

**Revitalizing Auto Communities
Environmental Response Trust**

**Environmental Indicators CA750
Groundwater Monitoring Report**

Second Half 2011

Former GM Delco Plant 5
Kokomo, Indiana

January 14, 2012



A handwritten signature in blue ink that reads "Matthew D. Griles".

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**Environmental Indicators
CA750 Groundwater
Monitoring Report
Second Half 2011**

Former GM Delco Plant 5
Kokomo, Indiana

Prepared for:
Revitalizing Auto Communities
Environmental Response Trust

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1. Introduction

ARCADIS has prepared this groundwater monitoring report on behalf of the Revitalizing Auto Communities Environmental Response (RACER) Trust. This monitoring report summarizes the second half 2011 groundwater gauging and groundwater sampling events. Drawing 1 provides the legend for information presented on the drawings.

2. Groundwater Gauging

On September 27, 2011, depth to groundwater was measured in 44 monitoring wells at the Site in the S1, S2 and B1 units. The gauging data, presented in Table 1, were used to calculate groundwater elevations at each of the monitoring wells. The groundwater elevation contours in the S1 and S2 sand and gravel units are provided as Drawings 2 and 3. The groundwater elevation contours in the B1 bedrock unit are provided as Drawing 4.

Groundwater in the S1, S2, and B1 units are confined by overlying clay till units. The potentiometric surface map for the S1 unit (Drawing 2) indicates that groundwater within the S1 unit flows toward the southeast and is consistent with previously observed groundwater contours. During the September 2011 groundwater gauging event, the S1 potentiometric surface at the Site ranged from approximately 815 feet (ft) above mean seal level (AMSL) to 811 ft AMSL. The potentiometric surface map generated for the S2 unit (Drawing 3) illustrates that the S2 unit has a shallow gradient and groundwater flow generally appears to be towards the north which is consistent with the previously observed flow direction within the S2 unit. The S2 unit potentiometric surface at the Site ranges from approximately 811.3 ft AMSL to approximately 811.7 ft AMSL. Groundwater flow in the B1 unit flows to the southeast and suggests the presence of a reduced hydraulic gradient (flattening) in the northwest quadrant of the Site (Drawing 4). The B1 unit potentiometric surface at the Site ranges from approximately 812.0 ft AMSL to approximately 809.5 ft AMSL.

The groundwater potentiometric surfaces for the S1, S2, and B1 units will continue to be evaluated through future gauging events to monitor the flow direction in the localized hydrogeology. The groundwater potentiometric elevations observed during this event were consistent with elevations used in modeling previously performed by ARCADIS and were consistent with simulated results predicted by the modeling.

3. Groundwater Sampling Event

On September 27, 2011, passive diffusion bags (PDBs) were deployed in the 17 monitoring wells identified in the Environmental Indicators CA750 determination, which was approved by the United States Environmental Protection Agency (USEPA) on December 18, 2009. Prior to deploying the PDBs, the depth to groundwater and depth to bottom of the well were measured. The PDBs equilibrated inside each of the monitoring wells for a three week period. On October 18, 2011, the PDBs were removed from the monitoring wells and groundwater samples were collected through a dedicated straw directly into laboratory-supplied containers. The containers were immediately sealed, labeled and placed in an ice-packed cooler and transported to Pace Analytical Services, located in Indianapolis, Indiana. The groundwater samples were analyzed for volatile organic compounds (VOCs) in accordance with USEPA SW-846 Method 8260. VOC analytical results are summarized in Table 2. The chlorinated VOCs identified on the table are the constituents of concern identified in the CA750 determination (trichloroethene (TCE), cis-1,2-dichloroethene (DCE), trans-1,2-DCE, 1,1-DCE and vinyl chloride). The analytical results are summarized on Drawing 5. Data summarized on this figure represent the analytical data for the five selected constituents from the last four sampling events for each monitoring well. The laboratory analytical results along with the validation summary are provided in Appendix A.

4. Summary and Conclusions

Based on the findings from the second half 2011 groundwater monitoring event, groundwater conditions in the S1, S2 and B1 aquifer units are consistent with historical observations and what is expected based on groundwater modeling. The groundwater monitoring data collected indicate that Site-related concentrations of CVOCs in groundwater are stable, as shown by the data presented on Drawing 5. During the October 2011 sampling event, all site specific constituents of concern were reported non-detect or below the groundwater screening criteria.

As established in the 2012 budgetary authorization approved by USEPA, RACER Trust will perform quarterly soil gas monitoring and semi-annual groundwater sampling at and around the Site in 2012 to evaluate existing conditions and confirm the groundwater model. Additionally, as requested by USEPA, groundwater samples will be collected via low-flow and PDB techniques for select monitoring wells. Soil gas samples will be collected in Summa canisters and will be analyzed for TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, and vinyl chloride via EPA Method TO-15 Modified. The data will be summarized in a summary report submitted to USEPA in July 2012.

Table 1. Monitoring Well Groundwater Elevations, Former GM Delco Plant 5, Kokomo, Indiana.

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0101-P1	11/15/2004	8.13	9.85	826.36	818.23
MW-0101-P1	10/25/2005	9.51	9.98	826.36	816.85
MW-0101-P1	3/24/2006	Abandoned			
MW-0101-S1U	11/15/2004	11.15	17.50	826.36	815.21
MW-0101-S1U	10/25/2005	12.02	17.51	826.36	814.34
MW-0101-S1U	3/24/2006	10.52	17.23	826.36	815.84
MW-0101-S1U	3/31/2006	9.75	17.23	826.36	816.61
MW-0101-S1U	4/28/2006	10.42	---	826.36	815.94
MW-0101-S1U	12/5/2006	9.13	17.51	826.36	817.23
MW-0101-S1U	3/8/2007	10.21	17.51	826.36	816.15
MW-0101-S1U	1/16/2008	10.69	17.61	826.36	815.67
MW-0101-S1U	11/11/2008	14.31	17.46	826.36	812.05
MW-0101-S1U	2/17/2009	12.66	---	826.36	813.7
MW-0101-S1U	6/12/2009	11.18	---	826.36	815.18
MW-0102-S1U	11/15/2004	11.10	26.00	826.36	815.26
MW-0102-S1U	9/20/2005	12.28	26.14	826.36	814.08
MW-0102-S1U	10/20/2005	12.12	26.28	826.36	814.24
MW-0102-S1U	10/25/2005	12.03	26.28	826.36	814.33
MW-0102-S1U	3/22/2006	10.50	25.90	826.36	815.86
MW-0102-S1U	3/31/2006	9.73	25.90	826.36	816.63
MW-0102-S1U	4/28/2006	10.47	---	826.36	815.89
MW-0102-S1U	12/5/2006	9.33	---	826.36	817.03
MW-0102-S1U	3/8/2007	10.32	26.28	826.36	816.04
MW-0102-S1U	1/16/2008	11.00	26.40	826.36	815.36
MW-0102-S1U	11/11/2008	14.33	26.26	826.36	812.03
MW-0102-S1U	2/17/2009	12.51	---	826.36	813.85
MW-0102-S1U	6/12/2009	11.18	---	826.36	815.18
MW-0103-S1U	10/25/2005	13.47	---	828.15	814.68
MW-0103-S1U	11/15/2005	12.60	20.00	828.15	815.55
MW-0103-S1U	3/22/2006	12.03	19.76	828.15	816.12
MW-0103-S1U	3/31/2006	11.26	19.76	828.15	816.89
MW-0103-S1U	4/28/2006	11.91	---	828.15	816.24
MW-0103-S1U	12/5/2006	10.70	19.77	828.15	817.45
MW-0103-S1U	3/8/2007	11.71	19.76	828.15	816.44
MW-0103-S1U	1/16/2008	12.46	19.89	828.15	815.69
MW-0103-S1U	11/11/2008	15.87	19.81	828.15	812.28
MW-0103-S1U	2/17/2009	14.06	---	828.15	814.09
MW-0103-S1U	6/12/2009	12.63	---	828.15	815.52
MW-0501-P1	9/20/2005	12.09	18.85	828.62	816.53
MW-0501-P1	10/18/2005	13.22	18.95	828.62	815.4
MW-0501-P1	10/25/2005	12.97	18.95	828.62	815.65
MW-0501-P1	3/22/2006	12.67	18.95	828.62	815.95
MW-0501-P1	3/31/2006	11.84	18.95	828.62	816.78
MW-0501-P1	4/28/2006	11.29	---	828.62	817.33
MW-0501-P1	12/5/2006	10.46	18.69	828.62	818.16
MW-0501-P1	3/8/2007	10.79	18.71	828.62	817.83
MW-0501-P1	1/16/2008	11.82	18.80	828.62	816.8
MW-0501-P1	11/11/2008	14.48	18.71	828.62	814.14
MW-0501-P1	2/17/2009	11.93	---	828.62	816.69
MW-0501-S1	3/22/2006	12.18	34.39	828.65	816.47
MW-0501-S1	3/31/2006	11.41	34.39	828.65	817.24
MW-0501-S1	4/28/2006	12.07	---	828.65	816.58
MW-0501-S1	12/5/2006	10.84	33.95	828.65	817.81

Table 1. Monitoring Well Groundwater Elevations, Former GM Delco Plant 5, Kokomo, Indiana.

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0501-S1	3/8/2007	11.90	33.74	828.65	816.75
MW-0501-S1	1/16/2008	12.67	33.95	828.65	815.98
MW-0501-S1	11/11/2008	16.10	33.60	828.65	812.55
MW-0501-S1	2/17/2009	14.44	---	828.65	814.21
MW-0501-S1	6/12/2009	12.77	---	828.65	815.88
MW-0501-S1	4/13/2010	12.52	33.33	828.65	816.13
MW-0501-S1	9/5/2010	15.30	33.00	828.65	815.08
MW-0501-S1	4/20/2011	12.12	32.98	828.65	816.53
MW-0501-S1	9/27/2011	13.26	33.14	828.65	815.39
MW-0501-S2	10/18/2005	14.87	76.30	828.75	813.88
MW-0501-S2	10/25/2005	15.02	76.30	828.75	813.73
MW-0501-S2	3/21/2006	12.83	76.30	828.75	815.92
MW-0501-S2	3/31/2006	11.98	76.30	828.75	816.77
MW-0501-S2	4/28/2006	12.00	---	828.75	816.75
MW-0501-S2	12/5/2006	9.83	76.13	828.75	818.92
MW-0501-S2	3/8/2007	11.79	76.09	828.75	816.96
MW-0501-S2	1/16/2008	14.80	76.20	828.75	813.95
MW-0501-S2	11/11/2008	21.21	76.12	828.75	807.54
MW-0501-S2	2/17/2009	17.60	---	828.75	811.15
MW-0501-S2	6/12/2009	15.49	---	828.75	813.26
MW-0501-S2	4/13/2010	14.37	76.12	828.75	814.38
MW-0501-S2	9/5/2010	19.74	76.11	828.75	809.01
MW-0501-S2	4/20/2011	15.01	76.00	828.75	813.74
MW-0501-S2	9/27/2011	17.44	75.24	828.75	811.31
MW-0501-S3	10/20/2005	15.00	94.98	828.78	813.78
MW-0501-S3	10/25/2005	15.04	94.98	828.78	813.74
MW-0501-S3	3/21/2006	12.81	94.98	828.78	815.97
MW-0501-S3	3/31/2006	12.06	94.98	828.78	816.72
MW-0501-S3	4/28/2006	12.02	---	828.78	816.76
MW-0501-S3	12/5/2006	10.48	94.75	828.78	818.3
MW-0501-S3	3/8/2007	11.86	94.64	828.78	816.92
MW-0501-S3	1/16/2008	14.86	94.80	828.78	813.92
MW-0501-S3	11/11/2008	21.27	94.85	828.78	807.51
MW-0501-S3	2/17/2009	17.68	---	828.78	811.1
MW-0501-S3	6/12/2009	15.58	---	828.78	813.2
MW-0501-S3	4/13/2010	14.42	94.73	828.78	814.36
MW-0501-S3	9/5/2010	19.82	96.05	828.78	808.96
MW-0501-S3	4/20/2011	15.11	94.60	828.78	813.67
MW-0501-S3	9/27/2011	17.44	94.90	828.78	811.34
MW-0502-S1	9/20/2005	12.20	32.59	826.34	814.14
MW-0502-S1	10/19/2005	11.91	32.78	826.34	814.43
MW-0502-S1	10/25/2005	11.91	32.78	826.34	814.43
MW-0502-S1	3/24/2006	10.41	32.54	826.34	815.93
MW-0502-S1	3/31/2006	9.64	32.54	826.34	816.7
MW-0502-S1	4/28/2006	10.32	---	826.34	816.02
MW-0502-S1	12/5/2006	9.25	---	826.34	817.09
MW-0502-S1	3/8/2007	10.12	32.50	826.34	816.22
MW-0502-S1	1/16/2008	10.95	32.62	826.34	815.39
MW-0502-S1	11/11/2008	14.22	32.40	826.34	812.12
MW-0502-S1	2/17/2009	12.54	---	826.34	813.8
MW-0502-S1	6/12/2009	11.04	---	826.34	815.3
MW-0502-S1	4/13/2010	10.78	32.55	826.34	815.56
MW-0502-S1	9/5/2010	13.46	32.60	826.34	812.88
MW-0502-S1	4/20/2011	10.29	32.45	826.34	816.05
MW-0502-S1	9/27/2011	11.44	32.65	826.34	814.90

Table 1. Monitoring Well Groundwater Elevations, Former GM Delco Plant 5, Kokomo, Indiana.

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0503-S1	10/18/2005	12.51	32.57	826.82	814.31
MW-0503-S1	10/25/2005	12.51	32.57	826.82	814.31
MW-0503-S1	3/24/2006	11.09	32.27	826.82	815.73
MW-0503-S1	3/31/2006	10.32	32.27	826.82	816.5
MW-0503-S1	4/28/2006	11.00	---	826.82	815.82
MW-0503-S1	12/5/2006	9.84	---	826.82	816.98
MW-0503-S1	3/8/2007	10.80	32.32	826.82	816.02
MW-0503-S1	1/16/2008	11.57	32.42	826.82	815.25
MW-0503-S1	11/11/2008	14.75	32.20	826.82	812.07
MW-0503-S1	2/17/2009	12.96	---	826.82	813.86
MW-0503-S1	6/12/2009	11.68	---	826.82	815.14
MW-0503-S1	4/13/2010	11.46	32.16	826.82	815.36
MW-0503-S1	9/5/2010	14.04	32.00	826.82	812.78
MW-0503-S1	4/20/2011	10.87	31.98	826.82	815.95
MW-0503-S1	9/27/2011	11.99	32.35	826.82	814.83
MW-0503-S2	10/18/2005	13.28	68.33	826.81	813.53
MW-0503-S2	10/25/2005	13.27	68.33	826.81	813.54
MW-0503-S2	3/24/2006	10.38	68.05	826.81	816.43
MW-0503-S2	3/31/2006	9.53	68.05	826.81	817.28
MW-0503-S2	4/28/2006	10.51	---	826.81	816.3
MW-0503-S2	12/5/2006	9.06	---	826.81	817.75
MW-0503-S2	3/8/2007	10.28	68.13	826.81	816.53
MW-0503-S2	1/16/2008	12.92	68.30	826.81	813.89
MW-0503-S2	11/11/2008	18.80	68.19	826.81	808.01
MW-0503-S2	2/17/2009	15.41	---	826.81	811.4
MW-0503-S2	6/12/2009	13.57	---	826.81	813.24
MW-0504-I2	10/18/2005	19.66	39.87	826.51	806.85
MW-0504-I2	10/25/2005	13.03	39.87	826.51	813.48
MW-0504-I2	3/27/2006	11.53	39.61	826.51	814.98
MW-0504-I2	3/31/2006	10.71	39.61	826.51	815.8
MW-0504-I2	4/28/2006	11.19	---	826.51	815.32
MW-0504-I2	12/5/2006	10.08	---	826.51	816.43
MW-0504-I2	3/8/2007	11.60	39.65	826.51	814.91
MW-0504-I2	1/16/2008	11.67	39.80	826.51	814.84
MW-0504-I2	11/11/2008	14.84	39.71	826.51	811.67
MW-0504-I2	2/17/2009	12.99	---	826.51	813.52
MW-0504-S1	9/20/2005	12.51	29.73	826.15	813.64
MW-0504-S1	10/18/2005	12.25	29.19	826.15	813.9
MW-0504-S1	10/25/2005	12.23	29.19	826.15	813.92
MW-0504-S1	3/27/2006	11.10	28.69	826.15	815.05
MW-0504-S1	3/31/2006	10.33	28.69	826.15	815.82
MW-0504-S1	4/28/2006	10.88	---	826.15	815.27
MW-0504-S1	12/5/2006	10.78	---	826.15	815.37
MW-0504-S1	3/8/2007	10.68	30.82	826.15	815.47
MW-0504-S1	1/16/2008	11.25	30.90	826.15	814.9
MW-0504-S1	11/11/2008	14.40	30.76	826.15	811.75
MW-0504-S1	2/17/2009	12.58	---	826.15	813.57
MW-0504-S1	6/12/2009	11.51	---	826.15	814.64
MW-0504-S2	3/27/2006	10.23	60.45	826.41	816.18
MW-0504-S2	3/31/2006	9.38	60.45	826.41	817.03
MW-0504-S2	4/28/2006	10.11	---	826.41	816.3
MW-0504-S2	12/5/2006	8.70	---	826.41	817.71
MW-0504-S2	3/8/2007	10.00	60.52	826.41	816.41

Table 1. Monitoring Well Groundwater Elevations, Former GM Delco Plant 5, Kokomo, Indiana.

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0504-S2	1/16/2008	12.50	60.63	826.41	813.91
MW-0504-S2	11/11/2008	18.46	60.55	826.41	807.95
MW-0504-S2	2/17/2009	14.97	---	826.41	811.44
MW-0504-S2	6/12/2009	13.14	---	826.41	813.27
MW-0505-B1	12/5/2006	8.69	---	826.5	817.81
MW-0505-B1	3/8/2007	8.98	83.90	826.5	817.52
MW-0505-B1	1/16/2008	11.56	83.95	826.5	814.94
MW-0505-B1	11/11/2008	17.51	83.90	826.5	808.99
MW-0505-B1	2/17/2009	14.06	---	826.5	812.44
MW-0505-B1	6/12/2009	12.18	---	826.5	814.32
MW-0505-B1	4/13/2010	11.21	83.97	826.5	815.29
MW-0505-B1	9/5/2010	16.22	84.00	826.5	810.28
MW-0505-B1	4/20/2011	11.65	83.82	826.5	814.85
MW-0505-B1	9/27/2011	14.56	84.08	826.5	811.94
MW-0505-S1	9/20/2005	11.42	39.00	825.44	814.02
MW-0505-S1	10/19/2005	11.19	40.28	825.44	814.25
MW-0505-S1	10/25/2005	11.16	40.28	825.44	814.28
MW-0505-S1	3/23/2006	9.70	40.00	825.44	815.74
MW-0505-S1	3/31/2006	8.93	40.00	825.44	816.51
MW-0505-S1	4/28/2006	9.69	---	825.44	815.75
MW-0505-S1	12/5/2006	8.52	---	825.44	816.92
MW-0505-S1	3/8/2007	9.48	40.71	825.44	815.96
MW-0505-S1	1/16/2008	10.15	40.80	825.44	815.29
MW-0505-S1	11/11/2008	13.46	40.65	825.44	811.98
MW-0505-S1	2/17/2009	11.63	---	825.44	813.81
MW-0505-S1	6/12/2009	10.34	---	825.44	815.1
MW-0505-S2	10/19/2005	12.37	67.63	825.06	812.69
MW-0505-S2	10/25/2005	11.42	67.63	825.06	813.64
MW-0505-S2	3/23/2006	9.59	67.32	825.06	815.47
MW-0505-S2	3/31/2006	8.74	67.32	825.06	816.32
MW-0505-S2	4/28/2006	9.65	---	825.06	815.41
MW-0505-S2	12/5/2006	7.27	---	825.06	817.79
MW-0505-S2	3/8/2007	8.55	67.45	825.06	816.51
MW-0505-S2	1/16/2008	11.10	67.50	825.06	813.96
MW-0505-S2	11/11/2008	17.04	67.45	825.06	808.02
MW-0505-S2	2/17/2009	13.63	---	825.06	811.43
MW-0505-S2	6/12/2009	11.76	---	825.06	813.3
MW-0505-S2	4/13/2010	11.74	67.38	825.06	813.32
MW-0505-S2	9/5/2010	15.76	67.50	825.06	809.30
MW-0505-S2	4/20/2011	11.23	67.35	825.06	813.83
MW-0505-S2	9/27/2011	13.51	67.60	825.06	811.55
MW-0506-I2	10/19/2005	24.10	47.56	827.18	803.08
MW-0506-I2	10/25/2005	22.82	47.56	827.18	804.36
MW-0506-I2	3/27/2006	17.97	47.27	827.18	809.21
MW-0506-I2	3/31/2006	17.15	47.27	827.18	810.03
MW-0506-I2	4/28/2006	20.02	---	827.18	807.16
MW-0506-I2	12/5/2006	19.82	---	827.18	807.36
MW-0506-I2	3/8/2007	15.48	47.35	827.18	811.7
MW-0506-I2	1/16/2008	14.57	47.50	827.18	812.61
MW-0506-I2	11/11/2008	15.71	47.38	827.18	811.47
MW-0506-I2	2/17/2009	16.63	---	827.18	810.55
MW-0506-S1	10/19/2005	13.11	34.84	826.88	813.77
MW-0506-S1	10/25/2005	13.11	34.84	826.88	813.77

Table 1. Monitoring Well Groundwater Elevations, Former GM Delco Plant 5, Kokomo, Indiana.

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0506-S1	3/27/2006	11.96	34.55	826.88	814.92
MW-0506-S1	3/31/2006	11.19	34.55	826.88	815.69
MW-0506-S1	4/28/2006	11.76	---	826.88	815.12
MW-0506-S1	12/5/2006	10.72	---	826.88	816.16
MW-0506-S1	3/8/2007	11.54	34.62	826.88	815.34
MW-0506-S1	1/16/2008	12.21	34.35	826.88	814.67
MW-0506-S1	11/11/2008	15.21	34.65	826.88	811.67
MW-0506-S1	2/17/2009	13.40	---	826.88	813.48
MW-0506-S1	6/12/2009	12.38	---	826.88	814.5
MW-0506-S2	10/19/2005	13.58	72.52	827.1	813.52
MW-0506-S2	10/25/2005	13.58	72.52	827.1	813.52
MW-0506-S2	3/27/2006	11.95	72.24	827.1	815.15
MW-0506-S2	3/31/2006	11.10	72.24	827.1	816
MW-0506-S2	4/28/2006	10.84	---	827.1	816.26
MW-0506-S2	12/5/2006	9.43	---	827.1	817.67
MW-0506-S2	3/8/2007	11.72	72.26	827.1	815.38
MW-0506-S2	1/16/2008	13.20	72.40	827.1	813.9
MW-0506-S2	11/11/2008	19.11	72.35	827.1	807.99
MW-0506-S2	2/17/2009	15.69	---	827.1	811.41
MW-0506-S2	6/12/2009	13.87	---	827.1	813.23
MW-0507-S1	10/19/2005	13.15	33.49	827.19	814.04
MW-0507-S1	10/25/2005	13.12	33.49	827.19	814.07
MW-0507-S1	3/27/2006	11.86	33.18	827.19	815.33
MW-0507-S1	3/31/2006	11.09	33.18	827.19	816.1
MW-0507-S1	4/28/2006	11.69	---	827.19	815.5
MW-0507-S1	12/5/2006	10.58	---	827.19	816.61
MW-0507-S1	3/8/2007	11.48	33.19	827.19	815.71
MW-0507-S1	1/16/2008	12.18	33.35	827.19	815.01
MW-0507-S1	11/11/2008	15.27	33.15	827.19	811.92
MW-0507-S1	2/17/2009	13.50	---	827.19	813.69
MW-0507-S1	6/12/2009	12.33	---	827.19	814.86
MW-0507-S1	4/13/2010	12.13	33.27	827.19	815.06
MW-0507-S1	9/5/2010	14.61	33.20	827.19	812.58
MW-0507-S1	4/20/2011	11.54	33.16	827.19	815.65
MW-0507-S1	9/27/2011	12.60	33.35	827.19	814.59
MW-0509-I2	10/19/2005	12.58	55.96	826.32	813.74
MW-0509-I2	10/25/2005	12.66	55.96	826.32	813.66
MW-0509-I2	3/23/2006	9.87	55.65	826.32	816.45
MW-0509-I2	3/31/2006	9.05	55.65	826.32	817.27
MW-0509-I2	4/28/2006	9.81	---	826.32	816.51
MW-0509-I2	12/5/2006	8.36	55.74	826.32	817.96
MW-0509-I2	3/8/2007	9.68	55.67	826.32	816.64
MW-0509-I2	1/16/2008	12.37	55.79	826.32	813.95
MW-0509-I2	11/11/2008	18.42	55.60	826.32	807.9
MW-0509-I2	2/17/2009	14.94	---	826.32	811.38
MW-0509-S1	9/20/2005	12.18	38.00	826.33	814.15
MW-0509-S1	10/25/2005	11.92	38.11	826.33	814.41
MW-0509-S1	3/23/2006	10.43	37.82	826.33	815.9
MW-0509-S1	3/31/2006	9.66	37.82	826.33	816.67
MW-0509-S1	4/28/2006	10.35	---	826.33	815.98
MW-0509-S1	12/5/2006	9.20	37.90	826.33	817.13
MW-0509-S1	3/8/2007	10.20	37.89	826.33	816.13
MW-0509-S1	1/16/2008	10.89	38.00	826.33	815.44
MW-0509-S1	11/11/2008	14.24	37.92	826.33	812.09

Table 1. Monitoring Well Groundwater Elevations, Former GM Delco Plant 5, Kokomo, Indiana.

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0509-S1	2/17/2009	12.38	---	826.33	813.95
MW-0509-S1	6/12/2009	11.04	---	826.33	815.29
MW-0509-S1	4/13/2010	10.82	37.91	826.33	815.51
MW-0509-S1	9/5/2010	13.45	37.90	826.33	812.88
MW-0509-S1	4/20/2011	10.29	37.85	826.33	816.04
MW-0509-S1	9/27/2011	11.43	38.08	826.33	814.90
MW-0516-S1	10/19/2005	13.42	32.88	827.98	814.56
MW-0516-S1	10/25/2005	13.42	32.88	827.98	814.56
MW-0516-S1	3/23/2006	11.88	32.61	827.98	816.1
MW-0516-S1	3/31/2006	11.13	32.61	827.98	816.85
MW-0516-S1	4/28/2006	11.78	---	827.98	816.2
MW-0516-S1	12/5/2006	10.11	---	827.98	817.87
MW-0516-S1	3/8/2007	11.59	32.66	827.98	816.39
MW-0516-S1	1/16/2008	12.35	32.40	827.98	815.63
MW-0516-S1	11/11/2008	15.74	32.60	827.98	812.24
MW-0516-S1	2/17/2009	14.00	---	827.98	813.98
MW-0516-S1	6/12/2009	12.52	---	827.98	815.46
MW-0516-S1	4/13/2010	12.24	32.70	827.98	815.74
MW-0516-S1	9/5/2010	14.96	32.65	827.98	813.02
MW-0516-S1	4/20/2011	11.31	32.60	827.98	816.67
MW-0516-S1	9/27/2011	12.92	32.84	827.98	815.06
MW-0516-S2	10/20/2005	14.37	68.38	827.97	813.6
MW-0516-S2	10/25/2005	14.38	68.38	827.97	813.59
MW-0516-S2	3/23/2006	11.46	68.05	827.97	816.51
MW-0516-S2	3/31/2006	10.61	68.05	827.97	817.36
MW-0516-S2	4/28/2006	11.55	---	827.97	816.42
MW-0516-S2	12/5/2006	10.55	---	827.97	817.42
MW-0516-S2	3/8/2007	11.40	68.11	827.97	816.57
MW-0516-S2	1/16/2008	14.11	68.26	827.97	813.86
MW-0516-S2	11/11/2008	19.99	68.05	827.97	807.98
MW-0516-S2	2/17/2009	16.58	---	827.97	811.39
MW-0516-S2	6/12/2009	14.71	---	827.97	813.26
MW-0516-S2	4/13/2010	13.72	68.18	827.97	814.25
MW-0516-S2	4/20/2011	14.02	68.10	827.97	813.95
MW-0517-I2	10/18/2005	13.02	40.13	826.56	813.54
MW-0517-I2	10/25/2005	12.45	40.13	826.56	814.11
MW-0517-I2	3/22/2006	10.25	39.89	826.56	816.31
MW-0517-I2	3/31/2006	9.45	39.89	826.56	817.11
MW-0517-I2	4/28/2006	10.73	---	826.56	815.83
MW-0517-I2	12/5/2006	10.10	---	826.56	816.46
MW-0517-I2	3/8/2007	10.61	39.90	826.56	815.95
MW-0517-I2	1/16/2008	12.55	40.05	826.56	814.01
MW-0517-I2	11/11/2008	15.14	39.96	826.56	811.42
MW-0517-I2	2/17/2009	13.32	---	826.56	813.24
MW-0517-S1	9/20/2005	12.44	30.72	826.47	814.03
MW-0517-S1	10/18/2005	12.17	30.85	826.47	814.3
MW-0517-S1	10/25/2005	12.17	30.85	826.47	814.3
MW-0517-S1	3/22/2006	10.70	30.63	826.47	815.77
MW-0517-S1	3/31/2006	9.91	30.63	826.47	816.56
MW-0517-S1	4/28/2006	10.64	---	826.47	815.83
MW-0517-S1	12/5/2006	9.48	---	826.47	816.99
MW-0517-S1	3/8/2007	10.42	30.51	826.47	816.05
MW-0517-S1	1/16/2008	11.23	30.70	826.47	815.24
MW-0517-S1	11/11/2008	14.47	30.60	826.47	812

Table 1. Monitoring Well Groundwater Elevations, Former GM Delco Plant 5, Kokomo, Indiana.

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0517-S1	2/17/2009	12.65	---	826.47	813.82
MW-0517-S1	6/12/2009	11.34	---	826.47	815.13
MW-0602-B1	3/24/2006	9.12	86.17	825.36	816.24
MW-0602-B1	3/31/2006	8.32	86.17	825.36	817.04
MW-0602-B1	4/28/2006	9.16	---	825.36	816.2
MW-0602-B1	12/5/2006	7.78	---	825.36	817.58
MW-0602-B1	3/8/2007	9.03	86.21	825.36	816.33
MW-0602-B1	1/16/2008	11.55	86.25	825.36	813.81
MW-0602-B1	11/11/2008	17.37	86.27	825.36	807.99
MW-0602-B1	2/17/2009	13.94	---	825.36	811.42
MW-0602-B1	6/12/2009	12.16	---	825.36	813.2
MW-0602-B1	4/13/2010	11.04	86.31	825.36	814.32
MW-0602-B1	9/5/2010	16.11	86.90	825.36	809.25
MW-0602-B1	4/20/2011	11.61	86.19	825.36	813.75
MW-0602-B1	9/27/2011	13.80	86.45	825.36	811.56
MW-0602-S1	3/24/2006	11.70	28.31	825.3	813.6
MW-0602-S1	3/31/2006	10.93	28.31	825.3	814.37
MW-0602-S1	4/28/2006	10.90	---	825.3	814.4
MW-0602-S1	12/5/2006	9.94	---	825.3	815.36
MW-0602-S1	3/8/2007	10.68	27.20	825.3	814.62
MW-0602-S1	1/16/2008	11.10	27.41	825.3	814.2
MW-0602-S1	11/11/2008	13.93	27.11	825.3	811.37
MW-0602-S1	2/17/2009	12.20	---	825.3	813.1
MW-0602-S1	6/12/2009	11.71	---	825.3	813.59
MW-0602-S1	4/13/2010	11.36	27.31	825.3	813.94
MW-0602-S1	9/5/2010	12.79	27.24	825.3	812.51
MW-0602-S1	4/20/2011	11.01	27.07	825.3	814.29
MW-0602-S1	9/27/2011	11.65	27.39	825.3	813.65
MW-0603-B1	3/24/2006	9.70	83.40	826.2	816.5
MW-0603-B1	3/31/2006	8.92	83.40	826.2	817.28
MW-0603-B1	4/28/2006	9.76	---	826.2	816.44
MW-0603-B1	12/5/2006	8.35	---	826.2	817.85
MW-0603-B1	3/8/2007	9.64	83.32	826.2	816.56
MW-0603-B1	1/16/2008	12.13	83.48	826.2	814.07
MW-0603-B1	11/11/2008	18.04	83.24	826.2	808.16
MW-0603-B1	2/17/2009	14.69	---	826.2	811.51
MW-0603-B1	6/12/2009	12.86	---	826.2	813.34
MW-0603-B1	4/13/2010	11.82	83.38	826.2	814.38
MW-0603-B1	9/5/2010	16.78	83.35	826.2	809.42
MW-0603-B1	4/20/2011	12.27	83.22	826.2	813.93
MW-0603-B1	9/27/2011	14.47	83.55	826.2	811.73
MW-0603-S1	3/24/2006	10.79	24.38	826.09	815.3
MW-0603-S1	3/31/2006	10.02	24.38	826.09	816.07
MW-0603-S1	4/28/2006	10.71	---	826.09	815.38
MW-0603-S1	12/5/2006	9.59	---	826.09	816.5
MW-0603-S1	3/8/2007	10.46	24.12	826.09	815.63
MW-0603-S1	1/16/2008	11.06	24.33	826.09	815.03
MW-0603-S1	11/11/2008	14.15	24.15	826.09	811.94
MW-0603-S1	2/17/2009	12.35	---	826.09	813.74
MW-0603-S1	6/12/2009	11.25	---	826.09	814.84
MW-0603-S1	4/13/2010	11.06	24.31	826.09	815.03
MW-0603-S1	9/5/2010	13.46	24.20	826.09	812.63
MW-0603-S1	4/20/2011	10.44	24.10	826.09	815.65
MW-0603-S1	9/27/2011	11.53	24.22	826.09	814.56

Table 1. Monitoring Well Groundwater Elevations, Former GM Delco Plant 5, Kokomo, Indiana.

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0603-S2	3/24/2006	10.82	69.25	826.1	815.28
MW-0603-S2	3/31/2006	9.97	69.25	826.1	816.13
MW-0603-S2	4/28/2006	9.89	---	826.1	816.21
MW-0603-S2	12/5/2006	8.46	---	826.1	817.64
MW-0603-S2	3/8/2007	9.78	69.27	826.1	816.32
MW-0603-S2	1/16/2008	12.35	69.41	826.1	813.75
MW-0603-S2	11/11/2008	18.17	69.21	826.1	807.93
MW-0603-S2	2/17/2009	14.83	---	826.1	811.27
MW-0603-S2	6/12/2009	12.98	---	826.1	813.12
MW-0603-S2	4/13/2010	11.96	69.35	826.1	814.14
MW-0603-S2	9/5/2010	16.72	69.25	826.1	809.38
MW-0603-S2	4/20/2011	12.19	69.04	826.1	813.91
MW-0603-S2	9/27/2011	14.39	69.35	826.1	811.71
MW-0604-S1	3/22/2006	10.65	29.41	826.28	815.63
MW-0604-S1	3/31/2006	9.87	29.41	826.28	816.41
MW-0604-S1	4/28/2006	10.59	---	826.28	815.69
MW-0604-S1	12/5/2006	9.45	---	826.28	816.83
MW-0604-S1	3/8/2007	10.37	28.81	826.28	815.91
MW-0604-S1	1/16/2008	11.15	28.95	826.28	815.13
MW-0604-S1	11/11/2008	14.27	28.73	826.28	812.01
MW-0604-S1	2/17/2009	12.51	---	826.28	813.77
MW-0604-S1	6/12/2009	11.26	---	826.28	815.02
MW-0604-S2	3/22/2006	10.02	61.06	826.44	816.42
MW-0604-S2	3/31/2006	9.27	61.06	826.44	817.17
MW-0604-S2	4/28/2006	10.13	---	826.44	816.31
MW-0604-S2	12/5/2006	8.70	---	826.44	817.74
MW-0604-S2	3/8/2007	9.93	61.12	826.44	816.51
MW-0604-S2	1/16/2008	12.51	61.21	826.44	813.93
MW-0604-S2	11/11/2008	18.45	61.05	826.44	807.99
MW-0604-S2	2/17/2009	15.02	---	826.44	811.42
MW-0604-S2	6/12/2009	13.17	---	826.44	813.27
MW-0604-S2	4/13/2010	12.17	61.10	826.44	814.27
MW-0604-S2	9/5/2010	17.17	61.55	826.44	809.27
MW-0604-S2	4/20/2011	12.63	61.00	826.44	813.81
MW-0604-S2	9/27/2011	14.89	61.32	826.44	811.55
MW-0605-B1	3/22/2006	10.79	89.55	827.44	816.65
MW-0605-B1	3/31/2006	9.99	89.55	827.44	817.45
MW-0605-B1	4/28/2006	10.95	---	827.44	816.49
MW-0605-B1	12/5/2006	9.49	---	827.44	817.95
MW-0605-B1	3/8/2007	10.77	89.53	827.44	816.67
MW-0605-B1	1/16/2008	13.45	89.65	827.44	813.99
MW-0605-B1	11/11/2008	19.44	89.60	827.44	808
MW-0605-B1	2/17/2009	16.04	---	827.44	811.4
MW-0605-B1	6/12/2009	14.11	---	827.44	813.33
MW-0605-B1	4/13/2010	13.10	89.85	827.44	814.34
MW-0605-B1	9/5/2010	18.20	89.60	827.44	809.24
MW-0605-B1	4/20/2011	13.61	89.50	827.44	813.83
MW-0605-B1	9/27/2011	15.86	89.75	827.44	811.58
MW-0605-S1	3/22/2006	11.23	29.83	827.38	816.15
MW-0605-S1	3/31/2006	10.46	29.83	827.38	816.92
MW-0605-S1	4/28/2006	11.19	---	827.38	816.19
MW-0605-S1	12/5/2006	9.97	---	827.38	817.41
MW-0605-S1	3/8/2007	10.98	29.64	827.38	816.4

Table 1. Monitoring Well Groundwater Elevations, Former GM Delco Plant 5, Kokomo, Indiana.

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0605-S1	1/16/2008	11.79	29.71	827.38	815.59
MW-0605-S1	11/11/2008	15.14	29.65	827.38	812.24
MW-0605-S1	2/17/2009	13.42	---	827.38	813.96
MW-0605-S1	6/12/2009	11.91	---	827.38	815.47
MW-0605-S1	4/13/2010	11.64	29.65	827.38	815.74
MW-0605-S1	9/5/2010	14.37	29.64	827.38	813.01
MW-0605-S1	4/20/2011	11.20	29.50	827.38	816.18
MW-0605-S1	9/27/2011	12.35	29.82	827.38	815.03
MW-0605-S2	3/22/2006	10.87	61.15	827.38	816.51
MW-0605-S2	3/31/2006	10.02	61.15	827.38	817.36
MW-0605-S2	4/28/2006	10.91	---	827.38	816.47
MW-0605-S2	12/5/2006	9.44	---	827.38	817.94
MW-0605-S2	3/8/2007	10.72	61.13	827.38	816.66
MW-0605-S2	1/16/2008	13.36	61.26	827.38	814.02
MW-0605-S2	11/11/2008	19.36	61.12	827.38	808.02
MW-0605-S2	2/17/2009	15.97	---	827.38	811.41
MW-0605-S2	6/12/2009	14.06	---	827.38	813.32
MW-0605-S2	4/13/2010	13.05	61.18	827.38	814.33
MW-0605-S2	9/5/2010	18.12	61.20	827.38	809.26
MW-0605-S2	4/20/2011	13.55	61.11	827.38	813.83
MW-0605-S2	9/27/2011	15.82	61.35	827.38	811.56
MW-0606-S1	3/23/2006	8.80	31.65	824.1	815.3
MW-0606-S1	3/31/2006	8.03	31.65	824.1	816.07
MW-0606-S1	4/28/2006	8.71	---	824.1	815.39
MW-0606-S1	12/5/2006	7.67	---	824.1	816.43
MW-0606-S1	3/8/2007	8.54	31.52	824.1	815.56
MW-0606-S1	11/11/2008	12.36	31.40	824.1	811.74
MW-0606-S1	2/17/2009	10.43	---	824.1	813.67
MW-0606-S1	6/12/2009	8.38	---	824.1	815.72
MW-0606-S1	4/13/2010	9.20	31.42	824.1	817.77
MW-0606-S2	3/23/2006	7.68	58.83	823.97	816.29
MW-0606-S2	3/31/2006	6.93	58.83	823.97	817.04
MW-0606-S2	4/28/2006	8.72	---	823.97	815.25
MW-0606-S2	12/5/2006	6.35	---	823.97	817.62
MW-0606-S2	3/8/2007	7.61	58.67	823.97	816.36
MW-0606-S2	11/11/2008	15.92	58.70	823.97	808.05
MW-0606-S2	2/17/2009	12.51	---	823.97	811.46
MW-0606-S2	6/12/2009	10.68	---	823.97	813.29
MW-0606-S2	9/5/2010	14.62	59.00	823.97	809.35
MW-0606-S2	4/20/2011	10.15	58.63	823.97	813.82
MW-0606-S2	9/27/2011	12.38	58.90	823.97	811.59
MW-0607-B1	1/16/2008	8.40	77.51	822.768	814.368
MW-0607-B1	11/11/2008	13.99	77.42	822.768	808.778
MW-0607-B1	2/17/2009	10.63	---	822.768	812.138
MW-0607-B1	6/12/2009	8.95	---	822.768	813.818
MW-0607-B1	4/13/2010	8.02	77.46	822.768	814.748
MW-0607-B1	9/5/2010	12.50	78.00	822.768	810.27
MW-0607-B1	4/20/2011	8.41	77.44	822.768	814.36
MW-0607-B1	9/27/2011	10.60	77.62	822.768	812.17
MW-0607-S1	3/24/2006	8.55	26.85	822.65	814.1
MW-0607-S1	3/31/2006	7.78	26.85	822.65	814.87
MW-0607-S1	4/28/2006	8.52	---	822.65	814.13
MW-0607-S1	12/5/2006	7.68	---	822.65	814.97

Table 1. Monitoring Well Groundwater Elevations, Former GM Delco Plant 5, Kokomo, Indiana.

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0607-S1	3/8/2007	8.33	26.55	822.65	814.32
MW-0607-S1	1/16/2008	8.88	26.68	822.65	813.77
MW-0607-S1	11/11/2008	11.61	26.50	822.65	811.04
MW-0607-S1	2/17/2009	9.72	---	822.65	812.93
MW-0607-S1	6/12/2009	9.12	---	822.65	813.53
MW-0607-S1	4/13/2010	9.00	26.50	822.65	813.65
MW-0607-S1	9/5/2010	10.98	26.50	822.65	811.67
MW-0607-S1	4/20/2011	8.49	26.42	822.65	814.16
MW-0607-S1	9/27/2011	9.31	26.40	822.65	813.34
MW-0607-S2	3/8/2007	7.00	50.51	823.06	816.06
MW-0607-S2	1/16/2008	9.27	50.65	823.06	813.79
MW-0607-S2	11/11/2008	14.91	50.57	823.06	808.15
MW-0607-S2	2/17/2009	11.53	---	823.06	811.53
MW-0607-S2	6/12/2009	9.83	---	823.06	813.23
MW-0607-S2	4/13/2010	8.78	50.58	823.06	814.28
MW-0607-S2	9/5/2010	13.63	57.05	823.06	809.43
MW-0607-S2	4/20/2011	9.15	50.47	823.06	813.91
MW-0607-S2	9/27/2011	11.47	50.72	823.06	811.59
MW-0608-B1	3/23/2006	9.84	91.07	825.97	816.13
MW-0608-B1	3/31/2006	9.05	91.07	825.97	816.92
MW-0608-B1	4/28/2006	9.79	---	825.97	816.18
MW-0608-B1	12/5/2006	8.51	---	825.97	817.46
MW-0608-B1	3/8/2007	9.72	89.59	825.97	816.25
MW-0608-B1	1/16/2008	12.18	89.67	825.97	813.79
MW-0608-B1	11/11/2008	17.90	89.65	825.97	808.07
MW-0608-B1	2/17/2009	14.49	---	825.97	811.48
MW-0608-B1	6/12/2009	12.72	---	825.97	813.25
MW-0608-B1	4/13/2010	11.69	83.99	825.97	814.28
MW-0608-B1	9/5/2010	16.58	90.08	825.97	809.39
MW-0608-B1	4/20/2011	12.25	89.52	825.97	813.72
MW-0608-B1	9/27/2011	14.36	89.75	825.97	811.61
MW-0608-S1	3/23/2006	11.74	30.81	825.97	814.23
MW-0608-S1	3/31/2006	10.97	30.81	825.97	815
MW-0608-S1	4/28/2006	11.66	---	825.97	814.31
MW-0608-S1	12/5/2006	10.73	---	825.97	815.24
MW-0608-S1	3/8/2007	11.43	30.38	825.97	814.54
MW-0608-S1	1/16/2008	11.94	30.45	825.97	814.03
MW-0608-S1	11/11/2008	14.67	30.20	825.97	811.3
MW-0608-S1	2/17/2009	12.93	---	825.97	813.04
MW-0608-S1	6/12/2009	12.27	---	825.97	813.7
MW-0608-S1	4/13/2010	12.13	30.11	825.97	813.84
MW-0608-S1	9/5/2010	14.08	29.96	825.97	811.89
MW-0608-S1	4/20/2011	11.50	29.90	825.97	814.47
MW-0608-S1	9/27/2011	12.38	30.00	825.97	813.59
MW-0608-S2	3/23/2006	9.71	67.75	825.97	816.26
MW-0608-S2	3/31/2006	8.86	67.75	825.97	817.11
MW-0608-S2	4/28/2006	9.76	---	825.97	816.21
MW-0608-S2	12/5/2006	8.43	---	825.97	817.54
MW-0608-S2	3/8/2007	9.70	67.76	825.97	816.27
MW-0608-S2	1/16/2008	12.10	68.91	825.97	813.87
MW-0608-S2	11/11/2008	17.84	67.80	825.97	808.13
MW-0608-S2	2/17/2009	14.45	---	825.97	811.52
MW-0608-S2	6/12/2009	12.68	---	825.97	813.29
MW-0608-S2	4/13/2010	11.59	67.85	825.97	814.38

Table 1. Monitoring Well Groundwater Elevations, Former GM Delco Plant 5, Kokomo, Indiana.

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0608-S2	9/5/2010	16.55	68.25	825.97	809.42
MW-0608-S2	4/20/2011	12.12	67.70	825.97	813.85
MW-0608-S2	9/27/2011	14.31	67.99	825.97	811.66
MW-0609-S1	3/23/2006	9.49	28.45	822.75	813.26
MW-0609-S1	3/31/2006	9.17	28.45	822.75	813.58
MW-0609-S1	4/28/2006	9.47	---	822.75	813.28
MW-0609-S1	12/5/2006	8.62	---	822.75	814.13
MW-0609-S1	3/9/2007	9.15	27.05	822.75	813.6
MW-0609-S1	1/16/2008	9.45	27.40	822.75	813.3
MW-0609-S1	11/11/2008	11.81	27.05	822.75	810.94
MW-0609-S1	2/17/2009	10.22	---	822.75	812.53
MW-0609-S1	6/12/2009	9.73	---	822.75	813.02
MW-0609-S1	4/13/2010	9.84	26.99	822.75	812.91
MW-0609-S1	9/5/2010	11.35	27.05	822.75	811.40
MW-0609-S1	4/20/2011	9.13	27.00	822.75	813.62
MW-0609-S1	9/27/2011	9.85	27.04	822.75	812.90
MW-0609-S2	12/5/2006	5.68	---	823.09	817.41
MW-0609-S2	3/8/2007	6.93	61.32	823.09	816.16
MW-0609-S2	1/16/2008	9.24	61.44	823.09	813.85
MW-0609-S2	11/11/2008	14.97	61.30	823.09	808.12
MW-0609-S2	2/17/2009	11.60	---	823.09	811.49
MW-0609-S2	6/12/2009	9.86	---	823.09	813.23
MW-0609-S2	4/13/2010	8.77	62.43	823.09	814.32
MW-0609-S2	9/5/2010	13.69	61.45	823.09	809.40
MW-0609-S2	4/20/2011	9.22	61.30	823.09	813.87
MW-0609-S2	9/27/2011	11.52	61.59	823.09	811.57
MW-0610-S1	12/5/2006	8.87	---	822.55	813.684
MW-0610-S1	3/8/2007	9.42	31.55	822.55	813.134
MW-0610-S1	1/16/2008	9.97	31.59	822.55	812.584
MW-0610-S1	11/11/2008	11.85	31.46	822.55	810.704
MW-0610-S1	2/17/2009	10.39	---	822.55	812.164
MW-0610-S1	6/12/2009	10.07	---	822.55	812.48
MW-0610-S1	4/13/2010	10.28	31.49	822.55	812.27
MW-0610-S1	9/5/2010	11.55	31.65	822.55	811.00
MW-0610-S1	4/20/2011	9.55	31.42	822.55	813.00
MW-0610-S1	9/27/2011	11.18	31.68	822.55	811.37
MW-0611-S1	12/5/2006	4.97	---	821.77	816.804
MW-0611-S1	3/8/2007	7.45	17.60	821.77	814.324
MW-0611-S1	1/16/2008	8.06	17.70	821.77	813.714
MW-0611-S1	2/17/2009	11.15	---	821.77	810.624
MW-0611-S1	6/12/2009	10.00	---	821.77	811.77
MW-0611-S1	4/13/2010	8.85	17.60	821.77	812.92
MW-0611-S1	9/5/2010	12.67	17.65	821.77	809.10
MW-0612-S1	12/5/2006	9.13	---	823.85	814.715
MW-0612-S1	3/8/2007	8.90	27.12	823.85	814.945
MW-0612-S1	1/16/2008	9.50	27.25	823.85	814.345
MW-0612-S1	11/11/2008	12.44	27.15	823.85	811.405
MW-0612-S1	2/17/2009	10.59	---	823.85	813.255
MW-0612-S1	6/12/2009	9.71	---	823.85	814.14
MW-0612-S2	12/5/2006	6.34	---	823.84	817.499
MW-0612-S2	3/8/2007	7.59	54.94	823.84	816.249
MW-0612-S2	1/16/2008	10.00	55.10	823.84	813.839

Table 1. Monitoring Well Groundwater Elevations, Former GM Delco Plant 5, Kokomo, Indiana.

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0612-S2	11/11/2008	15.74	55.00	823.84	808.099
MW-0612-S2	2/17/2009	12.34	---	823.84	811.499
MW-0612-S2	6/12/2009	10.57	---	823.84	813.27
MW-0613-S1	12/5/2006	5.87	---	822.03	816.163
MW-0613-S1	3/8/2007	6.72	25.36	822.03	815.313
MW-0613-S1	1/16/2008	7.40	25.50	822.03	814.633
MW-0613-S1	11/11/2008	10.57	25.39	822.03	811.463
MW-0613-S1	2/17/2009	8.53	---	822.03	813.503
MW-0613-S1	6/12/2009	7.61	---	822.03	814.42
MW-0613-S1	4/13/2010	7.40	25.40	822.03	814.63
MW-0613-S1	9/5/2010	9.85	25.40	822.03	812.18
MW-0613-S1	4/20/2011	6.79	25.58	822.03	815.24
MW-0613-S1	9/27/2011	7.84	25.58	822.03	814.19
MW-0614-B1	12/5/2006	9.13	---	826.94	817.814
MW-0614-B1	3/8/2007	10.41	89.69	826.94	816.534
MW-0614-B1	1/16/2008	13.06	89.75	826.94	813.884
MW-0614-B1	11/11/2008	18.92	89.62	826.94	808.024
MW-0614-B1	2/17/2009	15.55	---	826.94	811.394
MW-0614-B1	6/12/2009	13.69	---	826.94	813.25
MW-0614-B1	4/13/2010	12.68	89.75	826.94	814.26
MW-0614-B1	9/5/2010	17.66	90.20	826.94	809.28
MW-0614-B1	4/20/2011	13.10	89.60	826.94	813.84
MW-0614-B1	9/27/2011	15.31	89.90	826.94	811.63
MW-0614-S2	12/5/2006	9.05	---	826.81	817.762
MW-0614-S2	3/8/2007	10.33	57.68	826.81	816.482
MW-0614-S2	1/16/2008	13.00	57.80	826.81	813.812
MW-0614-S2	11/11/2008	18.81	57.55	826.81	808.002
MW-0614-S2	2/17/2009	15.45	---	826.81	811.362
MW-0614-S2	6/12/2009	13.58	---	826.81	813.23
MW-0614-S2	4/13/2010	12.58	57.80	826.81	814.23
MW-0614-S2	9/5/2010	17.57	58.05	826.81	809.24
MW-0614-S2	4/20/2011	12.97	57.65	826.81	813.84
MW-0614-S2	9/27/2011	15.21	57.90	826.81	811.60
MW-0615-B1	12/5/2006	12.12	---	824.74	812.615
MW-0615-B1	3/8/2007	13.37	78.28	824.74	811.365
MW-0615-B1	1/16/2008	13.84	78.45	824.74	810.895
MW-0615-B1	11/11/2008	18.16	78.19	824.74	806.575
MW-0615-B1	2/17/2009	14.75	---	824.74	809.985
MW-0615-B1	6/12/2009	14.12	---	824.74	810.62
MW-0615-B1	4/13/2010	13.53	78.36	824.74	811.21
MW-0615-B1	9/5/2010	17.05	78.35	824.74	807.69
MW-0615-B1	4/20/2011	14.05	78.26	824.74	810.69
MW-0615-B1	9/27/2011	15.19	78.45	824.74	809.55
MW-0616-B1	12/5/2006	4.58	110.55	822.3	817.715
MW-0616-B1	3/8/2007	5.88	110.55	822.3	816.415
MW-0616-B1	1/16/2008	8.60	110.55	822.3	813.695
MW-0616-B1	11/11/2008	14.52	110.51	822.3	807.775
MW-0616-B1	2/17/2009	11.02	---	822.3	811.275
MW-0616-B1	6/12/2009	9.18	---	822.3	813.12
MW-0616-B1	4/13/2010	8.23	---	822.3	814.07
MW-0616-B1	9/5/2010	13.10	---	822.3	809.20
MW-0616-B1	4/20/2011	8.51	--	822.3	813.79
MW-0616-B1	9/27/2011	10.76	110.80	822.3	811.54

Table 1. Monitoring Well Groundwater Elevations, Former GM Delco Plant 5, Kokomo, Indiana.

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0616-S1	12/5/2006	6.58	---	822.06	815.479
MW-0616-S1	3/8/2007	7.11	24.36	822.06	814.949
MW-0616-S1	1/16/2008	7.47	24.50	822.06	814.589
MW-0616-S1	11/11/2008	9.84	24.25	822.06	812.219
MW-0616-S1	2/17/2009	8.31	---	822.06	813.749
MW-0616-S1	6/12/2009	7.53	---	822.06	814.53
MW-0616-S1	4/13/2010	7.49	24.30	822.06	814.57
MW-0616-S1	9/5/2010	9.28	24.25	822.06	812.78
MW-0616-S1	4/20/2011	6.39	24.22	822.06	815.67
MW-0616-S1	9/27/2011	7.53	24.40	822.06	814.53
MW-0617-B1	3/8/2007	10.02	---	826.63	816.61
MW-0617-B1	1/16/2008	12.58	---	826.63	814.05
MW-0617-B1	11/11/2008	18.49	---	826.63	808.14
MW-0617-B1	2/17/2009	15.08	---	826.63	811.55
MW-0617-B1	6/12/2009	13.25	---	826.63	813.38
MW-0617-S1	3/8/2007	11.18	29.36	826.47	815.29
MW-0617-S1	1/16/2008	11.90	29.50	826.47	814.57
MW-0617-S1	11/11/2008	14.87	29.40	826.47	811.6
MW-0617-S1	2/17/2009	13.07	---	826.47	813.4
MW-0617-S1	6/12/2009	12.03	---	826.47	814.44
MW-0617-S2	3/8/2007	10.21	63.37	826.66	816.45
MW-0617-S2	1/16/2008	12.80	63.15	826.66	813.86
MW-0617-S2	11/11/2008	18.68	63.20	826.66	807.98
MW-0617-S2	2/17/2009	15.33	---	826.66	811.33
MW-0617-S2	6/12/2009	13.44	---	826.66	813.22
MW-0618-S1	12/5/2006	8.13	---	824.84	816.709
MW-0618-S1	3/8/2007	9.08	27.00	824.84	815.759
MW-0618-S1	1/16/2008	9.72	27.12	824.84	815.119
MW-0618-S1	11/11/2008	13.07	27.05	824.84	811.769
MW-0618-S1	2/17/2009	11.09	---	824.84	813.749
MW-0618-S1	6/12/2009	9.94	---	824.84	814.9
MW-0618-S1	4/13/2010	9.73	27.31	824.84	815.11
MW-0618-S1	9/5/2010	12.32	27.05	824.84	812.52
MW-0618-S1	4/20/2011	9.13	26.99	824.84	815.71
MW-0618-S1	9/27/2011	10.28	27.20	824.84	814.56
MW-0619-S1	12/5/2006	10.13	---	827.46	817.332
MW-0619-S1	3/8/2007	11.12	26.07	827.46	816.342
MW-0619-S1	1/16/2008	11.88	26.20	827.46	815.582
MW-0619-S1	11/11/2008	15.29	26.10	827.46	812.172
MW-0619-S1	2/17/2009	13.51	---	827.46	813.952
MW-0619-S1	6/12/2009	12.03	---	827.46	815.43
MW-0620-S1	12/5/2006	9.94	---	827.39	817.45
MW-0620-S1	3/8/2007	10.97	18.36	827.39	816.42
MW-0620-S1	1/16/2008	11.78	18.46	827.39	815.61
MW-0620-S1	11/11/2008	15.15	18.45	827.39	812.24
MW-0620-S1	2/17/2009	13.41	---	827.39	813.98
MW-0620-S1	6/12/2009	11.89	---	827.39	815.5
MW-0620-S1	4/13/2010	11.60	18.39	827.39	815.79
MW-0620-S1	9/5/2010	13.85	18.40	827.39	813.54
MW-0620-S1	4/20/2011	11.07	18.34	827.39	816.32
MW-0620-S1	9/27/2011	12.19	18.55	827.39	815.20

Table 1. Monitoring Well Groundwater Elevations, Former GM Delco Plant 5, Kokomo, Indiana.

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0621-S1	12/5/2006	9.53	---	826.72	817.193
MW-0621-S1	3/8/2007	10.49	24.55	826.72	816.233
MW-0621-S1	1/16/2008	11.19	24.66	826.72	815.533
MW-0621-S1	11/11/2008	14.62	24.58	826.72	812.103
MW-0621-S1	2/17/2009	12.84	---	826.72	813.883
MW-0621-S1	6/12/2009	11.39	---	826.72	815.33
MW-0621-S1	4/13/2010	11.15	24.63	826.72	815.57
MW-0621-S1	9/5/2010	13.86	24.62	826.72	812.86
MW-0621-S1	4/20/2011	10.68	24.54	826.72	816.04
MW-0621-S1	9/27/2011	11.81	24.78	826.72	814.91
MW-0622-S1	12/5/2006	11.03	---	828.57	817.541
MW-0622-S1	3/8/2007	12.07	23.78	828.57	816.501
MW-0622-S1	1/16/2008	12.90	23.85	828.57	815.671
MW-0622-S1	11/11/2008	16.27	23.82	828.57	812.301
MW-0622-S1	2/17/2009	14.59	---	828.57	813.981
MW-0622-S1	6/12/2009	12.98	---	828.57	815.59
MW-0622-S2	12/5/2006	10.54	---	828.66	818.116
MW-0622-S2	3/8/2007	11.81	65.94	828.66	816.846
MW-0622-S2	1/16/2008	14.01	66.05	828.66	814.646
MW-0622-S2	11/11/2008	20.76	65.95	828.66	807.896
MW-0622-S2	2/17/2009	17.31	---	828.66	811.346
MW-0622-S2	6/12/2009	15.32	---	828.66	813.34
MW-0622-S2	4/13/2010	14.28	66.00	828.66	814.38
MW-0622-S2	9/5/2010	19.50	66.05	828.66	809.16
MW-0622-S2	4/20/2011	14.82	65.89	828.66	813.84
MW-0622-S2	9/27/2011	17.13	66.15	828.66	811.53
MW-0623-S1	3/8/2007	12.37	25.04	829.09	816.72
MW-0623-S1	1/16/2008	13.17	25.17	829.09	815.92
MW-0623-S1	11/11/2008	16.58	25.18	829.09	812.51
MW-0623-S1	2/17/2009	14.96	---	829.09	814.13
MW-0623-S1	6/12/2009	13.37	---	829.09	815.72
MW-0623-S1	4/13/2010	13.00	25.10	829.09	816.09
MW-0623-S1	9/5/2010	15.79	25.10	829.09	813.30
MW-0623-S1	4/20/2011	12.62	25.00	829.09	816.47
MW-0623-S1	9/27/2011	13.80	25.26	829.09	815.29
MW-0702-B1	1/16/2008	10.65	72.70	825.03	814.38
MW-0702-B1	11/11/2008	16.57	72.46	825.03	808.46
MW-0702-B1	2/17/2009	13.19	---	825.03	811.84
MW-0702-B1	6/12/2009	11.30	---	825.03	813.73
MW-0702-B1	4/13/2010	10.29	72.60	825.03	814.74
MW-0702-B1	9/5/2010	15.27	72.60	825.03	809.76
MW-0702-B1	4/20/2011	10.72	72.47	825.03	814.31
MW-0702-B1	9/27/2011	12.89	72.73	825.03	812.14
MW-0703-B1	1/16/2008	13.30	111.32	823.609	810.309
MW-0703-B1	11/11/2008	17.01	111.32	823.609	806.599
MW-0703-B1	2/17/2009	13.66	---	823.609	809.949
MW-0703-B1	6/12/2009	13.21	---	823.609	810.399
MW-0703-B1	4/13/2010	12.45	---	823.609	811.159
MW-0703-B1	9/5/2010	16.10	---	823.609	807.51
MW-0703-B1	4/20/2011	12.73	--	823.609	810.88
MW-0703-B1	9/27/2011	14.12	111.75	823.609	809.49

Table 1. Monitoring Well Groundwater Elevations, Former GM Delco Plant 5, Kokomo, Indiana.

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0704-S1	1/16/2008	9.84	29.31	825.376	815.536
MW-0704-S1	11/11/2008	13.15	29.20	825.376	812.23
MW-0704-S1	2/17/2009	11.27	---	825.376	814.106
MW-0704-S1	6/12/2009	10.04	---	825.376	815.336
MW-0704-S1	4/13/2010	9.83	29.23	825.376	815.546
MW-0704-S1	9/5/2010	12.38	29.20	825.376	813.00
MW-0704-S1	4/20/2011	9.26	29.17	825.376	816.12
MW-0704-S1	9/27/2011	10.39	29.39	825.376	814.99
MW-0705-S1	1/16/2008	11.20	25.78	826.158	814.958
MW-0705-S1	11/11/2008	13.71	25.68	826.158	812.448
MW-0705-S1	2/17/2009	11.86	---	826.158	814.298
MW-0705-S1	6/12/2009	10.79	---	826.158	815.368

Notes:

AMSL - Above mean sea level.

--- Reading not collected

Table 2. Groundwater Analytical Data, Former GM Delco Plant 5, Kokomo, Indiana.

Location ID	Sample Date	Sample Method	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
MW-0501-S1	03/22/06	Low-Flow	< 0.0050 U	0.0044 J	< 0.0050 U	< 0.0050 U	< 0.0020 U
	11/07/06	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	06/25/09	PDB	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	06/25/09	Low-Flow	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	05/05/10	PDB	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	10/28/10	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/13/11	PDB	< 0.0010 U	0.0028	0.00020 J	< 0.0010 U	< 0.0010 U
	10/18/11	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
MW-0501-S2	10/18/05	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	03/21/06	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	0.0022 J	< 0.0020 U
	06/24/09	Low-Flow	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	05/05/10	PDB	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	10/28/10	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/13/11	PDB	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U
	10/18/11	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	10/18/11	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
MW-0505-B1	11/13/06	Direct push	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	11/13/08	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/05/10	PDB	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	10/28/10	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/13/11	PDB	< 0.0010 U	0.0016	< 0.0010 U	< 0.0010 U	< 0.0010 U
	10/18/11	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
MW-0516-S1	10/19/05	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	03/23/06	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	06/25/09	PDB	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	06/25/09	Low-Flow	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	05/05/10	PDB	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	05/06/10	Low-Flow	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	10/28/10	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/13/11	PDB	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U
	10/18/11	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
MW-0603-S1	03/24/06	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	11/08/06	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	06/25/09	Low-Flow	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	05/05/10	PDB	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	10/28/10	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/13/11	PDB	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U
	10/18/11	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
MW-0603-S2	03/24/06	Low-Flow	< 0.0050 U	0.27	0.0086	< 0.0050 U	< 0.0020 U
	11/08/06	Low-Flow	< 0.0050 U	0.27	0.0087	< 0.0050 U	0.002
	06/25/09	Low-Flow	< 0.005 U	0.293	0.0115	< 0.005 U	< 0.002 U
	(duplicate) 05/05/10	PDB	< 0.005 U	0.0687	< 0.005 U	< 0.005 U	< 0.002 U
	05/05/10	PDB	< 0.005 U	0.0657	< 0.005 U	< 0.005 U	< 0.002 U
	05/06/10	Low-Flow	< 0.005 U	0.291	0.0106	< 0.005 U	< 0.002 U
	10/28/10	PDB	< 0.0050 U	0.0742	< 0.0050 U	< 0.0050 U	< 0.0020 U
	(duplicate) 05/13/11	PDB	< 0.0017 U	0.064	0.0022	< 0.0017 U	< 0.0017 U
	05/13/11	PDB	< 0.0017 U	0.069	0.0022	< 0.0017 U	0.00079 J
	(duplicate) 10/18/11	PDB	< 0.0050 U	0.0601	< 0.0050 U	< 0.0050 U	< 0.0020 U
	10/18/11	PDB	< 0.0050 U	0.0619	< 0.0050 U	< 0.0050 U	< 0.0020 U
	10/18/11	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
MW-0607-B1	11/12/08	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	06/25/09	Low-Flow	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	05/05/10	PDB	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	10/28/10	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/13/11	PDB	< 0.0010 U	0.0032	0.00044 J	< 0.0010 U	< 0.0010 U
	10/18/11	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
MW-0607-S1	03/24/06	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	11/06/06	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	06/25/09	Low-Flow	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	05/05/10	PDB	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	05/06/10	Low-Flow	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	10/28/10	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/13/11	PDB	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U
	10/18/11	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U

Table 2. Groundwater Analytical Data, Former GM Delco Plant 5, Kokomo, Indiana.

Location ID	Sample Date	Sample Method	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
MW-0607-S2	03/07/07	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	11/12/08	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/05/10	PDB	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	05/06/10	Low-Flow	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	10/28/10	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/13/11	PDB	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U	0.00066 J
	10/18/11	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
MW-0609-S2	11/10/06	Low-Flow	< 0.0050 U	0.073	0.01	< 0.0050 U	0.0041
	11/12/08	Low-Flow	< 0.0050 U	0.0222	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/05/10	PDB	< 0.005 U	0.127	0.017	< 0.005 U	0.0041
	05/06/10	Low-Flow	< 0.005 U	0.102	0.013	< 0.005 U	0.0035
	10/28/10	PDB	< 0.0050 U	0.0203	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/13/11	PDB	< 0.0040 U	0.13	0.017	< 0.0040 U	0.0048
	10/18/11	PDB	< 0.0050 U	0.0241	< 0.0050 U	< 0.0050 U	< 0.0020 U
MW-0610-S1	11/10/06	Low-Flow	< 0.0050 U	0.04	0.0042 J	< 0.0050 U	0.0019 J
	11/12/08	Low-Flow	< 0.0050 U	0.0191	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/05/10	PDB	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	10/28/10	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/13/11	PDB	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U
	10/18/11	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
MW-0613-S1	11/10/06	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	11/12/08	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/05/10	PDB	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	10/28/10	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/13/11	PDB	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U
	10/18/11	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
MW-0614-S2	11/16/06	Direct Fill	< 0.0050 U	0.0026 J	< 0.0050 U	< 0.0050 U	< 0.0020 U
	11/12/08	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/05/10	PDB	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	10/28/10	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/13/11	PDB	< 0.0010 U	0.0016	< 0.0010 U	< 0.0010 U	< 0.0010 U
	10/18/11	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
MW-0615-B1 (duplicate)	11/20/06	Direct Fill	< 0.0050 U	0.0016 J	< 0.0050 U	0.0018 J	< 0.0020 U
	11/20/06	Direct Fill	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	11/14/08	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/05/10	PDB	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	10/28/10	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/13/11	PDB	< 0.0010 U	0.0018	< 0.0010 U	< 0.0010 U	< 0.0010 U
	10/18/11	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
MW-0622-S2	11/21/06	Direct Fill	< 0.0050 U	0.0017 J	< 0.0050 U	< 0.0050 U	< 0.0020 U
	11/13/08	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/05/10	PDB	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	10/28/10	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/13/11	PDB	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U
	10/18/11	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
MW-0623-S1 (duplicate)	03/07/07	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	11/12/08	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	11/12/08	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	0.0203 J	< 0.0020 U
	12/29/08	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/05/10	PDB	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	10/28/10	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/13/11	PDB	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U
	10/18/11	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
MW-0703-B1	11/12/08	Low-Flow	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	06/26/09	Low-Flow	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	05/05/10	PDB	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.002 U
	10/28/10	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
	05/13/11	PDB	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U
	10/18/11	PDB	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0050 U	< 0.0020 U
Maximum Contaminant Level			0.007	0.07	0.1	0.005	0.002

Notes:

All results in mg/L

Chemicals that were identified in the Ei CA750 are presented.

53 Detections are boldfaced

14 Exceedences of MCL are boldfaced and shaded gray

CITY: SYRACUSE DIV: GROUP: Env-141 DB: AMS GMS LD: AMS PM (Regd) LVRONL=OFF=REF
G:\ENVCADSYRACUSE\ACT\1000894\031\00007\CA750\DWG\00894\031.dwg LAYOUT: 1 SAVED: 12/28/2011 4:07 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: C:\D2B-PDF-CONV PLOTSTYLETABLE: PLOT100.ctb PLOTTED: 12/28/2011 4:52 PM BY: STOWELL, GARY

XREFS: 00894XLD
IMAGES: PROJECTNAME: 00894XLD

SAMPLE LOCATION	MW-0609-S2	
	5/5/2010	SAMPLE DATE
	mg/l	UNITS
	PDB	SAMPLE INTERVAL (FEET BELOW GROUND SURFACE)
ANALYTICAL PARAMETER	Groundwater	MATRIX
	VOC	
	1,1-Dichloroethene	< 0.005 U
	cis-1,2-Dichloroethene	0.127
	trans-1,2-Dichloroethene	0.017
	Trichloroethene	< 0.005 U
	Vinyl chloride	0.0041

DATA VALIDATION QUALIFIERS

- J – ESTIMATED VALUE
- U – ANALYTE/COMPOUND WAS ANALYZED FOR BUT NOT DETECTED
- UJ – EXCEEDS INSERT SCREENING CRITERIA

DATABOX INFORMATION:

WATER ANALYTICAL RESULTS (mg/L)

DATABOXES INCLUDE CONSTITUENTS THAT WERE DETECTED ABOVE THE FOLLOWING SCREENING CRITERIA:

GROUNDWATER – STATE OR FEDERAL MCLS OR REGION 9 TAP WATER INGESTION VALUES AT A TARGET CANCER RISK OF 10⁻⁵.

CONCENTRATIONS EXCEEDING THE CRITERIA WERE IDENTIFIED AS FOLLOWS:

- OFF–SITE WATER EXCEEDING ANY OF THE FOLLOWING CRITERIA: STATE OR FEDERAL MCLS OR REGION 9 TAP WATER INGESTION VALUES AT A TARGET CANCER RISK OF 10⁻⁵, CALCULATED CONSTRUCTION WORKER GROUNDWATER CONTACT CRITERIA AT A TARGET CANCER RISK OF 10⁻⁵, CALCULATED RESIDENTIAL NON–POTABLE USE (I.E., KIDDIE POOL) CRITERIA, AND RESIDENTIAL VOLATILIZATION TO INDOOR AIR CRITERIA AT A TARGET CANCER RISK OF 10⁻⁵.
- ON–SITE WATER EXCEEDING ANY OF THE FOLLOWING CRITERIA: STATE OR FEDERAL MCLS OR REGION 9 TAP WATER INGESTION VALUES AT A TARGET CANCER RISK OF 10⁻⁵, CALCULATED CONSTRUCTION WORKER GROUNDWATER CONTACT CRITERIA AT A TARGET CANCER RISK OF 10⁻⁵, AND INDUSTRIAL VOLATILIZATION TO INDOOR AIR CRITERIA AT A TARGET CANCER RISK OF 10⁻⁵.

LEGEND

- MW-0601-P1 MONITORING WELL SCREENED IN DISCONTINUOUS UNIT. P1 DENOTES SCREENED INTERVAL IS IN A PERCHED ZONE ABOVE UNIT S1. I2 DENOTES SCREENED INTERVAL IS A SAND UNIT BETWEEN UNITS S1 AND S2.
- MW-0603-S1 MONITORING WELL S2 SCREENED IN UNIT S1.
- MW-0603-S2 MONITORING WELL SCREENED IN UNIT S2.
- MW-0603-B1 MONITORING WELL SCREENED IN UNIT B1. UNIT B1 REFERS TO THE UPPER–MOST TRANSMISSIVE ZONE WITHIN THE LIMESTONE BEDROCK UNIT.
- MW-0615-B1a MONITORING WELL (B1A LOCATIONS ARE OPEN BEDROCK BOREHOLES TO A DEPTH OF APPROXIMATELY 150 FT BG CURRENTLY SEALED WITH FLUTE LINERS).
- SGP-0711 SOIL GAS MONITORING POINT.
- PROPERTY BOUNDARY.
- FORMER BUILDING OUTLINE.
- AOI 1 AREA OF INTEREST.

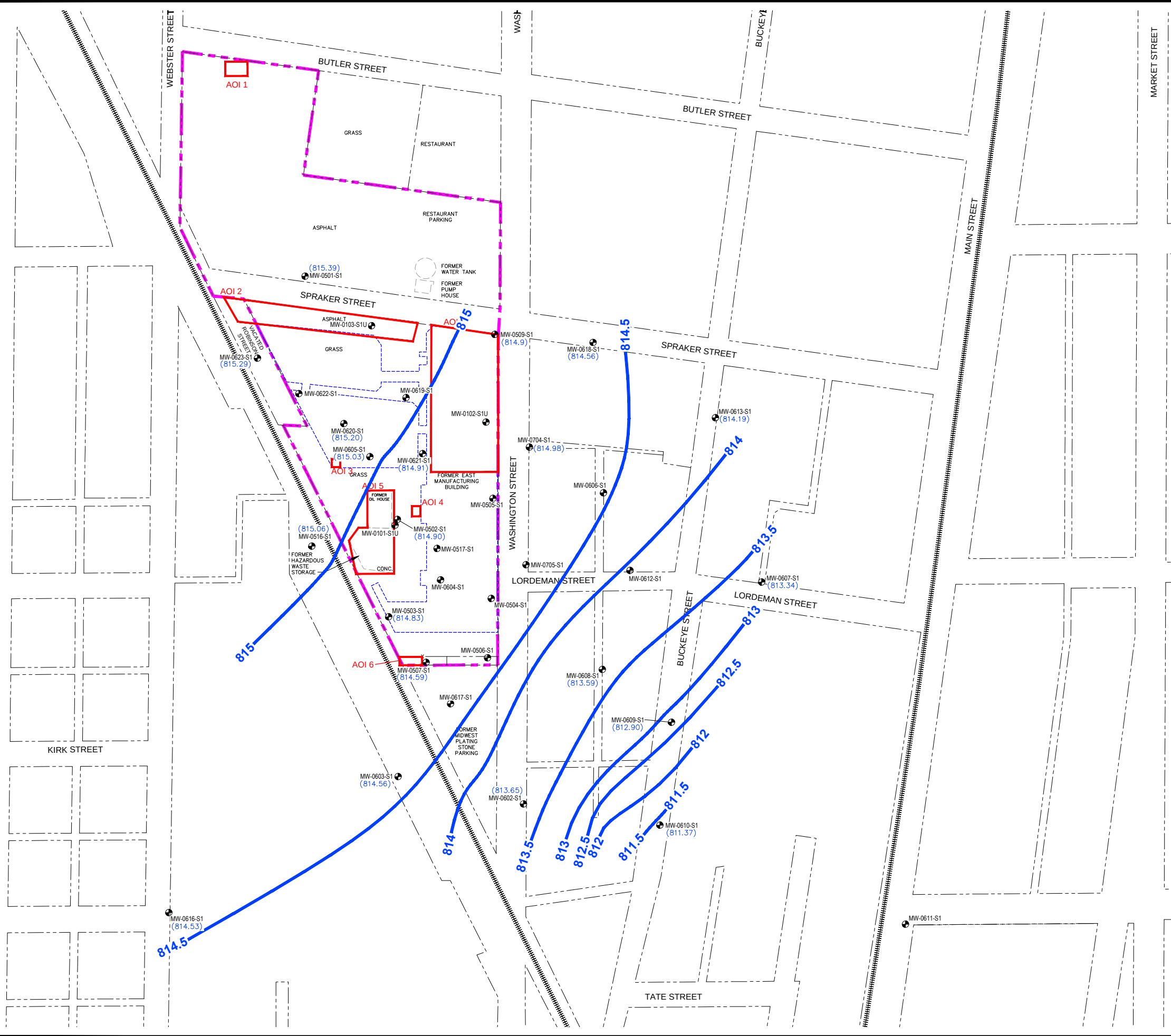
NOTE:

FOR WELL SYMBOLS:
"S" DENOTES CONTINUOUS SATURATED SAND UNIT
"B" DENOTES SATURATED BEDROCK UNIT
"P" DENOTES DISCONTINUOUS SATURATED SAND UNIT ABOVE UNIT S1
"I" DENOTES DISCONTINUOUS SATURATED SAND UNIT BETWEEN UNITS S1 AND S2
SUFFIX "U" DENOTES WELL SCREEN IN UPPER PORTION OF AQUIFER

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LEGEND SHEET





LEGEND

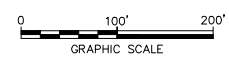
MW-0603-S1 ● MONITORING WELL SCREENED IN UNIT S1

AOI

PROPERTY BOUNDARY

(815.06) GROUNDWATER ELEVATION

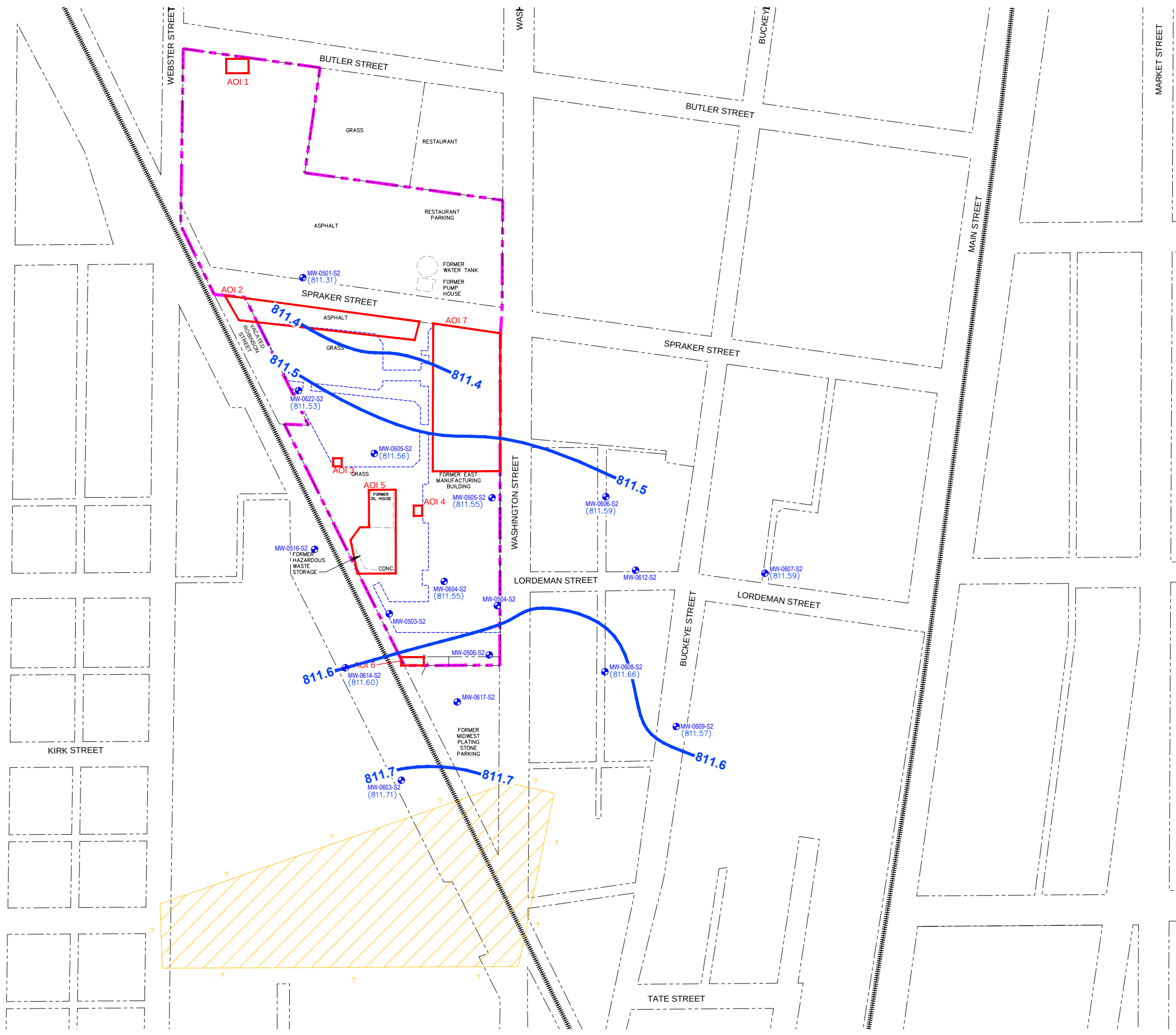
815 GROUNDWATER CONTOUR



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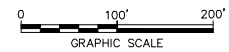
**POTENTIOMETRIC SURFACE - UNIT S1
(SEPTEMBER 27, 2011)**

DRAWING
2



LEGEND

- MW-0603-S2 MONITORING WELL SCREENED IN UNIT S2
- AOI
- PROPERTY BOUNDARY
- DENOTES AREA WHERE S2 UNIT IS NOT PRESENT
- (811.57) GROUNDWATER ELEVATION
- 811.5 GROUNDWATER CONTOUR

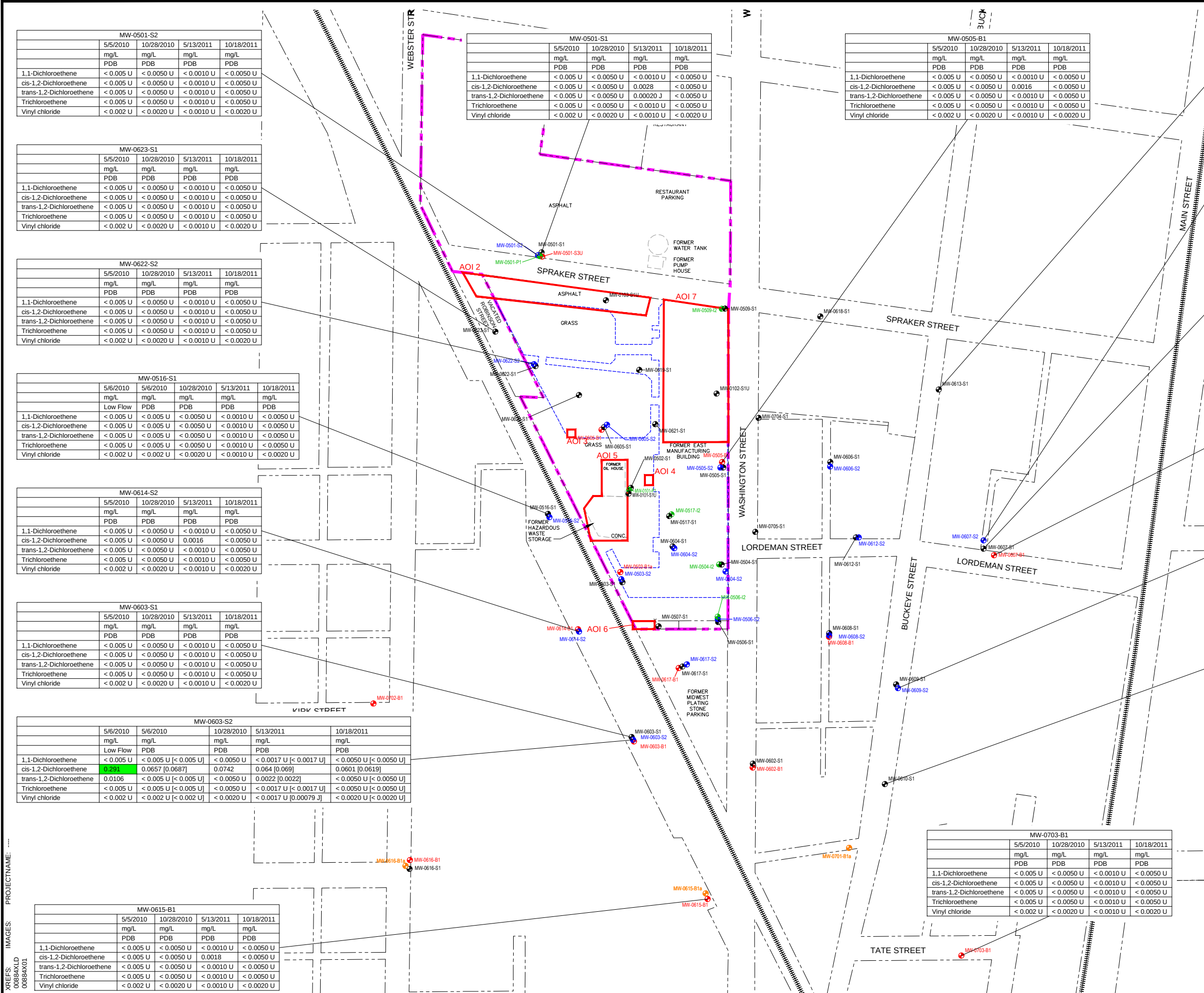


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**POTENTIOMETRIC SURFACE - UNIT S2
(SEPTEMBER 27, 2011)**

ARCADIS

DRAWING
3



MW-0501-S2					
	5/5/2010	10/28/2010	5/13/2011	10/18/2011	
	mg/L	mg/L	mg/L	mg/L	
	PDB	PDB	PDB	PDB	
1,1-Dichloroethene	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U	
cis-1,2-Dichloroethene	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U	
trans-1,2-Dichloroethene	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U	
Trichloroethene	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U	
Vinyl chloride	< 0.002 U	< 0.0020 U	< 0.0010 U	< 0.0020 U	

MW-0501-S1					
	5/5/2010	10/28/2010	5/13/2011	10/18/2011	
	mg/L	mg/L	mg/L	mg/L	
	PDB	PDB	PDB	PDB	
1,1-Dichloroethene	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U	
cis-1,2-Dichloroethene	< 0.005 U	< 0.0050 U	0.0028	< 0.0050 U	
trans-1,2-Dichloroethene	< 0.005 U	< 0.0050 U	0.00020 J	< 0.0050 U	
Trichloroethene	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U	
Vinyl chloride	< 0.002 U	< 0.0020 U	< 0.0010 U	< 0.0020 U	

MW-0505-B1					
	5/5/2010	10/28/2010	5/13/2011	10/18/2011	
	mg/L	mg/L	mg/L	mg/L	
	PDB	PDB	PDB	PDB	
1,1-Dichloroethene	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U	
cis-1,2-Dichloroethene	< 0.005 U	< 0.0050 U	0.0016	< 0.0050 U	
trans-1,2-Dichloroethene	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U	
Trichloroethene	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U	
Vinyl chloride	< 0.002 U	< 0.0020 U	< 0.0010 U	< 0.0020 U	

MW-0613-S1					
	5/5/2010	10/28/2010	5/13/2011	10/18/2011	
	mg/L	mg/L	mg/L	mg/L	
	PDB	PDB	PDB	PDB	
1,1-Dichloroethene	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U	
cis-1,2-Dichloroethene	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U	
trans-1,2-Dichloroethene	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U	
Trichloroethene	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U	
Vinyl chloride	< 0.002 U	< 0.0020 U	< 0.0010 U	< 0.0020 U	

MW-0607-S2					
	5/6/2010	10/28/2010	5/13/2011	10/18/2011	
	mg/L	mg/L	mg/L	mg/L	
	Low Flow	PDB	PDB	PDB	
1,1-Dichloroethene	< 0.005 U	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U
cis-1,2-Dichloroethene	< 0.005 U	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U
trans-1,2-Dichloroethene	< 0.005 U	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U
Trichloroethene	< 0.005 U	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U
Vinyl chloride	< 0.002 U	< 0.002 U	< 0.0020 U	0.00066 J	< 0.0020 U

MW-0607-S1					
	5/6/2010	10/28/2010	5/13/2011	10/18/2011	
	mg/L	mg/L	mg/L	mg/L	
	Low Flow	PDB	PDB	PDB	
1,1-Dichloroethene	< 0.005 U	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U
cis-1,2-Dichloroethene	< 0.005 U	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U
trans-1,2-Dichloroethene	< 0.005 U	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U
Trichloroethene	< 0.005 U	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U
Vinyl chloride	< 0.002 U	< 0.002 U	< 0.0020 U	< 0.0010 U	< 0.0020 U

MW-0607-B1					
	5/5/2010	10/28/2010	5/13/2011	10/18/2011	
	mg/L	mg/L	mg/L	mg/L	
	PDB	PDB	PDB	PDB	
1,1-Dichloroethene	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U	
cis-1,2-Dichloroethene	< 0.005 U	< 0.0050 U	0.0032	< 0.0050 U	
trans-1,2-Dichloroethene	< 0.005 U	< 0.0050 U	0.00044 J	< 0.0050 U	
Trichloroethene	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U	
Vinyl chloride	< 0.002 U	< 0.0020 U	< 0.0010 U	< 0.0020 U	

MW-0609-S2					
	5/6/2010	10/28/2010	5/13/2011	10/18/2011	
	mg/L	mg/L	mg/L	mg/L	
	Low Flow	PDB	PDB	PDB	
1,1-Dichloroethene	< 0.005 U	< 0.005 U	< 0.0050 U	< 0.0040 U	< 0.0050 U
cis-1,2-Dichloroethene	0.102	0.127	0.0203	0.13	0.0241
trans-1,2-Dichloroethene	0.0130	0.0170	< 0.0050 U	0.017	< 0.0050 U
Trichloroethene	< 0.005 U	< 0.005 U	< 0.0050 U	< 0.0040 U	< 0.0050 U
Vinyl chloride	0.0035	0.0041	< 0.0020 U	0.0048	< 0.0020 U

MW-0610-S1					
	5/5/2010	10/28/2010	5/13/2011	10/18/2011	
	mg/L	mg/L	mg/L	mg/L	
	PDB	PDB	PDB	PDB	
1,1-Dichloroethene	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U	
cis-1,2-Dichloroethene	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U	
trans-1,2-Dichloroethene	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U	
Trichloroethene	< 0.005 U	< 0.0050 U	< 0.0010 U	< 0.0050 U	
Vinyl chloride	< 0.002 U	< 0.0020 U	< 0.0010 U	< 0.0020 U	

NOTE:

1. REFER TO LEGEND SHEET FOR MAP SYMBOLS.

0 100' 200'

GRAPHIC SCALE

N

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GROUNDWATER ANALYTICAL RESULTS
SELECT VOCs

ARCADIS

DRAWING
5



Appendix A

Data Validation Report and
Groundwater Analytical Reports
(Provided on CD)