	<1.0	<1.0	<2.0	<100	<500
	3/24/10	<250	<1.0	<1.0	<1.0	<2.0	190	<500
	6/17/10	<100	<1.0	<1.0	<1.0	<2.0	135	<500
	9/14/10	<100	<1.0	<1.0	<1.0	<2.0	268	<500
	Duplicate	<100	<1.0	<1.0	<1.0	<2.0	379	<500
	12/7/10	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
	3/24/11	<100	<1.0	<1.0	<1.0	<2.0	150	668
	6/21/11	139	<1.0	<1.0	1.42	<2.0	745	<500
	11/22/11	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
	Duplicate	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
	12/28/11	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
	3/16/12	<100	<1.0	<1.0	<1.0	<3.0	<100	<500
	9/28/12	<100	<1.0	<1.0	<1.0	<1.0	876	<500
	6/28/12	<100	<1.0	<1.0	<1.0	<3.0	300	<500
	1/10/13	<100	<1.0	<1.0	<1.0	<3.0	<100	<500
	4/1/13	<100	<1.0	<1.0	<1.0	<3.0	155	<500
	6/12/13	<100	<1.0	<1.0	<1.0	<3.0	170	<500
	10/16/13	NT	<1.0	<1.0	<1.0	<1.5	<100	<500
	12/17/13	<100	<0.5	<0.5	<0.5	<1.0	<100	<500
	3/17/14	<100	<0.5	<0.5	<0.5	<1.5	<100	<500
	6/4/14	<100	<0.5	<0.5	<0.5	<1.0	<100	<500
NT-Dry	9/22/14	NT	NT	NT	NT	NT	NT	NT
	12/3/14	<100	<0.5	<0.5	<0.5	<1.0	<100	<500
	3/18/15	<100	<0.5	<0.5	<0.5	<1.5	<100	<500
	6/9/15	<100	<0.5	<0.5	<0.5	<1.5	<100	<500
	4/16/16	<100	<0.5	<0.5	<0.5	<1.5	<100	<500
	4/19/17	NT	NT	NT	NT	NT	NT	NT
	3/14/18	NT	NT	NT	NT	NT	NT	NT
	4/12/19	NT	NT	NT	NT	NT	NT	NT
	3/13/20	NT	NT	NT	NT	NT	NT	NT

Table 4
Summary of Petroleum Results

Well Number	Date Sampled	GRPH (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	DRPH (µg/L)	ORPH (µg/L)
Cleanup Level		800	5	1000	700	1000	500	500
MW-12	4/29/05	<100	<0.5	<2.0	<1.0	<1.5	<250	<500
NT-Dry	8/10/05	NT	NT	NT	NT	NT	NT	NT
	12/19/05	<100	<0.5	<2.0	<1.0	<1.5	<250	<500
	4/27/06	195	7.55	<2.0	<1.0	<1.5	<250	<500
NT-Dry	9/29/06	NT	NT	NT	NT	NT	NT	NT
	12/19/06	<100	<0.5	<2.0	<1.0	<1.5	<250	<500
	3/19/07	<100	<0.5	<2.0	<1.0	<1.5	<250	<500
	6/26/07	<100	<0.5	<2.0	<1.0	<1.5	<250	<500
NT-Dry	9/27/07	NT	NT	NT	NT	NT	NT	NT
	11/2/07	<100	<0.5	<2.0	<1.0	<1.5	<250	<500
	3/28/08	<100	3.8	<2.0	<1.0	<1.5	<250	<500
	6/4/08	<100	<0.5	<2.0	<1.0	<1.5	<236	<472
NT-Dry	9/12/08	NT	NT	NT	NT	NT	NT	NT
	12/3/08	<100	<0.5	<2.0	<1.0	<1.5	<236	<472
	3/25/09	<500	<1.0	<1.0	<1.0	<2.0	<100	<500
	7/16/09	<500	<1.0	<1.0	<1.0	<2.0	104	<500
NT-Dry	9/29/09	NT	NT	NT	NT	NT	NT	NT
	12/11/09	<500	<1.0	<1.0	<1.0	<2.0	<100	<500
	3/24/10	<250	<1.0	<1.0	<1.0	<2.0	<100	<500
	6/17/10	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
NT-Dry obstructed	9/14/10	NT	NT	NT	NT	NT	NT	NT
	12/7/10	NT	NT	NT	NT	NT	NT	NT
	3/25/11	<100	2.51	<1.0	1.10	<2.0	<100	<500
	6/21/11	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
	11/22/11	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
	12/28/11	<100	<1.0	<1.0	<1.0	<2.0	<100	<500
	3/15/12	<100	<1.0	<1.0	<1.0	<3.0	<100	<500
	6/28/12	<100	<1.0	<1.0	<1.0	<3.0	<100	<500
	9/28/12	<100	<1.0	<1.0	<1.0	<1.0	NT	NT
	1/10/13	<100	<1.0	<1.0	<1.0	<3.0	<100	<500
	4/1/13	<100	<1.0	<1.0	<1.0	<3.0	<100	<500
	6/12/13	<100	<1.0	<1.0	<1.0	<3.0	<100	<500
NT-Dry	10/16/13	NT	NT	NT	NT	NT	NT	NT
	12/17/13	<100	<0.5	<0.5	<0.5	<1.0	<100	<500
	3/18/14	<100	<0.5	<0.5	<0.5	<1.5	<100	<500
	6/4/14	<100	<0.5	<0.5	<0.5	<1.5	<100	<500
NT-Dry	9/22/14	NT	NT	NT	NT	NT	NT	NT
NT-Dry	12/3/14	NT	NT	NT	NT	NT	NT	NT
	12/22/14	<100	<0.5	<0.5	<0.5	<1.0	<100	<500
	3/18/15	105.0	5.92	<0.5	<0.5	<1.5	<100	<500
	6/9/15	<100	<0.5	<0.5	<0.5	<1.5	<100	<500
	4/13/16	<100	1.3	<0.5	<0.5	<1.5	<100	<500
	4/19/17	NT	NT	NT	NT	NT	NT	NT
	3/14/18	NT	NT	NT	NT	NT	NT	NT
	4/12/19	NT	NT	NT	NT	NT	NT	NT
	3/13/20	NT	NT	NT	NT	NT	NT	NT

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Client: Budinger & Associates, Inc.
Address: 1101 N. Fancher Road
Spokane Valley, WA 99212
Attn: Steve Burchett

Work Order: WAC0448
Project: X09032
Reported: 3/30/2020 08:57

Analytical Results Report

Sample Location: MW-9
Lab/Sample Number: WAC0448-01 **Collect Date:** 03/13/20 09:25
Date Received: 03/13/20 14:48 **Collected By:** Travis Stephens
Matrix: Groundwater

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Hydrocarbons							
Lube Oil	ND	mg/kg	0.500	3/25/20 17:44	LMC	EPA 8015D	
Mineral Oil	ND	mg/kg	0.100	3/25/20 17:44	LMC	EPA 8015D	
Diesel	ND	mg/kg	0.100	3/25/20 17:44	LMC	EPA 8015D	
<i>Surrogate: n-Hexacosane</i>	<i>91.3%</i>		<i>50-150</i>	<i>3/25/20 17:44</i>	<i>LMC</i>	<i>EPA 8015D</i>	
Volatiles							
Total BTEX	ND	ug/L	1.00	3/18/20 13:58	NDE	EPA 8021B	
Benzene	ND	ug/L	1.00	3/18/20 13:58	NDE	EPA 8021B	
Toluene	ND	ug/L	1.00	3/18/20 13:58	NDE	EPA 8021B	
Ethylbenzene	ND	ug/L	1.00	3/18/20 13:58	NDE	EPA 8021B	
m/p Xylenes (MCL for total)	ND	ug/L	2.00	3/18/20 13:58	NDE	EPA 8021B	
o-Xylene (MCL for total)	ND	ug/L	1.00	3/18/20 13:58	NDE	EPA 8021B	
Gasoline	ND	mg/L	0.100	3/18/20 13:58	NDE	NWTPH-Gx	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>102%</i>		<i>50-150</i>	<i>3/18/20 13:58</i>	<i>NDE</i>	<i>NWTPH-Gx</i>	

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Sample Location: MW-10
 Lab/Sample Number: WAC0448-02 Collect Date: 03/13/20 09:57
 Date Received: 03/13/20 14:48 Collected By: Travis Stephens
 Matrix: Groundwater

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Hydrocarbons							
Lube Oil	ND	mg/kg	0.500	3/25/20 18:40	LMC	EPA 8015D	
Mineral Oil	ND	mg/kg	0.100	3/25/20 18:40	LMC	EPA 8015D	
Diesel	ND	mg/kg	0.100	3/25/20 18:40	LMC	EPA 8015D	
<i>Surrogate: n-Hexacosane</i>	<i>88.8%</i>		<i>50-150</i>	<i>3/25/20 18:40</i>	<i>LMC</i>	<i>EPA 8015D</i>	
Volatiles							
Total BTEX	24.4	ug/L	1.00	3/18/20 22:34	NDE	EPA 8021B	
Benzene	3.51	ug/L	1.00	3/18/20 22:34	NDE	EPA 8021B	
Toluene	2.18	ug/L	1.00	3/18/20 22:34	NDE	EPA 8021B	
Ethylbenzene	8.96	ug/L	1.00	3/18/20 22:34	NDE	EPA 8021B	
m/p Xylenes (MCL for total)	3.98	ug/L	2.00	3/18/20 22:34	NDE	EPA 8021B	
o-Xylene (MCL for total)	5.73	ug/L	1.00	3/18/20 22:34	NDE	EPA 8021B	
Gasoline	2.64	mg/L	0.100	3/18/20 22:34	NDE	NWTPH-Gx	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>105%</i>		<i>50-150</i>	<i>3/18/20 22:34</i>	<i>NDE</i>	<i>NWTPH-Gx</i>	

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Sample Location: MW-6
 Lab/Sample Number: WAC0448-03 Collect Date: 03/13/20 10:31
 Date Received: 03/13/20 14:48 Collected By: Travis Stephens
 Matrix: Groundwater

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Hydrocarbons							
Lube Oil	ND	mg/kg	0.500	3/25/20 19:35	LMC	EPA 8015D	
Mineral Oil	ND	mg/kg	0.100	3/25/20 19:35	LMC	EPA 8015D	
Diesel	ND	mg/kg	0.100	3/25/20 19:35	LMC	EPA 8015D	
<i>Surrogate: n-Hexacosane</i>	<i>89.0%</i>		<i>50-150</i>	<i>3/25/20 19:35</i>	<i>LMC</i>	<i>EPA 8015D</i>	
Volatiles							
Total BTEX	437	ug/L	1.00	3/18/20 14:59	NDE	EPA 8021B	
Benzene	79.3	ug/L	1.00	3/18/20 14:59	NDE	EPA 8021B	
Toluene	19.3	ug/L	1.00	3/18/20 14:59	NDE	EPA 8021B	
Ethylbenzene	131	ug/L	1.00	3/18/20 14:59	NDE	EPA 8021B	
m/p Xylenes (MCL for total)	196	ug/L	2.00	3/18/20 14:59	NDE	EPA 8021B	
o-Xylene (MCL for total)	11.2	ug/L	1.00	3/18/20 14:59	NDE	EPA 8021B	
Gasoline	7.57	mg/L	0.100	3/18/20 14:59	NDE	NWTPH-Gx	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>93.2%</i>		<i>50-150</i>	<i>3/18/20 14:59</i>	<i>NDE</i>	<i>NWTPH-Gx</i>	

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Sample Location: MW-4
 Lab/Sample Number: WAC0448-04 Collect Date: 03/13/20 11:10
 Date Received: 03/13/20 14:48 Collected By: Travis Stephens
 Matrix: Groundwater

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Hydrocarbons							
Lube Oil	ND	mg/kg	0.500	3/25/20 20:30	LMC	EPA 8015D	
Mineral Oil	ND	mg/kg	0.100	3/25/20 20:30	LMC	EPA 8015D	
Diesel	ND	mg/kg	0.100	3/25/20 20:30	LMC	EPA 8015D	
<i>Surrogate: n-Hexacosane</i>	<i>93.2%</i>		<i>50-150</i>	<i>3/25/20 20:30</i>	<i>LMC</i>	<i>EPA 8015D</i>	
Volatiles							
Total BTEX	436	ug/L	1.00	3/18/20 15:37	NDE	EPA 8021B	
Benzene	85.9	ug/L	1.00	3/18/20 15:37	NDE	EPA 8021B	
Toluene	11.3	ug/L	1.00	3/18/20 15:37	NDE	EPA 8021B	
Ethylbenzene	297	ug/L	1.00	3/18/20 15:37	NDE	EPA 8021B	
m/p Xylenes (MCL for total)	23.8	ug/L	2.00	3/18/20 15:37	NDE	EPA 8021B	
o-Xylene (MCL for total)	18.3	ug/L	1.00	3/18/20 15:37	NDE	EPA 8021B	
Gasoline	12.8	mg/L	0.200	3/20/20 0:36	NDE	NWTPH-Gx	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>103%</i>		<i>50-150</i>	<i>3/20/20 0:36</i>	<i>NDE</i>	<i>NWTPH-Gx</i>	

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Sample Location: MW-1
 Lab/Sample Number: WAC0448-05 Collect Date: 03/13/20 12:10
 Date Received: 03/13/20 14:48 Collected By: Travis Stephens
 Matrix: Groundwater

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Hydrocarbons							
Lube Oil	ND	mg/kg	0.500	3/25/20 21:25	LMC	EPA 8015D	
Mineral Oil	ND	mg/kg	0.100	3/25/20 21:25	LMC	EPA 8015D	
Diesel	ND	mg/kg	0.100	3/25/20 21:25	LMC	EPA 8015D	
<i>Surrogate: n-Hexacosane</i>	<i>79.4%</i>		<i>50-150</i>	<i>3/25/20 21:25</i>	<i>LMC</i>	<i>EPA 8015D</i>	
Volatiles							
Total BTEX	13.1	ug/L	1.00	3/18/20 16:16	NDE	EPA 8021B	
Benzene	2.15	ug/L	1.00	3/18/20 16:16	NDE	EPA 8021B	
Toluene	1.22	ug/L	1.00	3/18/20 16:16	NDE	EPA 8021B	
Ethylbenzene	4.40	ug/L	1.00	3/18/20 16:16	NDE	EPA 8021B	
m/p Xylenes (MCL for total)	2.10	ug/L	2.00	3/18/20 16:16	NDE	EPA 8021B	
o-Xylene (MCL for total)	3.23	ug/L	1.00	3/18/20 16:16	NDE	EPA 8021B	
Gasoline	2.58	mg/L	0.100	3/18/20 16:16	NDE	NWTPH-Gx	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>107%</i>		<i>50-150</i>	<i>3/18/20 16:16</i>	<i>NDE</i>	<i>NWTPH-Gx</i>	

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Sample Location: MW-3
 Lab/Sample Number: WAC0448-06 Collect Date: 03/13/20 12:43
 Date Received: 03/13/20 14:48 Collected By: Travis Stephens
 Matrix: Groundwater

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Hydrocarbons							
Lube Oil	ND	mg/kg	0.500	3/26/20 0:10	LMC	EPA 8015D	
Mineral Oil	ND	mg/kg	0.100	3/26/20 0:10	LMC	EPA 8015D	
Diesel	ND	mg/kg	0.100	3/26/20 0:10	LMC	EPA 8015D	
<i>Surrogate: n-Hexacosane</i>	67.0%		50-150	3/26/20 0:10	LMC	EPA 8015D	
Volatiles							
Total BTEX	24.9	ug/L	1.00	3/18/20 16:54	NDE	EPA 8021B	
Benzene	5.09	ug/L	1.00	3/18/20 16:54	NDE	EPA 8021B	
Toluene	2.50	ug/L	1.00	3/18/20 16:54	NDE	EPA 8021B	
Ethylbenzene	11.8	ug/L	1.00	3/18/20 16:54	NDE	EPA 8021B	
m/p Xylenes (MCL for total)	ND	ug/L	2.00	3/18/20 16:54	NDE	EPA 8021B	
o-Xylene (MCL for total)	4.06	ug/L	1.00	3/18/20 16:54	NDE	EPA 8021B	
Gasoline	2.92	mg/L	0.100	3/18/20 16:54	NDE	NWTPH-Gx	
<i>Surrogate: 4-Bromofluorobenzene</i>	105%		50-150	3/18/20 16:54	NDE	NWTPH-Gx	

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Sample Location: MW-2
 Lab/Sample Number: WAC0448-07 Collect Date: 03/13/20 13:21
 Date Received: 03/13/20 14:48 Collected By: Travis Stephens
 Matrix: Groundwater

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Hydrocarbons							
Lube Oil	ND	mg/kg	0.500	3/26/20 1:05	LMC	EPA 8015D	
Mineral Oil	ND	mg/kg	0.100	3/26/20 1:05	LMC	EPA 8015D	
Diesel	ND	mg/kg	0.100	3/26/20 1:05	LMC	EPA 8015D	
<i>Surrogate: n-Hexacosane</i>	<i>83.7%</i>		<i>50-150</i>	<i>3/26/20 1:05</i>	<i>LMC</i>	<i>EPA 8015D</i>	
Volatiles							
Total BTEX	1250	ug/L	1.00	3/18/20 17:32	NDE	EPA 8021B	
Benzene	235	ug/L	1.00	3/18/20 17:32	NDE	EPA 8021B	
Toluene	36.5	ug/L	1.00	3/18/20 17:32	NDE	EPA 8021B	
Ethylbenzene	339	ug/L	1.00	3/18/20 17:32	NDE	EPA 8021B	
m/p Xylenes (MCL for total)	603	ug/L	2.00	3/18/20 17:32	NDE	EPA 8021B	
o-Xylene (MCL for total)	37.5	ug/L	1.00	3/18/20 17:32	NDE	EPA 8021B	
Gasoline	9.13	mg/L	0.100	3/18/20 17:32	NDE	NWTPH-Gx	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>80.9%</i>		<i>50-150</i>	<i>3/18/20 17:32</i>	<i>NDE</i>	<i>NWTPH-Gx</i>	

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Sample Location: Duplicate
 Lab/Sample Number: WAC0448-08 Collect Date: 03/13/20 00:00
 Date Received: 03/13/20 14:48 Collected By: Travis Stephens
 Matrix: Groundwater

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Hydrocarbons							
Lube Oil	ND	mg/kg	0.500	3/26/20 2:01	LMC	EPA 8015D	
Mineral Oil	ND	mg/kg	0.100	3/26/20 2:01	LMC	EPA 8015D	
Diesel	ND	mg/kg	0.100	3/26/20 2:01	LMC	EPA 8015D	
<i>Surrogate: n-Hexacosane</i>	<i>84.7%</i>		<i>50-150</i>	<i>3/26/20 2:01</i>	<i>LMC</i>	<i>EPA 8015D</i>	
Volatiles							
Total BTEX	449	ug/L	1.00	3/18/20 18:48	NDE	EPA 8021B	
Benzene	86.2	ug/L	1.00	3/18/20 18:48	NDE	EPA 8021B	
Toluene	11.6	ug/L	1.00	3/18/20 18:48	NDE	EPA 8021B	
Ethylbenzene	306	ug/L	1.00	3/18/20 18:48	NDE	EPA 8021B	
m/p Xylenes (MCL for total)	24.9	ug/L	2.00	3/18/20 18:48	NDE	EPA 8021B	
o-Xylene (MCL for total)	20.5	ug/L	1.00	3/18/20 18:48	NDE	EPA 8021B	
Gasoline	11.3	mg/L	0.200	3/20/20 1:13	NDE	NWTPH-Gx	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>101%</i>		<i>50-150</i>	<i>3/20/20 1:13</i>	<i>NDE</i>	<i>NWTPH-Gx</i>	

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Sample Location: Trip blank
Lab/Sample Number: WAC0448-09 Collect Date: 03/13/20 09:25
Date Received: 03/13/20 14:48 Collected By: Travis Stephens
Matrix: Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
Total BTEX	ND	ug/L	1.00	3/19/20 17:02	NDE	EPA 8021B	
Benzene	ND	ug/L	1.00	3/19/20 17:02	NDE	EPA 8021B	
Toluene	ND	ug/L	1.00	3/19/20 17:02	NDE	EPA 8021B	
Ethylbenzene	ND	ug/L	1.00	3/19/20 17:02	NDE	EPA 8021B	
m/p Xylenes (MCL for total)	ND	ug/L	2.00	3/19/20 17:02	NDE	EPA 8021B	
o-Xylene (MCL for total)	ND	ug/L	1.00	3/19/20 17:02	NDE	EPA 8021B	
Gasoline	ND	mg/L	0.100	3/19/20 17:02	NDE	NWTPH-Gx	
Surrogate: 4-Bromofluorobenzene	101%		50-150	3/19/20 17:02	NDE	NWTPH-Gx	

Authorized Signature,



Karice Scott For Kathleen Sattler, Laboratory Manager

PQL Practical Quantitation Limit
ND Not Detected
MCL EPA's Maximum Contaminant Level
Dry Sample results reported on a dry weight basis
* Not a certified analyte

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The results reported related only to the samples indicated.

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Quality Control Data

Hydrocarbons

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BAC0356 - W TPH-Dx										
Blank (BAC0356-BLK1)										
Prepared: 3/17/2020 Analyzed: 3/25/2020										
Diesel	ND		0.100	mg/kg						
Lube Oil	ND		0.500	mg/kg						
Mineral Oil	ND		0.100	mg/kg						
<i>Surrogate: n-Hexacosane</i>			46.2	ppm	50.0		92.3	50-150		
LCS (BAC0356-BS1)										
Prepared: 3/17/2020 Analyzed: 3/25/2020										
Diesel	0.829		0.100	mg/kg	1.00		82.9	70-130		
Lube Oil	ND		0.500	mg/kg				70-130		
<i>Surrogate: n-Hexacosane</i>			46.1	ppm	50.0		92.2	50-150		
Matrix Spike (BAC0356-MS1)										
Source: WAC0448-05 Prepared: 3/17/2020 Analyzed: 3/25/2020										
Diesel	1.28		0.100	mg/kg	1.00	ND	128	70-130		
Lube Oil	ND		0.500	mg/kg		ND		70-130		
<i>Surrogate: n-Hexacosane</i>			40.8	ppm	50.0		81.5	50-150		
Matrix Spike Dup (BAC0356-MSD1)										
Source: WAC0448-05 Prepared: 3/17/2020 Analyzed: 3/25/2020										
Diesel	1.24		0.100	mg/kg	1.00	ND	124	70-130	3.93	20
Lube Oil	ND		0.500	mg/kg		ND		70-130		20
<i>Surrogate: n-Hexacosane</i>			40.8	ppm	50.0		81.6	50-150		

Quality Control Data

Volatiles

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BAC0453 - W VOC										
Blank (BAC0453-BLK1)										
Prepared: 3/18/2020 Analyzed: 3/19/2020										
Gasoline	ND		0.100	mg/L						
Benzene	ND		1.00	ug/L						
Toluene	ND		1.00	ug/L						
Ethylbenzene	ND		1.00	ug/L						
m+p-Xylene	ND		2.00	ug/L						
o-Xylene	ND		1.00	ug/L						
Total BTEX	ND		1.00	ug/L						
<i>Surrogate: 4-Bromofluorobenzene</i>			102	ug/L	100		102	50-150		
LCS (BAC0453-BS1)										
Prepared & Analyzed: 3/18/2020										
Gasoline	3.12		0.100	mg/L	3.01		104	80-120		
Benzene	45.4		1.00	ug/L	46.2		98.2	0-200		
Toluene	188		1.00	ug/L	184		102	0-200		
Ethylbenzene	39.6		1.00	ug/L	47.0		84.2	0-200		
m+p-Xylene	157		2.00	ug/L	169		93.1	0-200		
o-Xylene	61.7		1.00	ug/L	62.4		98.9	0-200		
Total BTEX	493		1.00	ug/L				0-200		
<i>Surrogate: 4-Bromofluorobenzene</i>			98.6	ug/L	100		98.6	50-150		
LCS Dup (BAC0453-BSD1)										
Prepared: 3/18/2020 Analyzed: 3/19/2020										
Gasoline	3.29		0.100	mg/L	3.01		110	80-120	5.29	20

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Quality Control Data (Continued)

Volatiles (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: BAC0453 - W VOC (Continued)

LCS Dup (BAC0453-BSD1)

Prepared: 3/18/2020 Analyzed: 3/19/2020

Benzene	43.7		1.00	ug/L	46.2		94.6	0-200	3.80	200
Toluene	182		1.00	ug/L	184		98.9	0-200	3.37	200
Ethylbenzene	42.7		1.00	ug/L	47.0		90.8	0-200	7.60	200
m+p-Xylene	152		2.00	ug/L	169		90.0	0-200	3.34	200
o-Xylene	58.0		1.00	ug/L	62.4		92.9	0-200	6.27	200
Total BTEX	479		1.00	ug/L				0-200	2.83	200

Surrogate: 4-Bromofluorobenzene

101 ug/L 100 101 50-150

Duplicate (BAC0453-DUP1)

Source: WAC0448-05

Prepared & Analyzed: 3/18/2020

Gasoline	2.45		0.100	mg/L		2.58			5.10	20
Benzene	2.13		1.00	ug/L		2.15			1.17	200
Toluene	1.76		1.00	ug/L		1.22			36.5	200
Ethylbenzene	3.99		1.00	ug/L		4.40			9.85	200
m+p-Xylene	2.55		2.00	ug/L		2.10			19.2	200
o-Xylene	3.47		1.00	ug/L		3.23			6.98	200
Total BTEX	13.9		1.00	ug/L		13.1			5.82	200

Surrogate: 4-Bromofluorobenzene

107 ug/L 100 107 50-150

Matrix Spike (BAC0453-MS1)

Source: WAC0448-01

Prepared & Analyzed: 3/18/2020

Gasoline	3.41		0.100	mg/L	3.01	0.0725	111	80-120		
Benzene	43.2		1.00	ug/L	46.2	ND	93.4	0-200		
Toluene	182		1.00	ug/L	184	ND	98.6	0-200		
Ethylbenzene	42.2		1.00	ug/L	47.0	0.703	88.1	0-200		
m+p-Xylene	151		2.00	ug/L	169	ND	89.3	0-200		
o-Xylene	59.9		1.00	ug/L	62.4	ND	96.0	0-200		
Total BTEX	478		1.00	ug/L		0.703		0-200		

Surrogate: 4-Bromofluorobenzene

104 ug/L 100 104 50-150

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Quality Control Data (Continued)

Volatiles (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BAC0453 - W VOC (Continued)										
Matrix Spike Dup (BAC0453-MSD1)			Source: WAC0448-01			Prepared & Analyzed: 3/18/2020				
Gasoline	3.57		0.100	mg/L	3.01	0.0725	116	80-120	4.57	20
Benzene	44.0		1.00	ug/L	46.2	ND	95.3	0-200	1.98	200
Toluene	187		1.00	ug/L	184	ND	101	0-200	2.69	200
Ethylbenzene	43.8		1.00	ug/L	47.0	0.703	91.6	0-200	3.82	200
m+p-Xylene	155		2.00	ug/L	169	ND	91.4	0-200	2.27	200
o-Xylene	61.6		1.00	ug/L	62.4	ND	98.7	0-200	2.78	200
Total BTEX	490		1.00	ug/L		0.703		0-200	2.60	200
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>104</i>	<i>ug/L</i>	<i>100</i>		<i>104</i>	<i>50-150</i>		



Chain of Custody Record

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Company Name: <u>Budinger & Associates, Inc.</u>		Project Manager: <u>Steve Burdett</u>	
Address: <u>1101 N. Fancher Rd.</u>		Project Name & #: <u>X09032</u>	
City: <u>Spokane Valley</u>	State: <u>WA</u>	Zip: <u>99212</u>	Email Address: <u>sburdett@budingerinc.com</u>
Phone: <u>509-535-8841</u>		Purchase Order #: <u>X09032</u>	
Fax:		Sampler Name & phone: <u>Travis Stephens 509-954-9210</u>	

Provide Sample Description				List Analyses Requested			Note Special Instructions/Comments	
Lab ID	Sample Identification	Sampling Date/Time	Matrix	Preservative # of Containers	Sample Volume	TPH GWS	TPH HEX	BTEX
1	MW-9	3-13-20/9:25	gw	3				
2	MW-10	9:57						
3	MW-6	10:31						
4	MW-4	11:10						
5	MW-1	12:10						
6	MW-3	12:43						
7	MW-2	13:21						
8	Duplicate	↓	↓	↓		↓	↓	↓
9	Trip Blank			2				

SLUBS

Inspection Checklist

Received Intact? Y N
 Labels & Chains Agree? Y N
 Containers Sealed? Y N
 VOC Head Space? Y N

WCI

	Printed Name	Signature	Company	Date	Time
Relinquished by	Travis Stephens	<i>[Signature]</i>	Budinger	3/13/20	14:44
Received by	Brack Overner	<i>[Signature]</i>	Anatek	3-13-20	14:48
Relinquished by					
Received by					
Relinquished by					
Received by					

Temperature (°C): 8.40 (9:07)
 Preservative: HCl 59072 K385-3 L2
 pH: 2.001015
 Date & Time: 3-13-20 15:20
 Inspected By: W/CF

GROUNDWATER SAMPLING DATA SHEET

Well Number MW-9 Sample Number I

Well Depth 12.90 feet Project/Task X09032 - Wilbur Petroleum Site

Water Depth 5.51' Date 3/13/20

Feet of Water 7.39' Measuring Point (MP) top of PVC case

Gallons per Foot 0.16

Well Volume 1.18 gal

Purge Method Peristaltic Pump

Weather cloudy, cool

Sampler (s) T. Stephens

Well Diameter 2" Gallons per casing foot 0.16

4"

6"

8"

Field Parameters

Measured with YSI meter, model PRO DSS

Time	Temperature (degrees F)	Conductivity (uS/sm)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/L)	pH (0-14)	Oxidation Reduction Potential	Nephelometric Turbidity Units	Approximate Volume Purged (gallons)
9:15	48.7	1120	95.8	6.14	5.59	375.1	903.91	1/4
9:17	48.4	1123	93.5	6.15	5.61	381.13	922.78	1/2
9:18	48.3	1127	93.2	6.12	5.61	381.9	921.69	3/4
9:19								I

GROUNDWATER SAMPLING DATA SHEET

Well Number	MW-10	Sample Number	2
Well Depth	14.35 feet	Project/Task	X09032 - Wilbur Petroleum Site
Water Depth	6.96	Date	3/13/20
Feet of Water	7.39'	Measuring Point (MP)	top of PVC case
Gallons per Foot	0.16		
Well Volume	1.18 gal		
Purge Method	Peristaltic pump		
Weather	cloudy, cool		Well Diameter
Sampler (s)	T. Stellens		2"
			Gallons per casing foot
			0.16
			4"
			6"
			8"

Field Parameters

Measured with YSI meter, model PRO DSS

Time	Temperature (degrees F)	Conductivity (uS/sm)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/L)	pH (0-14)	Oxidation Reduction Potential	Nephelometric Turbidity Units	Approximate Volume Purged (gallons)
7:50	50.3	577	2.3	1.02	5.14	187.1	1992.09	1/4
9:51	50.9	575	4.3	1.47	5.14	167.2	2341.98	1/2
9:52	51.0	575	2.8	1.31	5.14	157.1	2341.77	3/4

GROUNDWATER SAMPLING DATA SHEET

Well Number	MW-6	Sample Number	3
Well Depth	14.69 feet	Project/Task	X09032 - Wilbur Petroleum Site
Water Depth	6.87	Date	3/18/20
Feet of Water	8.82'	Measuring Point (MP)	top of PVC case
Gallons per Foot	0.16		
Well Volume	1.41 gal		
Purge Method	Peristaltic pump		
Weather	cloudy, cool	Well Diameter	2" Gallons per casing foot 0.16
Sampler (s)	T. Stephens	4"	
		6"	
		8"	

Field Parameters

Measured with YSI meter, model PRO DSS

Time	Temperature (degrees F)	Conductivity (uS/cm)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/L)	pH (0-14)	Oxidation Reduction Potential	Nephelometric Turbidity Units	Approximate Volume Purged (gallons)
10:23	51.6	1045	4.8	1.03	4.99	116.8	1743.42	1/4
10:24	51.5	952	4.4	.48	4.90	101.4	1726.85	1/2
10:25	51.4	932	2.9	.32	4.91	89.7	1735.32	3/4
10:26	51.4	928	2.3	.25	4.91	79.1	1932.21	1
10:27	51.4	910	1.70	.19	4.91	69.7	1931.25	1 1/4

GROUNDWATER SAMPLING DATA SHEET

Well Number MW-4 & Duplicate Sample Number 4
 Well Depth 13.10 feet Project/Task X09032 - Wilbur Petroleum Site
 Water Depth 5.33' Date 3/13/20
 Feet of Water 7.33' Measuring Point (MP) top of PVC case
 Gallons per Foot 0.16
 Well Volume 1.17 gal
 Purge Method Permeable Pump
 Weather Cloudy, cool
 Sampler (s) T. Stephens

Well Diameter	2"	Gallons per casing foot	0.16
4"			
6"			
8"			

Field Parameters

Measured with YSI meter, model PRO DSS

Time	Temperature (degrees F)	Conductivity (uS/sm)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/L)	pH (0-14)	Oxidation Reduction Potential	Nephelometric Turbidity Units	Approximate Volume Purged (gallons)
11:00	49.1	1063	6.8	.73	4.76	120.0	695.17	1/4
11:02	49.4	1065	4.2	.47	4.76	110.1	966.89	1/4
11:03	49.4	1065	2.7	.25	4.77	99.0	998.52	3/4
11:04	49.3	1066	2.0	.23	4.77	94.6	1000.87	1
11:05	49.3	1063	1.6	.18	4.76	85.8	1006.88	1 1/4

GROUNDWATER SAMPLING DATA SHEET

Well Number	MW-1	Sample Number	5
Well Depth	12.70 feet	Project/Task	X09032 - Wilbur Petroleum Site
Water Depth	6.63'	Date	3/13/20
Feet of Water	6.07'	Measuring Point (MP)	top of PVC case
Gallons per Foot	0.16	<i>Water level ~ 2.3" above monument</i>	
Well Volume	0.97 gal		
Purge Method	Peristaltic Pump		
Weather	cloudy, cool		
Sampler(s)	T. Stephens		

Well Diameter	2"	Gallons per casing foot	0.16
4"			
6"			
8"			

Field Parameters

Measured with YSI meter, model PRO DSS

Time	Temperature (degrees F)	Conductivity (uS/sm)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/L)	pH (0-14)	Oxidation Reduction Potential	Nephelometric Turbidity Units	Approximate Volume Purged (gallons)
12:00	48.3	983	6.8	.28	5.17	274.5	918.99	1/4
12:02	48.5	986	4.4	.50	5.16	272.8	924.47	1/2
12:03	48.6	983	3.3	.38	5.15	271.5	927.54	3/4
12:04	48.8	995	2.4	.27	5.14	269.1	931.05	1
12:05	48.8	994	1.9	.22	5.13	267.2	933.59	1 1/4

GROUNDWATER SAMPLING DATA SHEET

Well Number MW-3 Sample Number 6
 Well Depth 10.80 feet Project/Task X09032 - Wilbur Petroleum Site
 Water Depth 5.59' Date 3/13/20
 Feet of Water 5.21' Measuring Point (MP) top of PVC case
 Gallons per Foot 0.16 water in casing
 Well Volume 0.83 gal
 Purge Method Peristaltic pump

Weather cloudy, cool
 Sampler(s) T. Stephens

Well Diameter	2"	Gallons per casing foot	0.16
	4"		
	6"		
	8"		

Field Parameters

Measured with YSI meter, model PRO DSS

Time	Temperature (degrees F)	Conductivity (uS/cm)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/L)	pH (0-14)	Oxidation Reduction Potential	Nephelometric Turbidity Units	Approximate Volume Purged (gallons)
12:33	48.2	363.9	5.4	0.62	5.18	93.0	496.73	1/4
12:35	48.9	322.8	3.2	0.37	5.19	84.0	491.06	1/2
12:36	49.0	373.0	2.4	0.28	5.19	77.9	481.65	3/4
12:37	49.0	383.7	1.9	0.22	5.19	73.1	476.00	1
12:38	49.0	388.2	1.6	0.19	5.20	69.2	466.70	1 1/4
12:39	49.1	395.1	1.4	0.16	5.20	66.3	461.89	1 1/2
	45.1	400.1	1.2	0.13	5.20	63.2	459.16	

GROUNDWATER SAMPLING DATA SHEET

Well Number	MW-2	Sample Number	7
Well Depth	12.95 feet	Project/Task	X09032 - Wilbur Petroleum Site
Water Depth	6.46	Date	3/13/20
Feet of Water	6.49'	Measuring Point (MP)	top of PVC case
Gallons per Foot	0.16		
Well Volume	1.04 gal		
Purge Method	Peristaltic pump		
Weather	cloudy, light snow		Well Diameter
Sampler (s)	T. Stephens		2"
			Gallons per casing foot
			0.16
			4"
			6"
			8"

Field Parameters

Measured with YSI meter, model PRO DSS

Time	Temperature (degrees F)	Conductivity (uS/cm)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/L)	pH (0-14)	Oxidation Reduction Potential	Nephelometric Turbidity Units	Approximate Volume Purged (gallons)
13:10	49.0	1018	5.7	1.69	4.94	106.2	742.09	1/4
13:12	48.4	887	5.3	1.64	4.92	108.6	754.82	1/2
13:13	48.9	747	11.3	1.29	4.92	117.2	801.19	3/4
13:14	48.4	720	11.3	1.29	4.92	118.7	785.41	1
13:15	48.9	728	9.9	1.12	4.91	116.7	763.84	1 1/4
13:16	49.1	754	12.1	1.92	4.90	112.0	722.45	1 1/2