



engineering and constructing a better tomorrow

May 9, 2011

Mr. Kevin Houppert, LPG
Remediation Services Branch
Indiana Department of Environmental Management
100 North Senate Ave.
Indianapolis, IN 46204-2251

**RE: December 2010 Groundwater Monitoring Event at the TORX Facility,
4366 North Old US Highway 31, Rochester, Indiana
MACTEC Project Number 3359-09-2469**

Dear Mr. Houppert:

MACTEC Engineering & Consulting, Inc. (MACTEC) has prepared this letter report to summarize the results of the December 2010 groundwater monitoring event at the TORX facility in Rochester, Indiana (Site). The monitoring event was the sixth event completed since the commencement of the Further Site Investigation at the Site. The groundwater sampling analytical data has been validated according to the procedures presented in the January 9, 2009 Investigation Work Plan.

SCOPE OF WORK

On July 14, 2010, MACTEC submitted the Phase 2 Further Site Investigation Report to the Indiana Department of Environmental Management (IDEM) and suggested continuing the quarterly groundwater monitoring using a reduced number of monitoring wells. IDEM approved the new monitoring well network on September 22, 2010 and requested that bedrock monitoring well, MW-45(185), and well nest MW-20 be included in the revised monitoring network. This is the second groundwater monitoring event in which only the revised monitoring network has been monitored. The revised monitoring network includes a total of 89 monitoring wells, as shown on Figure 1 and listed in Table 1. In addition to the approval of the revised monitoring network, IDEM suggested that the potable/residential well located at 4377 North Old US Highway 31 be included in the monitoring network for the December 2010 and the subsequent monitoring events.

On December 6, 2010, prior to commencing groundwater sampling, the depth to groundwater was measured in each well. In addition, the surface water levels were measured in the TORX Pond, the Eastern Pond, and the Tippecanoe River. The surface water levels in the ponds were measured from staff gages, and the surface water level in the Tippecanoe River was measured from a surveyed reference point on the Tippecanoe River bridge located just north of the intersection of North Old US Highway 31 and 350N.

Between December 7 and December 16, 2010, groundwater samples were collected from the 88 monitoring wells screened in the overburden aquifer and from the one monitoring well screened in the bedrock aquifer. The monitoring event was performed in accordance with the January 4, 2010 *Phase 2 Further Site Investigation Work Plan* using a 2-inch submersible sampling pump for the 2-inch wells. For 1.5-inch wells located inside the Acument Facility and the 1-inch wells located east of North Old US Highway 31, 0.75-inch diameter PVC, disposable bailers were used. Prior to sample collection, at least three volumes of groundwater were removed from each well.

In addition to collecting groundwater samples from monitoring wells, a water sample was collected from the potable water well located at 4377 North Old Highway 31 on December 15, 2010. Twenty gallons of water was evacuated from the well at a purge rate of one gallon per minute. The water sample was collected from the spigot in the basement of the house located between the well and the water holding tank. Prior to sampling, the spigot valve was partly closed to decrease the discharge rate, and the water sample was collected.

The groundwater samples collected in December 2010 were submitted to ALS Laboratory Group in Holland, Michigan for volatile organic compound (VOC) analyses using USEPA Method SW8260B.

On January 5, 2011, while on-site for other sampling activities, MACTEC collected a second water sample from the potable water well located at 4377 North Old Highway 31. The well was purged for 30 minutes using the submersible house pump at a discharge rate of 15 gallons per minute. Approximately 450 gallons was evacuated from the well prior to sample collection. During purging, the static water level in the well dropped 5.7 feet. The sample was collected from the same spigot as the December 2010 event. The water sample was submitted to ALS Laboratory Group in Holland, Michigan for VOC analyses using USEPA Method SW8260B.

GROUNDWATER FLOW

Groundwater and surface water elevations are summarized in Table 2. Using the calculated water elevations for December 6, 2010, groundwater contour maps were prepared for the shallow overburden aquifer (Figure 2), deep overburden aquifer (Figure 3), and bedrock aquifer (Figure 4).

Based on the groundwater contour map for the shallow overburden aquifer (Figure 2), there appear to be two dominant components of groundwater flow in the shallow overburden aquifer. Groundwater from the Site flows toward the east-southeast. In the vicinity of the Eastern Pond and E 425N, the direction of groundwater flow changes from the east-southeast to the south-southeast. Then, south of E 425N, groundwater flow is in a more southerly direction.

Based upon the groundwater contour map for the deep overburden aquifer (Figure 3), groundwater flow is toward the south in the central and southern portion of the Site. East of the Site, groundwater flow is in a southeasterly direction. South of the Site, groundwater appears to generally flow to the south - southeast.

Groundwater flow in the bedrock aquifer is in a southeasterly direction in the northern and central portions of the Site and in a southerly direction in the southern portion of the Site (Figure 4).

These directions of groundwater flow are consistent with groundwater flow of previous events.

GROUNDWATER SAMPLE RESULTS

In general, the distribution of VOCs detected during this groundwater monitoring event are consistent with previous monitoring events, high concentrations of VOCs were observed in the source area monitoring wells and VOCs were not detected in the perimeter or sentinel monitoring well nests. The source area monitoring wells include monitoring wells MW-59, MW-67, MW-68, MW-71, and MW-72. The sentinel monitoring well nests include MW-29, MW-31, MW-35, MW-36, MW-37, MW-38, MW-39, MW-50, and MW-51. The results of the VOC analyses are summarized on Table 3 and the laboratory reports along with the data validation report are included in Appendix 1. Figure 5 shows VOC concentrations detected in the samples collected during the Sixth Groundwater Monitoring Event and illustrates the approximate extent of concentrations that are greater than corresponding United States Environmental Protection Agency's (USEPA) Maximum Contaminant Levels (MCLs). The following paragraphs summarize the results of the analyses.

VOCs in the Overburden Aquifer

The following VOCs, which were previously identified as chemicals of concern at the Site, were detected at concentrations exceeding the USEPA MCLs in one or more of the groundwater samples collected from the overburden monitoring wells.

- 1,1-dichloroethene (1,1-DCE)
- cis-1,2-DCE
- trans-1,2-DCE
- Trichloroethene (TCE)
- Vinyl chloride

As observed in during previous monitoring events, the greatest VOC concentrations were detected in the groundwater samples collected from the monitoring wells located in the source area or immediately downgradient of the source area. The following lists the greatest VOC concentration detected for each chemical of concern associated with the Site.

- 1,1-DCE: 220 micrograms per liter ($\mu\text{g/l}$) in samples MW59(29) and MW72(32)
- cis-1,2-DCE: 100,000 $\mu\text{g/l}$ in sample MW-72(32)
- trans-1,2-DCE: 310 $\mu\text{g/l}$ in sample MW-59(29)
- TCE: 520 $\mu\text{g/l}$ in sample MW-59(29)
- Vinyl chloride: 23,000 $\mu\text{g/l}$ in sample MW72(32)

The groundwater samples collected from the sentinel wells, which are located immediately downgradient of the leading edge of the plume, did not contain VOCs above the laboratory detection limit except low concentrations of cis-1,2-DCE. Cis-1,2-DCE was detected in the groundwater samples collected from sentinel wells MW50(45) at a concentration of 4.1 µg/l and MW31(30.9) at an estimated concentration of 0.68 µg/l.

VOCs were not detected in the potable water sample collected from 4377 North Old Highway 31 on December 15, 2010. In order to confirm these results an additional potable water sample was collected from the water system on January 5, 2011 after purging 450 gallons from the well. The water sample collected on January 5, 2011 contained vinyl chloride (1.4 µg/L) and cis-1,2-DCE (estimated concentration 0.45 µg/L).

VOCs in the Bedrock Aquifer

VOCs were not detected in the groundwater samples collected from the bedrock monitoring well (i.e., MW-45(185)).

CONCLUSIONS

The existing groundwater monitoring well network continues to provide an adequate definition of the VOC plume at the Site. This is based on the analytical data and depth to groundwater measurements obtained from the December 2010 groundwater monitoring event. While the concentration of VOCs in the source area and immediately downgradient of the source area exceed MCLs, the VOCs detected in the majority of the sentinel monitoring wells were less than detection limits. The only sentinel monitoring wells in which VOCs were detected above the laboratory detection limit were MW50(45) and MW31(30.9), which contained cis-1,2-DCE at 4.7 ug/L and 0.68 ug/L respectively.

The VOC concentration fluctuations in the source area wells will continue to be monitored during future groundwater monitoring events.

Vinyl chloride and cis-1,2-DCE was detected in the samples collected from the potable water well located at 4377 North Old Highway 31. Based on the detection of vinyl chloride and cis-1,2-DCE, MACTEC plans to abandon this well in the near future.

FUTURE GROUNDWATER MONITORING EVENTS

Groundwater monitoring was completed in March 2011. The analytical data from the March 2011 monitoring event are scheduled for data validation. Presuming the results of the validation for the March 2011 analytical data are acceptable, the monitoring frequency will be decreased to semiannually as recommended in the Phase 2 Further Site Investigation Report. The first semi-annual monitoring event is tentatively scheduled for September 2011.

CLOSING

If you have any questions or comments about the results presented in this document, please contact Paul Stork at (937) 859-3600.

Sincerely,

MACTEC ENGINEERING AND CONSULTING, INC.



Paul J. Stork
Project Manager



Dayne M. Crowley
Chief Scientist

Attachments

cc: Ms. Laura Stirban, LPG (MACTEC)
Mr. Jamie Schiff (Textron, Inc.)
Ms. Theresa Holz (U.S. EPA Region 5)

TABLES

Table 1

Revised Monitoring Well Network for Quarterly Groundwater Monitoring
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well ID	Include / Remove From Network	Justification
MW-1	Include	Upgradient well with trace VOCs
MW-2	Remove	A Non Impacted Upgradient Well
MW-3	Include	Downgradient of Source Area Impacted Well
MW-4	Remove	A Non Impacted Well
MW-5	Remove	A Non Impacted Well
MW-6B	Remove	Close to MW-20
MW-6C	Include	Impacted Well in Plume with Elevated Concentrations
MW-7	Remove	Upgradient
MW-8	Remove	Less than MCLs
MW-9A	Remove	A Non Impacted Deep Well
MW-9B	Include	A Non Impacted Well
MW-9C	Include	Needs 4 Quarters of Sampling
MW-10A	Remove	Upgradient, less than MCLs for Last 10 years
MW-10B	Remove	Upgradient, less than MCLs for Last 10 years
MW-10C	Remove	Upgradient, less than MCLs for Last 10 years
MW-11	Include	Impacted Well in Plume with Elevated Concentrations
MW-12	Include	Impacted Well in Plume with Elevated Concentrations
MW-13	Include	Impacted Well in Plume with Elevated Concentrations
MW-14	Include	Impacted Well in Plume with Elevated Concentrations
MW-15	Include	Impacted Well in Plume with Elevated Concentrations
MW-16	Include	Impacted Well in Plume with Elevated Concentrations
MW-17	Include	Impacted Well in Plume with Elevated Concentrations
MW-18(38.6)	Remove	Upgradient Cluster
MW-18(63)	Remove	Upgradient Cluster
MW-18(164)	Remove	Upgradient Cluster
MW-19(33)	Remove	A Non Impacted Well
MW-19(53)	Include	Impacted Well in Plume with Elevated Concentrations
MW-19(118)	Remove	A Non Impacted Deep Well
MW-20(35)	Include	Impacted Well in Plume with Elevated Concentrations
MW-20(51)	Include	Impacted Well in Plume with Elevated Concentrations
MW-20(124)	Include	Recommended by IDEM
MW-20(155)	Include	Recommended by IDEM
MW-21(40.2)	Remove	Well less than MCLs
MW-21(128)	Remove	A Non Impacted Deep Well
MW-21(155.3)	Remove	A Non Impacted Deep Well
MW-22(37)	Remove	A Non Impacted Well
MW-22(67.7)	Remove	A Non Impacted Well
MW-22(130.7)	Remove	A Non Impacted Deep Well
MW-23(39.9)	Remove	Upgradient Well
MW-23(105.6)	Remove	Upgradient Well
MW-23(122.7)	Remove	Upgradient Well
MW-24(24.9)	Remove	Well less than MCLs
MW-24(55.4)	Include	Impacted Well in Plume with Elevated Concentrations
MW-24(122.6)	Remove	A Non Impacted Deep Well
MW-24(159.4)	Remove	A Non Impacted Deep Well
MW-25(16.4)	Include	Impacted Well in Plume with Elevated Concentrations
MW-25(32.6)	Include	Impacted Well in Plume with Elevated Concentrations
MW-25(45.2)	Remove	Within 15 feet of MW-15
MW-25(82)	Include	Impacted Well in Plume with Elevated Concentrations
MW-25(145)	Remove	A Non Impacted Deep Well
MW-26(17.5)	Include	Impacted Well in Plume with Elevated Concentrations
MW-26(28.8)	Remove	Within 15 feet of MW-16
MW-26(58.2)	Include	Impacted Well in Plume with Elevated Concentrations
MW-26(114.8)	Remove	A Non Impacted Deep Well
MW-26(143.6)	Remove	A Non Impacted Deep Well
MW-27(18)	Include	Impacted Well in Plume with Elevated Concentrations
MW-27(53.05)	Include	Impacted Well in Plume with Elevated Concentrations
MW-27(75.4)	Include	Impacted Well in Plume with Elevated Concentrations
MW-27(104.2)	Include	Impacted Well in Plume with Elevated Concentrations

Table 1 continued

Revised Monitoring Well Network for Quarterly Groundwater Monitoring
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well ID	Include / Remove From Network	Justification
MW-27(135)	Remove	A Non Impacted Deep Well
MW-28(24.3)	Remove	A Non Impacted Well
MW-28(53.2)	Remove	A Non Impacted Well
MW-28(117.7)	Remove	A Non Impacted Well
MW-28(138.1)	Remove	A Non Impacted Well
MW-29(82.5)	Include	Point of Compliance Well
MW-29(103.3)	Include	Point of Compliance Well
MW-29(132.8)	Include	Point of Compliance Well
MW-30(41.1)	Include	Impacted Well in Plume with Elevated Concentrations
MW-30(120.2)	Remove	A Non Impacted Well
MW-30(148)	Remove	A Non Impacted Deep Well
MW-31(30.9)	Include	Point of Compliance Well
MW-31(55.5)	Include	Point of Compliance Well
MW-31(98.5)	Include	Point of Compliance Well
MW-31(139.2)	Include	Point of Compliance Well
MW-32(24.1)	Include	Downgradient Impacted Well
MW-32(89)	Include	Downgradient Impacted Well
MW-32(110)	Include	Point of Compliance Well
MW-33(23.1)	Remove	A Non Impacted Well
MW-33(70.9)	Remove	A Non Impacted Well
MW-33(129.1)	Remove	A Non Impacted Well
MW-33(208.9)	Remove	A Non Impacted Well
MW-34(37)	Include	Downgradient Impacted Well
MW-34(85)	Include	Point of Compliance Well
MW-34(110)	Include	Point of Compliance Well
MW-34(135)	Remove	A Non Impacted Well
MW-35(45)	Include	Point of Compliance Well
MW-35(90)	Include	Point of Compliance Well
MW-35(148)	Include	Point of Compliance Well
MW-36(35.2)	Include	Point of Compliance Well
MW-36(92.4)	Include	Point of Compliance Well
MW-36(124.5)	Include	Point of Compliance Well
MW-37(23.3)	Include	Point of Compliance Well
MW-37(70)	Include	Point of Compliance Well
MW-37(98)	Include	Point of Compliance Well
MW-38(20.8)	Include	Point of Compliance Well
MW-38(29.1)	Include	Point of Compliance Well
MW-38(69.9)	Include	Point of Compliance Well
MW-38(102.5)	Include	Point of Compliance Well
MW-39(13)	Include	Point of Compliance Well
MW-39(29.3)	Include	Point of Compliance Well
MW-39(76.8)	Include	Point of Compliance Well
MW-40 (198.8)	Remove	Non-Impacted Bedrock Well
MW-41 (190)	Remove	Non-Impacted Bedrock Well
MW-42 (175.3)	Remove	Non-Impacted Bedrock Well
MW-43 (190)	Remove	Non-Impacted Bedrock Well
MW-44 (185.9)	Remove	Non-Impacted Bedrock Well
MW-45 (185)	Include	Recommended by IDEM
MW-46 (95.5)	Remove	A Non Impacted Well
MW-47(109.7)	Remove	A Non Impacted Well
MW-47(137.8)	Remove	A Non Impacted Well
MW48(54)	Include	Needs 4 Quarters of Sampling
MW48(105)	Include	Needs 4 Quarters of Sampling
MW48(129)	Include	Needs 4 Quarters of Sampling
MW48(159)	Include	Needs 4 Quarters of Sampling
MW49(20)	Include	Needs 4 Quarters of Sampling
MW49(45)	Include	Needs 4 Quarters of Sampling
MW49(95)	Include	Needs 4 Quarters of Sampling
MW49(200)	Include	Needs 4 Quarters of Sampling

Table 1 continued

**Revised Monitoring Well Network for Quarterly Groundwater Monitoring
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana**

Monitoring Well ID	Include / Remove From Network	Justification
MW50(45)	Include	Needs 4 Quarters of Sampling
MW50(80)	Include	Needs 4 Quarters of Sampling
MW50(130)	Include	Needs 4 Quarters of Sampling
MW51(25)	Include	Needs 4 Quarters of Sampling
MW51(70)	Include	Needs 4 Quarters of Sampling
MW51(117)	Include	Needs 4 Quarters of Sampling
MW52(55)	Include	Needs 4 Quarters of Sampling
MW52(148)	Include	Needs 4 Quarters of Sampling
MW53(41)	Include	Needs 4 Quarters of Sampling
MW55(49)	Include	Needs 4 Quarters of Sampling
MW56(51)	Include	Needs 4 Quarters of Sampling
MW57(38)	Include	Needs 4 Quarters of Sampling
MW59(29)	Include	Needs 4 Quarters of Sampling
MW59(46)	Include	Needs 4 Quarters of Sampling
MW60(38)	Include	Needs 4 Quarters of Sampling
MW61(26)	Include	Needs 4 Quarters of Sampling
MW62(36)	Include	Needs 4 Quarters of Sampling
MW65(32)	Include	Needs 4 Quarters of Sampling
MW67(30)	Include	Needs 4 Quarters of Sampling
MW68(32)	Include	Needs 4 Quarters of Sampling
MW71(33)	Include	Needs 4 Quarters of Sampling
MW72(32)	Include	Needs 4 Quarters of Sampling
MW75(32)	Include	Needs 4 Quarters of Sampling
MTR-4377NOHWY31	Include	Sample Until Abandonment

PB: WDG
CB: PJS 

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells and Staff Gages
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation	Depth to Water (ftbtoc)	Ground Water Elevation
MW-1	05/04/09	840.48	36.48	804.00
	05/20/09		36.35	804.13
	08/24/09		36.89	803.59
	11/30/09		37.88	802.60
	04/05/10		38.25	802.23
	08/02/10		37.76	802.72
	12/06/10		39.18	801.30
MW-2	05/04/09	823.13	33.37	789.76
	05/20/09		33.18	789.95
	08/24/09		34.33	788.80
	11/30/09		35.29	787.84
	04/05/10		35.21	787.92
	08/02/10		35.04	788.09
	12/06/10		36.48	786.65
MW-3	05/04/09	805.45	18.82	786.63
	05/20/09		18.75	786.70
	08/24/09		19.25	786.20
	11/30/09		19.91	785.54
	04/05/10		19.81	785.64
	08/02/10		19.71	785.74
	12/06/10		20.88	784.57
MW-4	05/04/09	808.42	19.96	788.46
	05/20/09		19.98	788.44
	08/24/09		20.95	787.47
	11/30/09		21.65	786.77
	04/05/10		21.58	786.84
	08/02/10		21.29	787.13
	12/06/10		23.04	785.38
MW-5	05/04/09	807.89	17.88	790.01
	05/20/09		17.73	790.16
	08/24/09		18.96	788.93
	11/30/09		19.88	788.01
	04/05/10		19.80	788.09
	08/02/10		19.63	788.26
	12/06/10		19.62	788.27
MW-6B	05/04/09	810.49	26.04	784.45
	05/20/09		25.86	784.63
	08/24/09		26.29	784.20
	11/30/09		26.88	783.61
	04/05/10		26.92	783.57
	08/02/10	812.50	26.79	785.71
	12/06/10		25.88	786.62

Table 2 continued
Surveyed Elevation Data and Depth to Water for Monitoring Wells and Staff Gages
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation	Depth to Water (ftbtoc)	Ground Water Elevation
MW-6C	05/04/09	810.42	25.04	785.38
	05/20/09		25.02	785.40
	08/24/09		25.44	784.98
	11/30/09		26.06	784.36
	04/05/10		25.95	784.47
	08/02/10		25.92	785.51
	12/06/10		27.04	784.39
MW-7	05/04/09	888.05	51.26	836.79
	05/20/09		51.03	837.02
	08/24/09		50.81	837.24
	11/30/09		51.76	836.29
	04/05/10		52.73	835.32
	08/02/10		52.00	836.05
	12/06/10		53.03	835.02
MW-8	05/12/09	805.62	17.00	788.62
	05/20/09		16.78	788.84
	08/24/09		17.51	788.11
	11/30/09		18.49	787.13
	04/05/10		18.41	787.21
	08/02/10		18.21	787.41
	12/06/10		19.68	785.94
MW-9A	05/04/09	806.97	22.31	784.66
	05/20/09		22.11	784.86
	08/24/09		22.66	784.31
	11/30/09		23.33	783.64
	04/05/10		24.37	783.69
	08/02/10		24.23	783.83
	12/06/10		25.45	782.61
MW-9B	05/04/09	807.19	20.79	786.40
	05/20/09		20.78	786.41
	08/24/09		21.22	785.97
	11/30/09		21.85	785.34
	04/05/10		22.61	785.46
	08/02/10		22.58	785.49
	12/06/10		23.71	784.36
MW-9C	05/04/09	807.33	20.91	786.42
	05/20/09		20.92	786.41
	08/24/09		21.36	785.97
	11/30/09		22.98	784.35
	04/05/10		22.70	785.46
	08/02/10		22.66	785.50
	12/06/10		23.80	784.36
MW-10A	05/04/09	808.66	21.14	787.52
	05/20/09		20.78	787.88
	08/24/09		21.15	787.51
	11/30/09		21.71	786.95
	04/05/10		21.87	786.79
	08/02/10		21.71	786.95
	12/06/10		22.70	785.96

Table 2 continued
Surveyed Elevation Data and Depth to Water for Monitoring Wells and Staff Gages
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation	Depth to Water (ftbtoc)	Ground Water Elevation
MW-10B	05/04/09	810.43	22.98	787.45
	05/20/09		22.81	787.62
	08/24/09		23.18	787.25
	11/30/09		23.79	786.64
	04/05/10		23.90	786.53
	08/02/10		23.72	786.71
	12/06/10		24.78	785.65
MW-10C	05/04/09	810.87	23.06	787.81
	05/20/09		22.94	787.93
	08/24/09		23.67	787.20
	11/30/09		24.42	786.45
	04/05/10		24.36	786.51
	08/02/10		24.26	786.61
	12/06/10		25.58	785.29
MW-11	05/04/09	809.41	23.15	786.26
	05/20/09		23.05	786.36
	08/24/09		23.58	785.83
	11/30/09		24.15	785.26
	04/05/10		24.02	785.39
	08/02/10		24.00	785.41
	12/06/10		NM	NM
MW-12	05/04/09	808.46	22.16	786.30
	05/20/09		22.09	786.37
	08/24/09		22.58	785.88
	11/30/09		23.18	785.28
	04/05/10		23.05	785.41
	08/02/10		23.05	785.41
	12/06/10		NM	NM
MW-13	05/04/09	806.70	20.50	786.20
	05/20/09		20.41	786.29
	08/24/09		20.90	785.80
	11/30/09		21.47	785.23
	04/05/10		21.34	785.36
	08/02/10		21.35	785.35
	12/06/10		NM	NM
MW-14	05/04/09	802.70	16.78	785.92
	05/20/09		16.75	785.95
	08/24/09		17.08	785.62
	11/30/09		17.68	785.02
	04/05/10		17.52	785.18
	08/02/10		17.57	785.13
	12/06/10		18.58	784.12
MW-15	05/04/09	792.90	8.00	784.90
	05/20/09		7.97	784.93
	08/24/09		8.19	784.71
	11/30/09		8.75	784.15
	04/05/10		8.58	784.32
	08/02/10		8.67	784.23
	12/06/10		9.56	783.34

Table 2 continued
Surveyed Elevation Data and Depth to Water for Monitoring Wells and Staff Gages
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation	Depth to Water (ftbtoc)	Ground Water Elevation
MW-16	05/04/09	791.18	8.11	783.07
	05/20/09		8.14	783.04
	08/24/09		8.32	782.86
	11/30/09		8.77	782.41
	04/05/10		8.57	782.61
	08/02/10		8.69	782.49
	12/06/10		9.58	781.60
MW-17	05/04/09	784.41	ATOC ⁽¹⁾	Unknown
	05/20/09		1.75	782.66
	08/24/09		1.93	782.48
	11/30/09		2.39	782.02
	04/05/10		2.22	782.19
	08/02/10		2.27	782.14
	12/06/10		3.28	781.13
MW-18(38.6)	05/04/09	826.66	36.72	789.94
	05/20/09		36.51	790.15
	08/24/09		37.72	788.94
	11/30/09		38.67	787.99
	04/05/10		38.60	788.06
	08/02/10		38.44	788.22
	12/06/10		40.02	786.64
MW-18(63)	05/04/09	826.63	38.68	787.95
	05/20/09		38.27	788.36
	08/24/09		38.65	787.98
	11/30/09		39.20	787.43
	04/05/10		39.32	787.31
	08/02/10		39.21	787.42
	12/06/10		40.14	786.49
MW-18(164)	05/04/09	826.50	39.92	786.58
	05/20/09		39.51	786.99
	08/24/09		40.11	786.39
	11/30/09		40.51	785.99
	04/05/10		40.54	785.96
	08/02/10		40.36	786.14
	12/06/10		41.38	785.12
MW-19(33)	05/04/09	809.53	23.08	786.45
	05/20/09		23.06	786.47
	08/24/09		23.48	786.05
	11/30/09		24.10	785.43
	04/05/10		23.98	785.55
	08/02/10		24.01	785.52
	12/06/10		25.11	784.42
MW-19(53)	05/04/09	809.56	23.10	786.46
	05/20/09		23.08	786.48
	08/24/09		23.49	786.07
	11/30/09		24.11	785.45
	04/05/10		24.00	785.56
	08/02/10		24.02	785.54
	12/06/10		25.02	784.54

Table 2 continued
Surveyed Elevation Data and Depth to Water for Monitoring Wells and Staff Gages
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation	Depth to Water (ftbtoc)	Ground Water Elevation
MW-19(118)	05/04/09	809.56	22.95	786.61
	05/20/09		22.76	786.80
	08/24/09		23.21	786.35
	11/30/09		23.76	785.80
	04/05/10		23.84	785.72
	08/02/10		23.74	785.82
	12/06/10		24.81	784.75
MW-20(35)	05/04/09	810.42	24.03	786.39
	05/20/09		24.02	786.40
	08/24/09		24.43	785.99
	11/30/09		25.04	785.38
	04/05/10		24.92	785.50
	08/02/10		24.92	785.50
	12/06/10		26.02	784.40
MW-20(51)	05/04/09	810.41	24.03	786.38
	05/20/09		24.02	786.39
	08/24/09		24.41	786.00
	11/30/09		25.03	785.38
	04/05/10		24.91	785.50
	08/02/10		24.62	785.79
	12/06/10		26.08	784.33
MW-20(124)	05/04/09	810.45	25.43	785.02
	05/20/09		25.27	785.18
	08/24/09		25.83	784.62
	11/30/09		26.44	784.01
	04/05/10		26.41	784.04
	08/02/10		26.31	784.14
	12/06/10		27.46	782.99
MW-20(155)	05/04/09	810.44	25.20	785.24
	05/20/09		25.02	785.42
	08/24/09		25.54	784.90
	11/30/09		26.09	784.35
	04/05/10		26.15	784.29
	08/02/10		26.04	784.40
	12/06/10		27.19	783.25
MW-21(40.2)	05/04/09	810.33	24.11	786.22
	05/20/09		24.12	786.21
	08/24/09		24.58	785.75
	11/30/09		25.19	785.14
	04/05/10		25.07	785.26
	08/02/10		25.02	785.31
	12/06/10		26.18	784.15
MW-21(128)	05/04/09	810.30	25.79	784.51
	05/20/09		25.67	784.63
	08/24/09		26.20	784.10
	11/30/09		26.85	783.45
	04/05/10		26.76	783.54
	08/02/10		26.61	783.69
	12/06/10		29.91	780.39

Table 2 continued
Surveyed Elevation Data and Depth to Water for Monitoring Wells and Staff Gages
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation	Depth to Water (ftbtoc)	Ground Water Elevation
MW-21(155.3)	05/04/09	810.35	25.74	784.61
	05/20/09		25.58	784.77
	08/24/09		26.13	784.22
	11/30/09		26.78	783.57
	04/05/10		26.71	783.64
	08/02/10		26.54	783.81
	12/06/10		27.81	782.54
MW-22(37)	05/04/09	803.92	18.86	785.06
	05/20/09		18.69	785.23
	08/24/09		19.21	784.71
	11/30/09		19.82	784.10
	04/05/10		19.85	784.07
	08/02/10		19.76	784.16
	12/06/10		20.93	782.99
MW-22(67.7)	05/04/09	803.94	18.88	785.06
	05/20/09		18.72	785.22
	08/24/09		19.27	784.67
	11/30/09		19.86	784.08
	04/05/10		19.87	784.07
	08/02/10		19.81	784.13
	12/06/10		20.98	782.96
MW-22(130.7)	05/04/09	803.95	19.01	784.94
	05/20/09		18.84	785.11
	08/24/09		19.33	784.62
	11/30/09		19.92	784.03
	04/05/10		19.95	784.00
	08/02/10		19.86	784.09
	12/06/10		22.98	780.97
MW-23(39.9)	05/04/09	816.67	29.89	786.78
	05/20/09		29.78	786.89
	08/24/09		30.34	786.33
	11/30/09		30.97	785.70
	04/05/10		30.88	785.79
	08/02/10		30.92	785.75
	12/06/10		31.98	784.69
MW-23(105.6)	05/04/09	816.65	29.62	787.03
	05/20/09		29.52	787.13
	08/24/09		30.13	786.52
	11/30/09		30.79	785.86
	04/05/10		30.69	785.96
	08/02/10		30.69	785.96
	12/06/10		31.83	784.82
MW-23(122.7)	05/04/09	816.69	29.46	787.23
	05/20/09		40.46	776.23
	08/24/09		30.20	786.49
	11/30/09		30.79	785.90
	04/05/10		38.59	778.10
	08/02/10		36.98	779.71
	12/06/10		33.19	783.50

Table 2 continued
Surveyed Elevation Data and Depth to Water for Monitoring Wells and Staff Gages
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation	Depth to Water (ftbtoc)	Ground Water Elevation
MW-24(24.9)	05/04/09	804.92	19.06	785.86
	05/20/09		19.04	785.88
	08/24/09		19.36	785.56
	11/30/09		19.95	784.97
	04/05/10		19.79	785.13
	08/02/10		19.88	785.04
	12/06/10		20.86	784.06
MW-24(55.4)	05/04/09	804.94	19.04	785.90
	05/20/09		19.01	785.93
	08/24/09		19.32	785.62
	11/30/09		19.92	785.02
	04/05/10		19.77	785.17
	08/02/10		19.86	785.08
	12/06/10		20.91	784.03
MW-24(122.6)	05/04/09	804.93	20.21	784.72
	05/20/09		20.00	784.93
	08/24/09		20.53	784.40
	11/30/09		21.32	783.61
	04/05/10		21.12	783.81
	08/02/10		20.98	783.95
	12/06/10		23.26	781.67
MW-24(159.4)	05/04/09	804.93	20.05	784.88
	05/20/09		19.82	785.11
	08/24/09		20.41	784.52
	11/30/09		21.27	783.66
	04/05/10		21.02	783.91
	08/02/10		20.81	784.12
	12/06/10		22.09	782.84
MW-25(16.4)	05/04/09	791.93	6.70	785.23
	05/20/09		6.66	785.27
	08/24/09		6.91	785.02
	11/30/09		7.47	784.46
	04/05/10		7.27	784.66
	08/02/10		7.39	784.54
	12/06/10		8.29	783.64
MW-25(32.6)	05/04/09	791.92	6.68	785.24
	05/20/09		6.65	785.27
	08/24/09		6.89	785.03
	11/30/09		7.47	784.45
	04/05/10		7.28	784.64
	08/02/10		7.36	784.56
	12/06/10		8.33	783.59
MW-25(45.2)	05/04/09	791.91	7.02	784.89
	05/20/09		6.99	784.92
	08/24/09		7.21	784.70
	11/30/09		7.78	784.13
	04/05/10		7.59	784.32
	08/02/10		7.71	784.20
	12/06/10		8.64	783.27

Table 2 continued
Surveyed Elevation Data and Depth to Water for Monitoring Wells and Staff Gages
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation	Depth to Water (ftbtoc)	Ground Water Elevation
MW-25(82)	05/04/09	791.93	7.39	784.54
	05/20/09		7.21	784.72
	08/24/09		7.76	784.17
	11/30/09		8.54	783.39
	04/05/10		8.32	783.61
	08/02/10		8.19	783.74
	12/06/10		9.44	782.49
MW-25(145)	05/04/09	791.91	7.45	784.46
	05/20/09		7.25	784.66
	08/24/09		7.81	784.10
	11/30/09		8.58	783.33
	04/05/10		8.39	783.52
	08/02/10		8.25	783.66
	12/06/10		9.54	782.37
MW-26(17.5)	05/04/09	792.16	9.25	782.91
	05/20/09		9.23	782.93
	08/24/09		9.46	782.70
	11/30/09		9.87	782.29
	04/05/10		9.67	782.49
	08/02/10		9.78	782.38
	12/06/10		10.65	781.51
MW-26(28.8)	05/04/09	792.14	9.11	783.03
	05/20/09		9.09	783.05
	08/24/09		9.32	782.82
	11/30/09		9.77	782.37
	04/05/10		9.58	782.56
	08/02/10		9.68	782.46
	12/06/10		10.56	781.58
MW-26(58.2)	05/04/09	792.17	8.52	783.65
	05/20/09		8.51	783.66
	08/24/09		8.73	783.44
	11/30/09		9.24	782.93
	04/05/10		9.04	783.13
	08/02/10		6.12	786.05
	12/06/10		10.06	782.11
MW-26(114.8)	05/04/09	792.15	7.85	784.30
	05/20/09		7.67	784.48
	08/24/09		8.23	783.92
	11/30/09		8.98	783.17
	04/05/10		8.81	783.34
	08/02/10		5.67	786.48
	12/06/10		9.97	782.18
MW-26(143.6)	05/04/09	792.17	7.90	784.27
	05/20/09		7.68	784.49
	08/24/09		8.24	783.93
	11/30/09		8.99	783.18
	04/05/10		8.82	783.35
	08/02/10		5.69	786.48
	12/06/10		9.97	782.20

Table 2 continued
Surveyed Elevation Data and Depth to Water for Monitoring Wells and Staff Gages
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation	Depth to Water (ftbtoc)	Ground Water Elevation
MW-27(18)	05/04/09	785.82	3.30	782.52
	05/20/09		3.24	782.58
	08/24/09		3.39	782.43
	11/30/09		3.75	782.07
	04/05/10		3.57	782.25
	08/02/10		2.67	783.15
	12/06/10		4.55	781.27
MW-27(53.05)	05/04/09	785.84	2.21	783.63
	05/20/09		2.21	783.63
	08/24/09		2.38	783.46
	11/30/09		2.87	782.97
	04/05/10		2.69	783.15
	08/02/10		2.77	783.07
	12/06/10		3.69	782.15
MW-27(75.4)	05/04/09	785.88	2.09	783.79
	05/20/09		2.07	783.81
	08/24/09		2.25	783.63
	11/30/09		2.77	783.11
	04/05/10		2.59	783.29
	08/02/10		2.66	783.22
	12/06/10		3.62	782.26
MW-27(104.2)	05/04/09	785.84	1.55	784.29
	05/20/09		1.29	784.55
	08/24/09		1.88	783.96
	11/30/09		2.61	783.23
	04/05/10		2.49	783.35
	08/02/10		2.33	783.51
	12/06/10		3.62	782.22
MW-27(135)	05/04/09	785.85	1.55	784.30
	05/20/09		1.29	784.56
	08/24/09		1.88	783.97
	11/30/09		2.61	783.24
	04/05/10		2.49	783.36
	08/02/10		2.34	783.51
	12/06/10		3.62	782.23
MW-28(24.3)	05/04/09	790.47	5.80	784.67
	05/20/09		8.73	781.74
	08/24/09		9.04	781.43
	11/30/09		9.57	780.90
	04/05/10		9.42	781.05
	08/02/10		6.39	784.08
	12/06/10		10.71	779.76
MW-28(53.2)	05/04/09	790.58	8.49	782.09
	05/20/09		8.45	782.13
	08/24/09		5.79	784.79
	11/30/09		9.31	781.27
	04/05/10		9.16	781.42
	08/02/10		9.13	781.45
	12/06/10		10.36	780.22

Table 2 continued
Surveyed Elevation Data and Depth to Water for Monitoring Wells and Staff Gages
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation	Depth to Water (ftbtoc)	Ground Water Elevation
MW-28(117.7)	05/04/09	790.57	4.47	786.10
	05/20/09		4.41	786.16
	08/24/09		4.95	785.62
	11/30/09		5.48	785.09
	04/05/10		5.35	785.22
	08/02/10		5.38	785.19
	12/06/10		6.43	784.14
MW-28(138.1)	05/04/09	790.59	7.31	783.28
	05/20/09		7.02	783.57
	08/24/09		8.97	781.62
	11/30/09		8.56	782.03
	04/05/10		8.45	782.14
	08/02/10		8.41	782.18
	12/06/10		9.81	780.78
MW-29(82.5)	05/04/09	801.45	22.50	778.95
	05/20/09		22.41	779.04
	08/24/09		22.72	778.73
	11/30/09		23.88	777.57
	04/05/10		23.79	777.66
	08/02/10		23.59	777.86
	12/06/10		25.59	775.86
MW-29(103.3)	05/04/09	801.45	25.11	776.34
	05/20/09		24.95	776.50
	08/24/09		25.69	775.76
	11/30/09		26.53	774.92
	04/05/10		26.43	775.02
	08/02/10		26.33	775.12
	12/06/10		28.09	773.36
MW-29(132.8)	05/04/09	801.47	25.12	776.35
	05/20/09		24.95	776.52
	08/24/09		25.69	775.78
	11/30/09		26.53	774.94
	04/05/10		26.34	775.13
	08/02/10		26.33	775.14
	12/06/10		28.09	773.38
MW-30(41.1)	05/04/09	794.57	16.97	777.60
	05/20/09		16.97	777.60
	08/24/09		17.72	776.85
	11/30/09		18.57	776.00
	04/05/10		18.21	776.36
	08/02/10		18.11	776.46
	12/06/10		20.28	774.29
MW-30(120.2)	05/04/09	794.57	10.52	784.05
	05/20/09		10.34	784.23
	08/24/09		10.89	783.68
	11/30/09		11.54	783.03
	04/05/10		11.46	783.11
	08/02/10		11.31	783.26
	12/06/10		12.57	782.00

Table 2 continued
Surveyed Elevation Data and Depth to Water for Monitoring Wells and Staff Gages
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation	Depth to Water (ftbtoc)	Ground Water Elevation
MW-30(148)	05/04/09	794.58	31.55	763.03
	05/20/09		31.28	763.30
	08/24/09		32.87	761.71
	11/30/09		32.71	761.87
	04/05/10		32.45	762.13
	08/02/10		33.11	761.47
	12/06/10		33.72	760.86
MW-31(30.9)	05/04/09	781.48	6.40	775.08
	05/20/09		6.19	775.29
	08/24/09		6.55	774.93
	11/30/09		7.83	773.65
	04/05/10		7.48	774.00
	08/02/10		7.41	774.07
	12/06/10		9.65	771.83
MW-31(55.5)	05/04/09	781.47	6.78	774.69
	05/20/09		6.58	774.89
	08/24/09		6.96	774.51
	11/30/09		8.19	773.28
	04/05/10		7.90	773.57
	08/02/10		7.86	773.61
	12/06/10		9.98	771.49
MW-31(98.5)	05/04/09	781.46	13.61	767.85
	05/20/09		13.32	768.14
	08/24/09		14.93	766.53
	11/30/09		14.69	766.77
	04/05/10		14.42	767.04
	08/02/10		15.02	766.44
	12/06/10		15.80	765.66
MW-31(139.2)	05/04/09	781.48	19.21	762.27
	05/20/09		18.89	762.59
	08/24/09		20.57	760.91
	11/30/09		20.44	761.04
	04/05/10		20.29	761.19
	08/02/10		21.01	760.47
	12/06/10		21.55	759.93
MW-32(24.1)	05/04/09	787.80	18.34	769.46
	05/20/09		18.30	769.50
	09/03/09		19.47	768.33
	11/30/09		20.04	767.76
	04/05/10		19.49	768.31
	08/02/10		19.71	768.09
	12/06/10		21.28	766.52
MW-32(89)	05/04/09	787.85	33.49	754.36
	05/20/09		33.16	754.69
	09/03/09		34.76	753.09
	11/30/09		34.64	753.21
	04/05/10		34.25	753.60
	08/02/10		34.74	753.11
	12/06/10		35.36	752.49

Table 2 continued
Surveyed Elevation Data and Depth to Water for Monitoring Wells and Staff Gages
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation	Depth to Water (ftbtoc)	Ground Water Elevation
MW-32(110)	05/04/09	787.82	32.92	754.90
	05/20/09		33.14	754.68
	09/03/09		34.75	753.07
	11/30/09		34.64	753.18
	04/05/10		34.34	753.48
	08/02/10		34.74	753.08
	12/06/10		35.34	752.48
MW-33(23.1)	05/04/09	795.11	7.91	787.20
	05/20/09		7.94	787.17
	08/24/09		9.73	785.38
	11/30/09		10.52	784.59
	04/05/10		9.69	785.42
	08/02/10		9.84	785.27
	12/06/10		11.58	783.53
MW-33(70.9)	05/04/09	795.09	40.99	754.10
	05/20/09		40.69	754.40
	08/24/09		42.14	752.95
	11/30/09		42.15	752.94
	04/05/10		41.77	753.32
	08/02/10		42.27	752.82
	12/06/10		42.89	752.20
MW-33(129.1)	05/04/09	794.95	40.99	753.96
	05/20/09		40.56	754.39
	08/24/09		41.82	753.13
	11/30/09		42.02	752.93
	04/05/10		41.64	753.31
	08/02/10		42.16	752.79
	12/06/10		43.79	751.16
MW-33(208.9)	05/04/09	794.93	36.80	758.13
	05/20/09		36.52	758.41
	08/24/09		37.97	756.96
	11/30/09		37.89	757.04
	04/05/10		37.52	757.41
	08/02/10		38.02	756.91
	12/06/10		38.64	756.29
MW-34(37)	05/04/09	777.60	23.45	754.15
	05/20/09		23.11	754.49
	09/03/09		24.72	752.88
	11/30/09		24.62	752.98
	04/05/10		24.21	753.39
	08/02/10		24.44	753.16
	12/06/10		25.34	752.26
MW-34(85)	05/04/09	777.54	23.42	754.12
	05/20/09		23.10	754.44
	09/03/09		24.74	752.80
	11/30/09		24.62	752.92
	04/05/10		24.21	753.33
	08/02/10		24.71	752.83
	12/06/10		25.30	752.24

Table 2 continued
Surveyed Elevation Data and Depth to Water for Monitoring Wells and Staff Gages
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation	Depth to Water (ftbtoc)	Ground Water Elevation
MW-34(110)	05/04/09	777.58	23.47	754.11
	05/20/09		23.12	754.46
	09/03/09		24.74	752.84
	11/30/09		24.64	752.94
	04/05/10		24.24	753.34
	08/02/10		24.45	753.13
	12/06/10		25.35	752.23
MW-34(135)	05/04/09	777.57	23.44	754.13
	05/20/09		23.10	754.47
	09/03/09		24.72	752.85
	11/30/09		24.61	752.96
	04/05/10		24.21	753.36
	08/02/10		24.41	753.16
	12/06/10		25.32	752.25
MW-35(45)	05/04/09	781.38	27.43	753.95
	05/20/09		27.09	754.29
	08/24/09		28.60	752.78
	11/30/09		28.61	752.77
	04/05/10		28.21	753.17
	08/02/10		28.71	752.67
	12/06/10		29.32	752.06
MW-35(90)	05/04/09	781.37	27.42	753.95
	05/20/09		27.09	754.28
	08/24/09		28.58	752.79
	11/30/09		28.61	752.76
	04/05/10		28.21	753.16
	08/02/10		28.71	752.66
	12/06/10		29.28	752.09
MW-35(148)	05/04/09	781.34	27.40	753.94
	05/20/09		27.06	754.28
	08/24/09		28.50	752.84
	11/30/09		28.56	752.78
	04/05/10		28.16	753.18
	08/02/10		28.68	752.66
	12/06/10		29.29	752.05
MW-36(35.2)	05/04/09	770.03	16.30	753.73
	05/20/09		15.95	754.08
	08/24/09		17.42	752.61
	11/30/09		17.44	752.59
	04/05/10		17.05	752.98
	08/02/10		17.53	752.50
	12/06/10		18.20	751.83
MW-36(92.4)	05/04/09	770.06	16.30	753.76
	05/20/09		15.96	754.10
	08/24/09		17.42	752.64
	11/30/09		17.46	752.60
	04/05/10		17.10	752.96
	08/02/10		17.60	752.46
	12/06/10		18.20	751.86

Table 2 continued
Surveyed Elevation Data and Depth to Water for Monitoring Wells and Staff Gages
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation	Depth to Water (ftbtoc)	Ground Water Elevation
MW-36(124.5)	05/04/09	770.09	16.31	753.78
	05/20/09		15.94	754.15
	08/24/09		17.42	752.67
	11/30/09		17.48	752.61
	04/05/10		17.09	753.00
	08/02/10		17.59	752.50
	12/06/10		18.20	751.89
MW-37(23.3)	05/04/09	757.91	9.23	748.68
	05/20/09		8.56	749.35
	08/24/09		9.57	748.34
	11/30/09		9.53	748.38
	04/05/10		9.39	748.52
	08/02/10		9.82	748.09
	12/06/10		9.76	748.15
MW-37(70)	05/04/09	758.02	5.89	752.13
	05/20/09		5.27	752.75
	08/24/09		7.09	750.93
	11/30/09		7.35	750.67
	04/05/10		6.81	751.21
	08/02/10		7.46	750.56
	12/06/10		7.98	750.04
MW-37(98)	05/04/09	758.04	5.90	752.14
	05/20/09		5.27	752.77
	08/24/09		7.09	750.95
	11/30/09		7.35	750.69
	04/05/10		6.81	751.23
	08/02/10		7.45	750.59
	12/06/10		7.99	750.05
MW-38(20.8)	05/04/09	758.49	6.27	752.22
	05/20/09		5.84	752.65
	08/24/09		7.19	751.30
	12/01/09		7.18	751.31
	04/05/10		6.83	751.66
	08/02/10		7.34	751.15
	12/06/10		7.74	750.75
MW-38(29.1)	05/04/09	758.49	6.27	752.22
	05/20/09		5.83	752.66
	08/24/09		7.18	751.31
	12/01/09		7.18	751.31
	04/05/10		6.83	751.66
	08/02/10		7.34	751.15
	12/06/10		7.73	750.76
MW-38(69.9)	05/04/09	758.48	5.42	753.06
	05/20/09		4.97	753.51
	08/24/09		6.55	751.93
	12/01/09		6.70	751.78
	04/05/10		6.24	752.24
	08/02/10		6.78	751.70
	12/06/10		7.36	751.12

Table 2 continued
Surveyed Elevation Data and Depth to Water for Monitoring Wells and Staff Gages
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation	Depth to Water (ftbtoc)	Ground Water Elevation
MW-38(102.5)	05/04/09	758.50	5.45	753.05
	05/20/09		4.97	753.53
	08/24/09		6.55	751.95
	12/01/09		6.73	751.77
	04/05/10		6.24	752.26
	08/02/10		6.79	751.71
	12/06/10		7.37	751.13
MW-39(13)	05/04/09	754.88	3.68	751.20
	05/20/09		3.24	751.64
	08/24/09		4.29	750.59
	11/30/09		4.22	750.66
	04/05/10		3.99	750.89
	08/02/10		4.46	750.42
	12/06/10		4.66	750.22
MW-39(29.3)	05/04/09	754.91	3.26	751.65
	05/20/09		2.81	752.10
	08/24/09		4.04	750.87
	11/30/09		4.03	750.88
	04/05/10		3.43	751.48
	08/02/10		4.22	750.69
	12/06/10		4.54	750.37
MW-39(76.8)	05/04/09	754.87	2.58	752.29
	05/20/09		1.98	752.89
	08/24/09		3.73	751.14
	11/30/09		3.98	750.89
	04/05/10		3.73	751.14
	08/02/10		4.08	750.79
	12/06/10		4.62	750.25
MW-40 (198.8)	05/04/09	826.19	39.86	786.33
	05/20/09		39.49	786.70
	08/24/09		40.12	786.07
	11/30/09		40.64	785.55
	04/05/10		40.66	785.53
	08/02/10		40.48	785.71
	12/06/10		41.61	784.58
MW-41 (190)	05/04/09	810.44	24.68	785.76
	05/20/09		24.52	785.92
	08/24/09		26.31	784.13
	11/30/09		26.82	783.62
	04/05/10		26.63	783.56
	08/02/10		26.42	783.77
	12/06/10		27.98	782.21
MW-42 (175.3)	05/04/09	793.89	18.40	775.49
	05/20/09		7.80	786.09
	08/24/09		8.45	785.44
	11/30/09		11.55	782.34
	04/05/10		9.04	784.85
	08/02/10		5.56	788.33
	12/06/10		10.02	783.87

Table 2 continued
Surveyed Elevation Data and Depth to Water for Monitoring Wells and Staff Gages
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation	Depth to Water (ftbtoc)	Ground Water Elevation
MW-43 (190)	05/04/09	809.62	25.89	783.73
	05/20/09		25.75	783.87
	08/24/09		25.16	784.46
	11/30/09		25.80	783.82
	04/05/10		25.76	783.86
	08/02/10		25.60	784.02
	12/06/10		27.01	782.61
MW-44 (185.9)	05/04/09	804.02	20.27	783.75
	05/20/09		20.14	783.88
	08/24/09		20.97	783.05
	11/30/09		21.72	782.30
	04/05/10		21.61	782.41
	08/02/10		21.28	782.74
	12/06/10		22.64	781.38
MW-45 (185)	05/04/09	810.22	25.85	784.37
	05/20/09		25.69	784.53
	08/24/09		26.24	783.98
	11/30/09		26.89	783.33
	04/05/10		26.81	783.41
	08/02/10		26.65	783.57
	12/06/10		28.02	782.20
MW-46 (95.5)	05/04/09	814.41	57.71	756.70
	05/20/09		57.48	756.93
	08/24/09		64.87	749.54
	11/30/09		58.89	755.52
	04/05/10		58.50	755.91
	08/02/10		58.98	755.43
	12/06/10		59.62	754.79
MW-47(109.7)	05/04/09	818.47	35.85	782.62
	05/20/09		35.71	782.76
	08/24/09		36.28	782.19
	11/30/09		36.91	781.56
	04/05/10		36.85	781.62
	08/02/10		36.64	781.83
	12/06/10		37.18	781.29
MW-47(137.8)	05/04/09	818.46	35.79	782.67
	05/20/09		35.65	782.81
	08/24/09		36.22	782.24
	11/30/09		36.84	781.62
	04/05/10		37.79	780.67
	08/02/10		36.55	781.91
	12/06/10		37.78	780.68
MW48(56)	04/05/10	806.85	24.86	781.99
	08/02/10		24.82	782.03
	12/06/10		26.07	780.78
MW48(105)	04/05/10	806.92	26.28	780.64
	08/02/10		26.11	780.81
	12/06/10		27.67	779.25
MW48(129)	04/05/10	806.93	26.27	780.66
	08/02/10		26.14	780.79
	12/06/10		27.69	779.24

Table 2 continued
Surveyed Elevation Data and Depth to Water for Monitoring Wells and Staff Gages
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation	Depth to Water (ftbtoc)	Ground Water Elevation
MW48(159)	04/05/10	806.93	24.77	782.16
	08/02/10		24.76	782.17
	12/06/10		26.18	780.75
MW49(20)	04/05/10	792.30	11.88	780.42
	08/02/10		11.68	780.62
	12/06/10		13.52	778.78
MW49(45)	04/05/10	792.24	8.80	783.44
	08/02/10		5.85	786.39
	12/06/10		10.12	782.12
MW49(95)	04/05/10	792.12	9.31	782.81
	12/06/10		10.12	782.00
MW49(200)	04/05/10	792.26	32.64	759.62
	08/02/10		33.03	759.23
	12/06/10		33.71	758.55
MW50(45)	04/05/10	770.58	6.71	763.87
	08/02/10		7.01	763.57
	12/06/10		8.11	762.47
MW50(80)	04/05/10	770.61	7.72	762.89
	08/02/10		8.04	762.57
	12/06/10		9.06	761.55
MW50(130)	04/05/10	770.56	10.30	760.26
	08/02/10		11.02	759.54
	12/06/10		11.53	759.03
MW51(25)	04/05/10	757.19	3.53	753.66
	08/02/10		3.89	753.30
	12/06/10		4.26	752.93
MW51(70)	04/05/10	757.18	3.53	753.65
	08/02/10		3.89	753.29
	12/06/10		4.27	752.91
MW51(117)	04/05/10	757.19	4.48	752.71
	08/02/10		5.01	752.18
	12/06/10		5.58	751.61
MW52(55)	04/05/10	798.84	13.26	785.58
	08/02/10		13.11	785.73
	12/06/10		14.22	784.62
MW52(148)	04/05/10	798.81	14.51	784.30
	08/02/10		14.36	784.45
	12/06/10		15.54	783.27
MW53(41)	04/05/10	809.87	24.15	785.72
	08/02/10		24.15	785.72
	12/06/10		25.26	784.61
MW55(49)	04/05/10	799.24	12.41	786.83
	08/02/10		12.27	786.97
	12/06/10		13.46	785.78
MW56(50)	04/05/10	797.23	10.67	786.56
	08/02/10		10.56	786.67
	12/06/10		11.88	785.35
MW57(38)	04/05/10	795.51	7.59	787.92
	08/02/10		7.41	788.10
	12/06/10		6.01	789.50

Table 2 continued
Surveyed Elevation Data and Depth to Water for Monitoring Wells and Staff Gages
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation	Depth to Water (ftbtoc)	Ground Water Elevation
MW59(29)	04/05/10	799.57	13.89	785.68
	08/02/10		13.81	785.76
	12/06/10		15.02	784.55
MW59(46)	04/05/10	799.25	13.48	785.77
	08/02/10		13.39	785.86
	12/06/10		14.62	784.63
MW60(38)	04/05/10	798.51	12.59	785.92
	08/02/10		12.51	786.00
	12/06/10		13.72	784.79
MW61(26)	04/05/10	802.27	16.60	785.67
	08/02/10		16.49	785.78
	12/06/10		17.73	784.54
MW62(36)	04/05/10	810.71	25.25	785.46
	08/02/10		25.21	785.50
	12/06/10		26.34	784.37
MW65(32)	04/05/10	809.40	23.87	785.53
	08/02/10		23.85	785.55
	12/06/10		24.98	784.42
MW67(30)	04/05/10	809.53	23.61	785.92
	08/02/10		23.81	785.72
	12/06/10		24.99	784.54
MW68(32)	04/05/10	809.46	23.85	785.61
	08/02/10		23.76	785.70
	12/06/10		24.94	784.52
MW71(33)	04/05/10	809.15	23.55	785.60
	08/02/10		23.44	785.71
	12/06/10		24.61	784.54
MW72(32)	04/05/10	808.92	23.33	785.59
	08/02/10		23.24	785.68
	12/06/10		24.41	784.51
MW75(32)	04/05/10	809.39	23.93	785.46
	08/02/10		23.86	785.53
	12/06/10		25.02	784.37
SG-1	05/20/09	781.79	0.92	779.38
	08/24/09		0.94	779.40
	11/30/09		0.97	779.43
	04/05/10		0.98	779.44
	08/02/10		0.98	779.44
	08/24/09		1.69	784.09
	12/06/10		0.50	782.90
SG-2	05/20/09	785.73	1.00	783.40
	11/30/09		0.94	783.34
	04/05/10		1.20	783.60
	08/02/10		0.85	783.25
	12/06/10		0.80	783.20
SG-3	05/20/09	793.42	1.32	791.41
	08/24/09		1.23	791.32
	11/30/09		0.76	790.85
	04/05/10		0.69	790.78
	08/02/10		1.21	791.30
	12/06/10		0.12	790.21

Table 2 continued
Surveyed Elevation Data and Depth to Water for Monitoring Wells and Staff Gages
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation	Depth to Water (ftbtoc)	Ground Water Elevation
RG-1	08/24/09	764.29	18.91	745.38
	11/30/09		20.97	743.32
	04/05/10		20.35	743.94
	08/02/10		21.60	742.69
	12/06/10		21.51	742.78

MW- Monitoring well

NM - Not measured due to access issues

SG - Staff Gage

ftbtoc - feet below top of casing

RG - Rail Gage. Located on west side of bridge over Tippecanoe River.

⁽¹⁾ ATOC - (Above Top of Casing), Casing was extended on May 13, 2009.

⁽²⁾ Reference Elevation on SG-1, SG-2, and SG-3 is 3.00 feet mark on Staff Gage

⁽³⁾ For Staff Gages (SG-1, SG-2, and SG-3), Depth to Water measurement is observed level of water surface in contact w/ graduated markings on the staff gage

PB: JGS
CB: WDG


W. Danya Glaser
MACTEC Electronic Signature

FIGURES









