

May 30, 2008

Reference No. 17303

Ms. Vicki Katko
Department of Environmental Quality
Remediation and Redevelopment Division
Jackson District Office
301 East Louis Glick Highway
Jackson, Michigan 49201-1556

Dear Ms. Katko:

Re: 2007 Groundwater Monitoring Summary
Company Vehicle Operations Area
Former Willow Run Assembly Plant
Washtenaw County, Michigan

On behalf of ENCORE, a wholly owned subsidiary of General Motors Corporation (GM), Conestoga-Rovers & Associates, Inc. (CRA) is providing this Groundwater Monitoring Summary covering the period between January 2007 and December 2007 for the Company Vehicle Operations (CVO) property located in Ypsilanti, Michigan (Site). Regular groundwater sampling events were conducted to monitor constituent concentrations at the property boundaries and assess the performance of the enhanced bioremediation injections at PAOC 18.

The shallow groundwater at the Site has been impacted with chlorinated and non-chlorinated volatile organic compounds (VOCs). The main constituents of concern (COCs) at the Site are trichloroethylene (TCE), cis-1,2-dichloroethylene (cis-1,2-DCE), and vinyl chloride. Metals and polychlorinated biphenyls (PCBs) have also been detected at the Site and are monitored as part of the routine quarterly sampling schedule.

The Michigan Department of Environmental Quality (MDEQ) granted a *groundwater not in an aquifer determination* for the surficial unit from which groundwater is sampled (letter to Dr. Ken Richards dated September 1, 2004). Accordingly, drinking water criteria are not applicable; however, residential drinking water criteria (RDWC) are used in conjunction with groundwater surface water interface (GSI) criteria to monitor the property boundary concentrations for off-Site migration.

Past Interim Remedial Actions

Six Interim Response Actions (IRAs) have been completed at the Site:

- Groundwater chemical oxidation in two areas between December 2001 and June 2002;
- Soil removal to address light non-aqueous phase liquids (LNAPL) and abandoned conduit in July 2003

- Sheet pile cutoff wall installation to address dense non-aqueous phase liquid impacts to Tyler Pond;
- Active DNAPL recovery from August 2004 to present;
- Soil and drum removal from the subsurface during test pitting activities in June 2005; and
- Enhanced bioremediation of groundwater (soy lactate injections), April 2007 to present.

GROUNDWATER SAMPLING IN 2007

Regular groundwater monitoring was completed on a quarterly basis in 2007. The sampling locations remained similar to the 2006 quarterly locations but also included select wells to monitor the progress of the most recent IRA discussed, soy lactate injections into groundwater near the sheet pile wall. These wells are collectively referred to as natural attenuation wells. The following presents a list of all wells sampled in 2007.

<u>Northern Boundary Wells</u>	<u>Southern Boundary Wells</u>	<u>Interior Wells</u>	<u>Natural Attenuation Wells</u>
GS-3	MW19-01	MW18-07	GS-8
GS-4	MW19-02	MW19-07	MW18-45
GS-5	MW19-03	MW19-12	IW-41
GS-6	MW19-24	MW-6	IW-44
	MW-14	MW-12	IW-45
	MW-4	IW-9	IW-55
	GS-7 (Off-site)	IW-12	
		IW-33	
		IW-46	

- Natural attenuation wells were sampled for an extended parameter list used in assessment of the injections. The parameter list is shown in Table 1.

As discussed in the letter summarizing the 2004 Groundwater Monitoring Summary¹, monitoring well GS-5 is located within the sheet pile wall area and no longer reflects groundwater venting to surface water conditions. This well has been included in the quarterly sampling events but the well is difficult to sample, it freezes during winter months, poses a

¹ Letter to Mr. Peter Masson dated March 18, 2005.

safety hazard (potential for field staff to fall into the pond) because of its proximity to Tyler Pond and exhibits high turbidity values that cannot be stabilized because the well dries out. As a result, groundwater collected from this well does not accurately represent groundwater quality in this area. Therefore, CRA will remove this well from the quarterly sampling routine. Additional wells were added to the quarterly sampling events to assess the results of the enhanced bioremediation south of the sheet piling. Groundwater in the vicinity of monitoring well GS-5 flows past these wells and as such; monitoring wells IW-44 and MW18-45 are used to assess groundwater quality south of the sheet piling in lieu of monitoring well GS-5.

Groundwater VOC concentrations reflecting GSI conditions west of the sheet pile wing wall were assessed by GSI well GS-6. Monitoring well GS-6 is located on the west pond side of the sheet pile wall. As a result of the presence of paint sludge too near monitoring well GS-6, the well was removed on October 25, 2006. The surrounding area, approximately 9 feet by 15 feet, was excavated and backfilled with clean sand to remove paint sludge that contained PCBs. Monitoring well GS-6 was re-installed on November 15, 2006 and sampled in conjunction with the routine wells during the fourth quarterly sampling event in December 2006. Results from December 2006 and subsequent sampling events showed that PCBs were not detected.

To monitor groundwater concentrations at the southern ends of the sheet pile wing walls, MW18-07 and MW18-45 were sampled as a part of the quarterly sampling events. Monitoring well MW18-07 was installed on February 27, 2006 to replace PZ18-131's groundwater quality monitoring function in the vicinity southwest of the sheet pile wing wall. Groundwater samples collected from MW18-07 were analyzed for target compound list (TCL) VOCs, PCBs and Site target analyte list (TAL) metals. Table 2 presents the VOC criteria exceedances throughout the 2007 groundwater monitoring events. Tables 3 to 6 present the remaining results for metals, PCBs, natural attenuation parameters and field data from the Site in 2007.

Enhanced Bioremediation - Soy Lactate Injections

As illustrated on Figure 1, DNAPL has been observed in monitoring wells MW18-01, MW18-02, MW18-03, MW18-04, MW18-05, MW18-08 and MW18-09. This location is considered the source area for chlorinated VOCs; it is thought that chlorinated VOCs present in the DNAPL (TCE, cis-1,2-DCE and vinyl chloride) migrate in groundwater eastward around the east sheet pile wing wall towards Tyler Pond. These constituents have migrated to the GSI compliance point, monitoring well GS-8, in concentrations exceeding the FAV criterion prior to the soy lactate injections.

As a response to the FAV criterion exceedances by TCE and cis-1,2-DCE at monitoring well GS-8, a short-term remedial action was approved by the MDEQ on February 14, 2007 and implemented in April 2007 by CRA. Sixteen injection piezometers were installed as shown in Figure 1 to deliver a solution of soy lactate to the groundwater. The soy lactate solution would

create suitable conditions for reductive dechlorination by soil bacteria; TCE would be converted to cis-1,2-DCE then to vinyl chloride and finally to ethene, a less toxic constituent than its chemical predecessors.

Monitoring wells IW-41, IW-44, IW-45, IW-55, MW18-45 and GS-8 were sampled every quarter to evaluate the soy lactate's effectiveness at stimulating reductive dechlorination. The effectiveness was assessed by evaluating the parameters presented in Table 7 and how the concentrations of TCE, cis-1,2-DCE, vinyl chloride and ethene fluctuated over time. Baseline conditions were evaluated as a part of the first quarterly sampling event conducted in March 2007.

No significant changes in constituent concentrations or parameters listed in Table 7 were observed during the second quarterly event, six weeks after the soy lactate injections (June 2007), at any of the monitoring wells east of the injection piezometers. The first significant changes occurred in the third quarterly sampling event conducted in September 2007.

The oxidation-reduction potential and dissolved oxygen concentration indicated that reducing conditions existed among monitoring wells IW-41 and IW-44. During the second post-injection monitoring event, TCE levels had decreased by 90%, and cis-1,2-DCE levels had also decreased indicating that biodegradation of TCE and its daughter products was occurring in these monitoring wells. Vinyl chloride levels had increased slightly, but ethene levels had also increased suggesting that the biodegradation was not stalling at vinyl chloride but proceeding to ethene, the desirable degradation end product. Monitoring wells further to the east of IW-44 did not as yet exhibit significant effects from the soy lactate injections.

The data from the fourth quarterly sampling event revealed similar results. Concentrations of cis-1,2-DCE continued to increase at monitoring wells IW-44 and affected monitoring well IW-45; concordantly, the concentration of TCE exhibited decreases at these monitoring wells suggesting that reductive dechlorination bacteria are actively consuming TCE. These observations indicate that the soy lactate injections are still showing progress at stimulating reductive dechlorination.

Reductive pathway competitors (dissolved iron and sulfate) were also monitored. Sulfate concentrations remain above optimal concentration but over time its concentration in all wells affected by the injection appears to be decreasing. Dissolved iron concentrations remained at acceptable levels throughout the natural attenuation well network in 2007.

Throughout the course of the year, concentrations of cis-1,2-DCE at monitoring well GS-8 increased reaching a maximum of 120 mg/L during the September 2007 sampling event. As of December 2007 the concentration of cis-1,2-DCE has decreased to 71 mg/L but it remains above the FAV criterion. TCE concentrations at monitoring well GS-8 have shown decreasing trends.

In December 2007 the concentration of TCE decreased to 4.1 mg/L, down from 6.5 mg/L in June 2007 and currently, TCE no longer exceeds the FAV criterion at monitoring well GS-8. Vinyl chloride concentrations at monitoring well GS-8 continue to exceed the RDW and GSI criteria but remain below the FAV criterion.

As of December 3, 2007, 220 days after the injection, monitoring well MW18-45 appears to be exhibiting beneficial effects of the soy lactate injections. TCE concentrations have decreased slightly although cis-1,2-DCE and vinyl chloride concentrations remain stable at 110 mg/L and 17 mg/L, respectively. Ethene has been detected at a low concentration for the first time in all of 2007.

Biochemical oxygen demand (BOD) values at monitoring well GS-8 reached their maximum value of 4 mg/L in June 2007 and have decreased to less than 2 mg/L as of December 2007. Ammonia values at monitoring well GS-8 reached their maximum concentration, 2 mg/L, during the December 2007 sampling event. The dissolved oxygen (DO) reading from the December 2007 event at monitoring well GS-8 was 8.99 mg/L. RRD Operational Memorandum No. 1, Attachment 1, footnote (EE) states that "dissolved oxygen criteria are not applicable if cBOD is less than 10 mg/L and groundwater ammonia is less 2 mg/L". Since $BOD_5 = \text{carbonaceous } BOD_5 + \text{nitrogenous } BOD_5$, the cBOD₅ value at monitoring well GS-8 must be less than 10 mg/L and therefore dissolved oxygen criteria are not applicable. It is expected that BOD₅ levels in groundwater venting to Tyler Pond are not detrimental to aquatic life.

The area east of the injection site has exhibited positive indicators of reductive dechlorination. ORP values and dissolved oxygen concentrations indicate that anaerobic conditions favorable to the reductive dechlorination pathway are present. The concentration of sulfate, a reductive dechlorination competitor, is not optimal but has shown decreases throughout 2007 and is approaching acceptable levels. Constituent concentrations have fluctuated in a manner consistent with reductive dechlorination: there have been decreases in TCE levels coupled with increases in the concentrations of cis-1,2-DCE, vinyl chloride and ethene. The majority of DCE detected at each natural attenuation well consisted of cis-1,2-DCE. Further reductions are expected as soy lactate treated groundwater migrates towards monitoring well GS-8.

General Site Sampling Results Summary

Tables 2 and 3 indicate that during the 2007 sampling events, 21 constituents, fourteen VOCs and seven metals, were detected above the GSI and/or RDW criteria at perimeter locations. The detected VOCs were 1,1-dichloroethene, 1,2,4-trimethylbenzene, 1,3-dichlorobenzene, acetone, chlorobenzene, benzene, ethylbenzene, methylene chloride, toluene, cis-1,2-DCE, trans-1,2-DCE, vinyl chloride, TCE and xylene (total). The detected metals included antimony, arsenic, iron, manganese, mercury, selenium and vanadium. A PCB detection occurred during the September 2007 monitoring event at monitoring well MW-12. This well is located south of

the sheet pile area. The detection was isolated as it was not present in any other event in 2007 and the concentration was at the criterion of 0.002 mg/L.

At the request of the MDEQ, five locations were selected for analysis of 1,4-Dioxane during the first quarterly event in March 2007. The five selected monitoring wells were IW-12, MW-4, MW-12, MW19-02 and MW19-24. 1,4-Dioxane was not detected in any of the sampled locations and as a result, monitoring for this parameter was discontinued in the remaining sampling events in 2007. The locations of the wells are shown on Figure 6.

Four constituents, cis-1,2-DCE, trans-1,2-DCE, vinyl chloride, and benzene, have historically been detected above the generic criteria in the boundary wells and have been reported to the MDEQ using EQP4482 Notice of Migration (NOM) of contamination, pursuant to Part 201 of the National Resources and Environmental Protection Act, 1994 Act 451 as amended. The most recent NOM was filed in January 2008 and contained updated information on the concentrations of iron along the southern property boundary.

GROUNDWATER LEVEL MONITORING

Water levels were collected on a quarterly basis to determine groundwater flow conditions throughout the 2007 calendar year. Figures 3 through 6 present the locations for all the monitoring wells where water levels were gauged. The groundwater flow pattern was also interpreted from these readings for each quarterly event and depicted on Figures 3 through 6.

The figures generally show consistent flow direction at the Site, with a groundwater divide that extends through the center portion of the Site running west to east. Groundwater north of this divide moves towards Tyler Pond to the north, while groundwater south of the divide moves to the south towards Tyler Road.

The figures also show the effects of the sheet pile wall as a barrier to groundwater flow. In the area surrounding the sheet pile wall, groundwater flow is directed around it as is evident by the close contour patterns to the west and east of the sheet pile wall and the higher water level elevation within the sheet pile wall area compared to adjacent areas.

2008 PROPOSED MONITORING

Groundwater monitoring is planned on a quarterly basis for the 2008 calendar year at the Site. The sampling locations and analyses have been altered as shown in Table 8. Monitoring for select wells and constituents has been reduced to semi-annual and annual frequencies. The analysis, sampling frequency, and the sampling locations are subject to change, contingent on

May 30, 2008

7

Reference No. 17303

future sampling results. The sampling schedule for monitoring wells IW-41, IW-44, IW-45, IW55, MW-18-45 and GS-8 has not been altered and will follow the schedule set out by the MDEQ.

If you have any questions, please do not hesitate to contact me at (734) 453-5123.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Frederick W. Blickle, PE

LA/sp/12/Det.

Encl.

c.c.: Ken Richards - ENCORE
Luis Alvarez - CRA

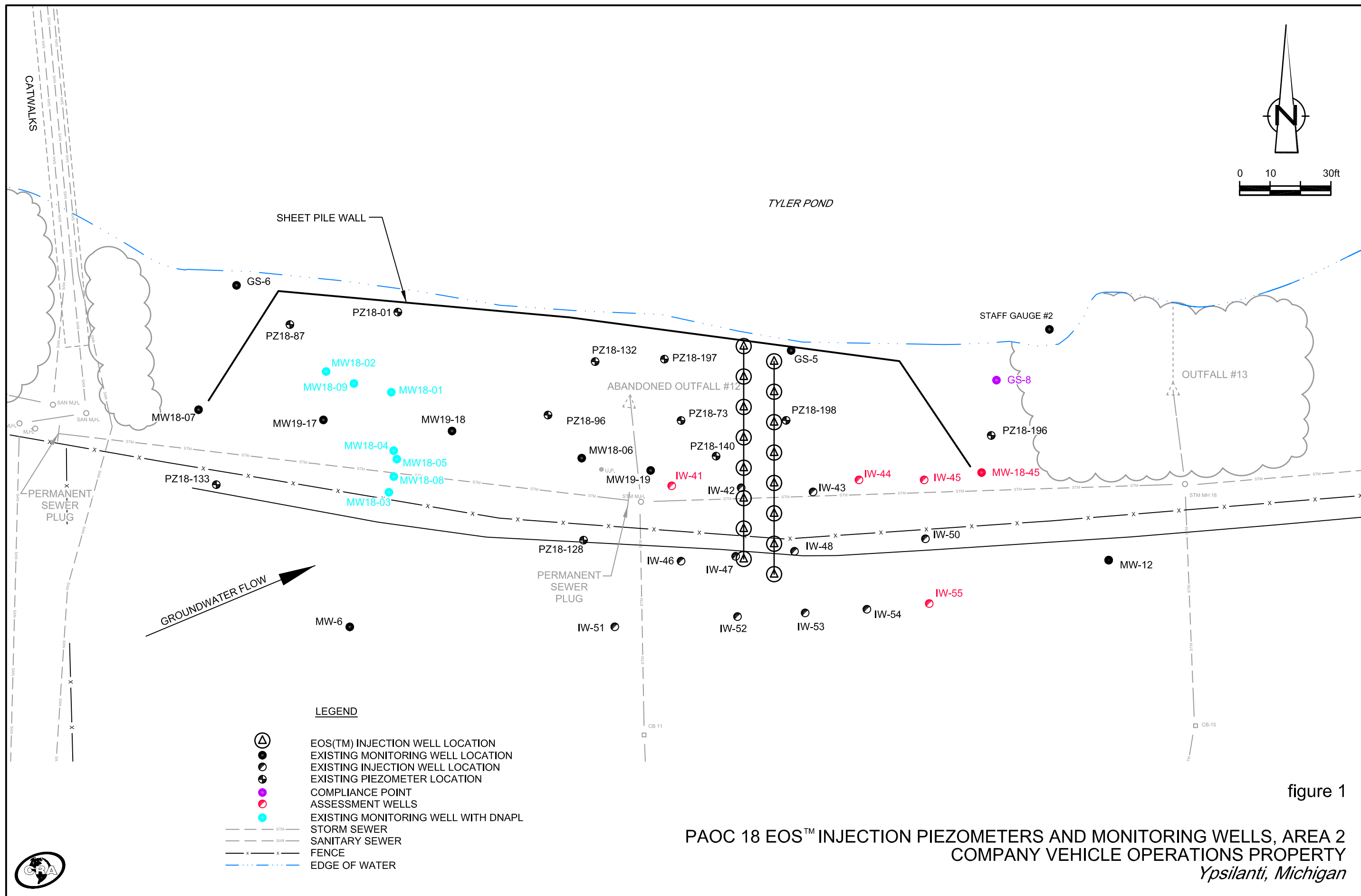
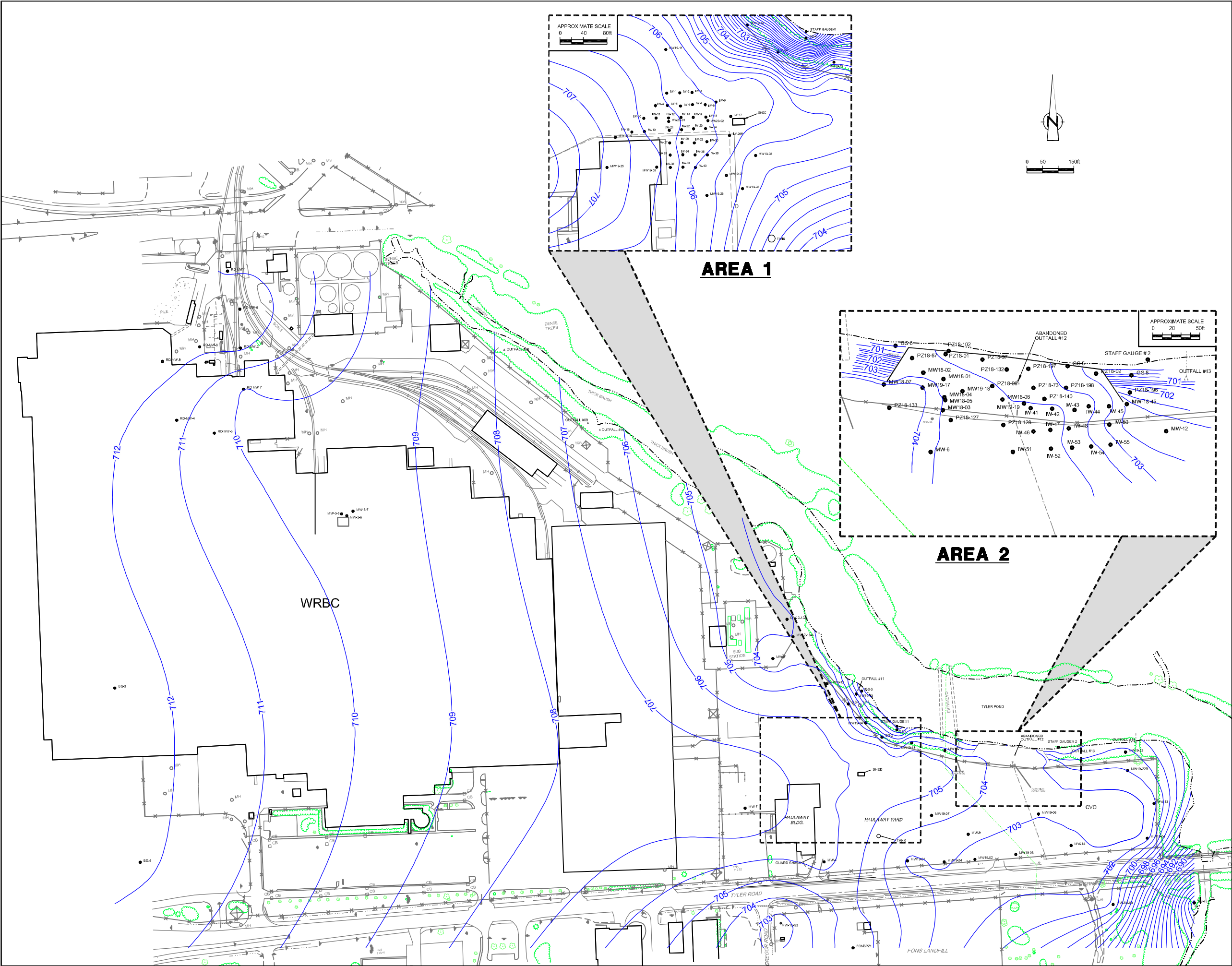


figure 1



17303-08(KATK012)GN-WI006 MAY 13/2008



LEGEND

- DITCH, STREAM OR RIVER
- FENCE LINE (SURVEYED)
- TREE LINE
- FORMER DIESEL FUEL LINE
- SOIL BORINGS(SURVEYED)
- SB1-B1
- MW8
- GS-2
- IW-52
- GP19-03D
- MONITORING WELL LOCATION (NOT SURVEYED)
- GROUNDWATER SURFACE WATER INTERFACE WELL(SURVEYED)
- INJECTION WELL LOCATION (SURVEYED)
- GAS PROBE LOCATIONS
- SANITARY SEWER
- STORM SEWER SHOWN AS PER SITE UTILITIES UNDERGROUND PLAN JOB NO. 200 BMP2078.DWG
- STORM SEWER SHOWN AS PER INVERTS FOUND BY FIELD OBSERVATIONS.
- FORMER SLUDGE LINE
- OVERHEAD ELECTRICAL LINE
- CB15 CATCH BASIN (SURVEYED)
- MH18 MANHOLE (SURVEYED)
- PAVEMENT VARIATION (SURVEYED)
- UTILITY POLE (SURVEYED)
- LOCATION UNKNOWN BEYOND THIS POINT
- PERMANENT SEWER PLUG

PRODUCT ELEVATIONS (AMSL) FT.

LOCATION	ELEVATION (INAPL)	THICKNESS (FT)
IW-40	705.87	0.58
IW-50	702.85	0.28
MW18-06	702.21	0.56
MW19-08	705.32	0.30
MW-3-5	709.82	0.01
MW-3-7	709.65	0.01
MW-3-8	709.49	0.16
PZ18-128	703.42	0.15
PZ18-140	696.32	0.06
PZ18-96	703.53	0.12

GROUNDWATER ELEVATIONS (AMSL) FT.

LOCATION	ELEVATION (INAPL)	THICKNESS (FT)
MW18-01	703.70	0.02
MW18-02	703.69	1.74
MW18-03	703.72	0.15
MW18-04	703.73	0.94
MW18-05	703.88	5.59
MW18-06	703.79	2.59

GROUNDWATER ELEVATIONS (AMSL) FT.

LOCATION	ELEVATION	LOCATION	ELEVATION	LOCATION	ELEVATION
BG-3	712.58	IW-46	NA	MW19-23	701.30
BG-4	712.23	IW-47	703.79	MW19-24	703.10
FONSPZ1	705.80	IW-48	703.46	MW19-25	706.92
GS-1	703.70	IW-5	706.25	MW19-26	705.88
GS-2	703.53	IW-50	702.85	MW19-27	705.72
GS-3	697.35	IW-51	703.64	MW19-28	705.45
GS-4	698.42	IW-52	703.53	MW-1U-93	702.33
GS-5	704.26	IW-53	703.46	MW-2-12-A	704.26
GS-6	700.62	IW-54	703.31	MW-2-13-A	704.04
GS-7	677.94	IW-55	703.08	MW23-01	706.33
GS-8	700.27	IW-6	706.13	MW23-02	706.03
IW-1	706.20	IW-7	706.05	MW-3	705.67
IW-10	706.38	IW-8	706.05	MW-3-6	709.62
IW-11	706.41	IW-9	NA	MW-3-7	709.65
IW-12	NA	MW-12	702.64	MW-3-8	709.49
IW-13	706.18	MW-13	702.43	MW-4	705.94
IW-15	706.01	MW-14	702.57	MW-5	703.22
IW-17	705.91	MW18-01	703.70	MW-6	703.88
IW-18	706.70	MW18-02	703.69	MW-6U-93	701.05
IW-19	706.45	MW18-03	703.72	MW-7	707.99
IW-2	706.14	MW18-04	703.73	MW-8	703.18
IW-20	706.44	MW18-05	703.88	PZ18-01	702.45
IW-21	706.25	MW18-06	702.21	PZ18-02	703.13
IW-22	706.19	MW18-07	704.30	PZ18-102	696.82
IW-23	706.34	MW18-08	703.79	PZ18-127	703.67
IW-24	706.08	MW-18-45	702.54	PZ18-128	703.42
IW-26R	705.90	MW19-01	702.77	PZ18-132	703.28
IW-27	706.36	MW19-02	702.70	PZ18-133	704.68
IW-28	705.97	MW19-03	702.34	PZ18-140	696.32
IW-29	706.12	MW19-04	702.65	PZ18-196	702.07
IW-3	706.07	MW19-05	703.02	PZ18-197	703.43
IW-30	706.10	MW19-07	704.28	PZ18-198	703.21
IW-33	706.42	MW19-08	705.32	PZ18-73	703.51
IW-34	706.23	MW19-09	706.53	PZ18-87	703.18
IW-35	706.15	MW19-10	706.90	PZ18-96	703.53
IW-36	706.07	MW19-11	706.12	PZ18-97	702.21
IW-38	706.42	MW19-12	704.82	RD-MW-1	711.86
IW-39	706.25	MW19-13	700.44	RD-MW-2	712.16
IW-4	706.36	MW19-14	701.93	RD-MW-3	710.26
IW-40	705.67	MW19-15	704.67	RD-MW-4	711.27
IW-41	703.61	MW19-16	704.37	RD-MW-5	712.40
IW-42	703.54	MW19-17	704.07	RD-MW-6	713.07
IW-43	703.42	MW19-18	703.66	RD-MW-7	709.91
IW-44	703.25	MW19-19	703.55	RD-MW-8	712.38
IW-45	703.06	MW19-22R	701.97	S.G. #1	696.47

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

GENERAL MOTORS CORPORATION

COMPANY VEHICLE OPERATIONS

GROUNDWATER CONTOURS

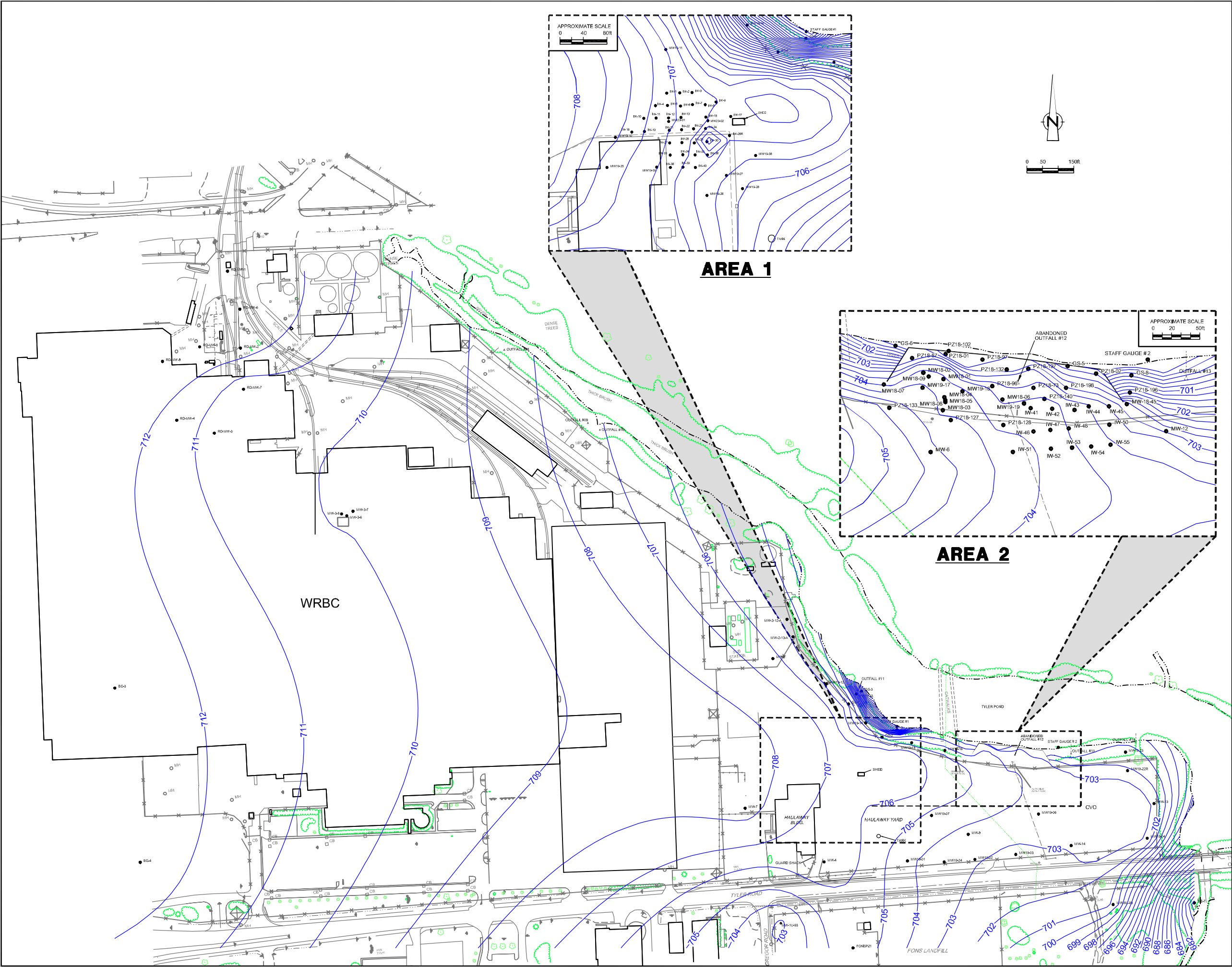
MARCH 7, 2007

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:
F. BLICKLE	L. ALVAREZ	MARCH 2007
Scale:	Project N°:	Report N°:
1" = 150'	17303-08	KATK012
		Drawing N°:
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17303-08/KATK012/GN-WI003 MAY 13/2008



LEGEND

DITCH, STREAM OR RIVER
FENCE LINE (SURVEYED)
TREE LINE
FORMER DIESEL FUEL LINE
SOIL BORINGS(SURVEYED)
SB1-B1
MW8
GS-2
IW-52
GP19-03D
STAFF GAUGE #1
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PRODUCT ELEVATIONS (AMSL) FT.

LOCATION	ELEVATION (UNAPL)	THICKNESS (FT)
IW-40	706.70	0.30
IW-50	703.44	0.12
MW18-06	703.11	0.89
MW-3-8	709.97	0.02
MW-3-7	710.03	0.04
MW-3-8	710.02	0.15
PZ18-128	704.01	0.04
PZ18-96	703.95	0.25

LOCATION	ELEVATION (DNAPL)	THICKNESS (FT)
MW18-02	699.28	1.52
MW18-04	696.06	0.78
MW18-05	696.38	6.3
MW18-08	700.09	6.35
MW18-09	703.32	8.08

GROUNDWATER ELEVATIONS (AMSL) FT.

LOCATION	ELEVATION	LOCATION	ELEVATION	LOCATION	ELEVATION
BG-3	712.83	IW-46	703.98	MW19-19	703.84
BG-4	712.59	IW-47	703.86	MW19-22R	702.41
FONS#PZ1	705.81	IW-48	703.73	MW19-23	701.6
GS-1	704.51	IW-5	707.12	MW19-24	703.51
GS-2	703.71	IW-50	703.32	MW19-25	707.35
GS-3	697.38	IW-51	704.07	MW19-26	706.31
GS-4	698.87	IW-52	703.9	MW19-27	706.3
GS-5	701.89	IW-53	703.78	MW19-28	705.94
GS-6	700.55	IW-54	703.57	MW19-29	702.34
GS-7	678.07	IW-55	703.46	MW19-30	704.7
GS-8	700.4	IW-56	706.94	MW19-31A	704.85
IW-1	707.05	IW-57	706.82	MW19-32	707.02
IW-10	707.29	IW-58	706.85	MW19-33	706.75
IW-11	707.16	IW-59	706.76	MW19-34	706.31
IW-12	707.03	MW-12	703.12	MW19-35	709.95
IW-13	706.96	MW-13	702.81	MW19-36	709.99
IW-15	706.73	MW-14	702.99	MW19-37	709.87
IW-17	706.62	MW18-01	704.04	MW19-38	706.27
IW-18	707.41	MW18-02	704.07	MW19-39	703.65
IW-19	707.22	MW18-03	704.18	MW19-40	704.72
IW-2	706.95	MW18-04	704.16	MW19-41	701.15
IW-20	707.17	MW18-05	704.21	MW19-42	708.43
IW-21	706.96	MW18-06	702.22	PZ18-01	701.38
IW-22	706.9	MW18-07	704.42	PZ18-02	702.32
IW-23	707.02	MW18-08	704.19	PZ18-03	698.88
IW-24	706.73	MW18-09	704.1	PZ18-127	704.34
IW-26R	706.6	MW18-45	702.86	PZ18-128	703.97
IW-27	706.96	MW18-46	705.25	PZ18-132	702.7
IW-28	706.87	MW19-01	704.13	PZ18-133	704.75
IW-29	706.78	MW19-02	703.08	PZ18-136	702.31
IW-3	706.86	MW19-03	702.68	PZ18-137	703.48
IW-30	705.7	MW19-04	703.11	PZ18-138	703.34
IW-33	706.96	MW19-06	703.55	PZ18-139	703.23
IW-34	706.83	MW19-07	704.75	PZ18-140	703.7
IW-35	706.75	MW19-08	706.25	PZ18-141	701.46
IW-36	706.71	MW19-09	706.99	RD-MW-1	713.05
IW-38	706.88	MW19-10	707.54	RD-MW-2	712.54
IW-39	706.79	MW19-11	707.05	RD-MW-3	710.57
IW-4	707.18	MW19-12	704.91	RD-MW-4	711.6
IW-40	706.4	MW19-13	700.55	RD-MW-5	712.88
IW-41	703.95	MW19-14	702	RD-MW-6	713.75
IW-42	703.87	MW19-15	704.99	RD-MW-7	710.36
IW-43	703.68	MW19-16	704.71	RD-MW-8	712.88
IW-44	703.6	MW19-17	704.39	S.G.#1	698.47
IW-45	703.29	MW19-18	704.06	S.G.#2	698.51

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

GENERAL MOTORS CORPORATION

COMPANY VEHICLE OPERATIONS

GROUNDWATER CONTOURS

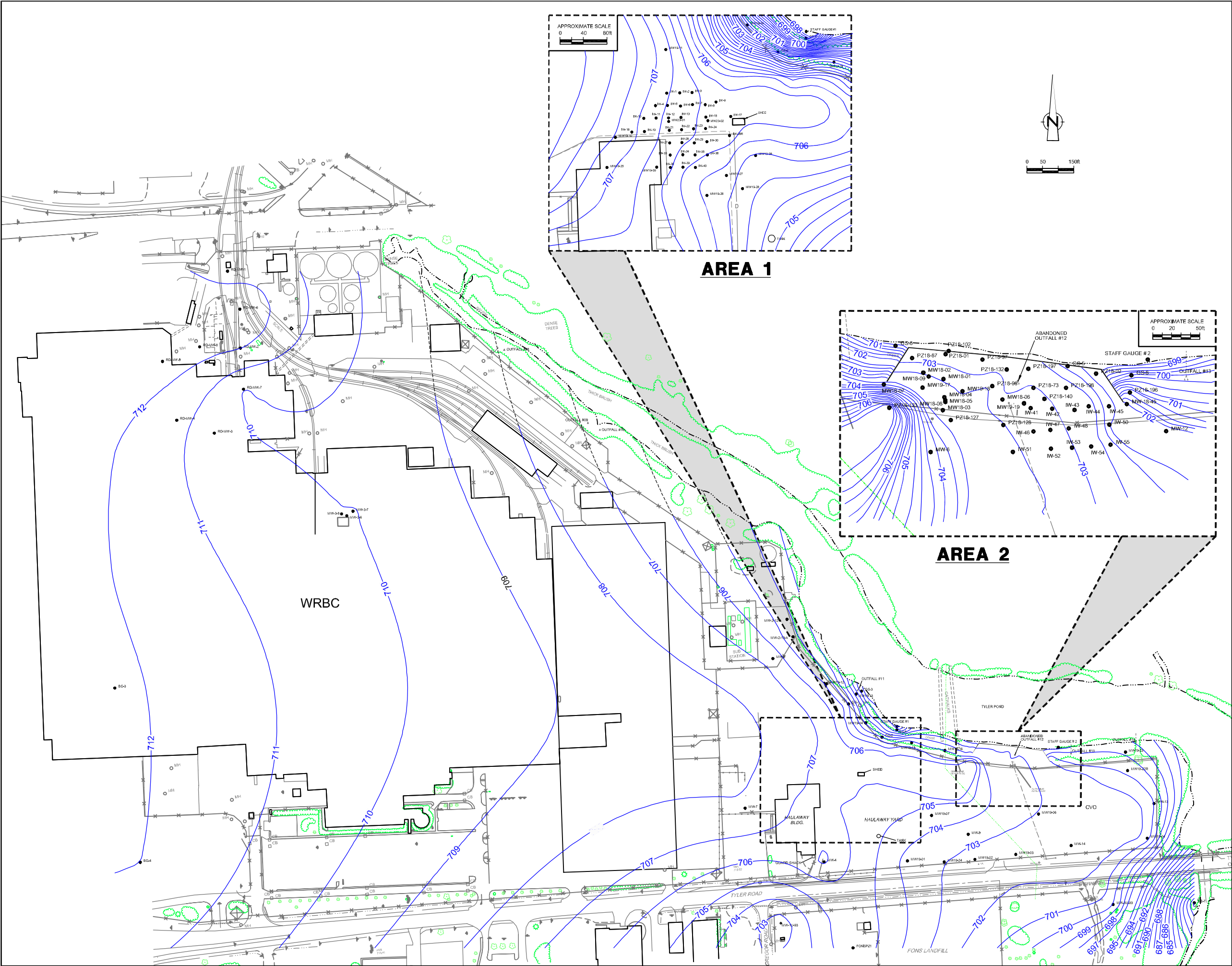
JUNE 4, 2007

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:
F. BLICKLE	L. ALVAREZ	JUNE 2007

Scale:	Project No.:	Report No.:	Drawing No.:
1" = 150'	17303-08	KATK012	4



LEGEND

- DITCH, STREAM OR RIVER
- FENCE LINE (SURVEYED)
- TREE LINE
- FORMER DIESEL FUEL LINE
- SOIL BORINGS(SURVEYED)
- SB1-B1
- MW8
- GS-2
- IW-52
- GP19-03D
- MONITORING WELL LOCATION (NOT SURVEYED)
- GROUNDWATER SURFACE WATER INTERFACE WELL(SURVEYED)
- INJECTION WELL LOCATION (SURVEYED)
- GAS PROBE LOCATIONS
- SANITARY SEWER
- STORM SEWER SHOWN AS PER SITE UTILITIES UNDERGROUND PLAN JOB NO. 200 BMP2078.DWG
- STORM SEWER SHOWN AS PER INVERTS FOUND BY FIELD OBSERVATIONS.
- FORMER SLUDGE LINE
- OVERHEAD ELECTRICAL LINE
- CB15
- MH18
- MANHOLE (SURVEYED)
- PAVEMENT VARIATION (SURVEYED)
- UTILITY POLE (SURVEYED)
- LOCATION UNKNOWN BEYOND THIS POINT
- PERMANENT SEWER PLUG
- GROUNDWATER CONTOUR
- APPROXIMATE GROUNDWATER CONTOUR

PRODUCT ELEVATIONS (AMSL) FT.

LOCATION	ELEVATION (UNAPL)	THICKNESS (FT)
IW-40	706.35	0.50
IW-50	702.53	0.38
MW18-06	702.29	0.30
MW19-08	705.93	0.35
PZ18-128	703.26	0.01
PZ18-140	697.90	0.36
PZ18-96	703.21	0.22

LOCATION	ELEVATION (DNAPL)	THICKNESS (FT)
MW18-01	696.92	0.01
MW18-02	699.40	1.80
MW18-04	694.64	0.28
MW18-05	695.36	5.09
MW18-08	695.89	2.42
MW18-09	699.31	4.04

GROUNDWATER ELEVATIONS (AMSL) FT.

LOCATION	ELEVATION	LOCATION	ELEVATION	LOCATION	ELEVATION
BG-3	712.22	IW-48	702.96	MW19-23	699.85
BG-4	712.01	IW-5	706.76	MW19-24	703.02
FONS-PZ1	705.86	IW-50	702.25	MW19-25	707.04
GS-1	704.51	IW-51	703.39	MW19-26	705.94
GS-2	702.96	IW-52	703.19	MW19-27	705.92
GS-3	697.31	IW-53	703.01	MW19-28	705.61
GS-4	697.12	IW-54	702.56	MW-1L-93	702.35
GS-5	701.34	IW-55	702.63	MW-2-12-A	704.36
GS-6	700.30	IW-6	706.57	MW-2-13-A	704.26
GS-7	677.59	IW-7	706.51	MW23-01	706.69
GS-8	700.23	IW-8	706.48	MW23-02	706.42
IW-1	706.76	IW-9	706.44	MW-3	705.95
IW-10	706.90	MW-12	702.08	MW-3-6	710.04
IW-11	706.84	MW-13	701.13	MW-3-7	710.03
IW-12	706.68	MW-14	702.41	MW-3-8	710.01
IW-15	706.35	MW18-01	703.23	MW-4	705.76
IW-17	706.28	MW18-02	703.25	MW-5	703.35
IW-18	707.10	MW18-03	703.31	MW-6	704.24
IW-19	706.89	MW18-04	703.28	MW-6U-93	700.39
IW-2	706.65	MW18-05	703.45	MW-7	707.97
IW-20	706.81	MW18-06	701.99	MW-8	706.64
IW-21	706.63	MW18-07	703.59	PZ18-01	700.68
IW-22	706.53	MW18-08	703.39	PZ18-02	702.10
IW-23	706.66	MW18-09	703.26	PZ18-102	697.67
IW-24	706.40	MW-18-45	702.01	PZ18-127	703.45
IW-26R	706.39	MW-18-46	704.59	PZ18-128	703.25
IW-27	706.62	MW19-01	703.65	PZ18-132	702.90
IW-28	706.52	MW19-02	702.65	PZ18-133	706.79
IW-29	706.45	MW19-03	702.25	PZ18-140	697.54
IW-3	706.55	MW19-04	701.68	PZ18-196	701.62
IW-30	706.37	MW19-06	702.94	PZ18-197	702.85
IW-33	706.63	MW19-07	704.45	PZ18-73	703.05
IW-34	706.47	MW19-08	705.58	PZ18-87	702.69
IW-35	706.39	MW19-09	706.61	PZ18-96	702.99
IW-36	706.36	MW19-10	707.24	PZ18-97	700.84
IW-38	706.52	MW19-11	706.87	RD-MW-1	711.45
IW-39	706.42	MW19-12	704.94	RD-MW-2	712.05
IW-4	706.90	MW19-13	700.59	RD-MW-3	710.37
IW-40	705.85	MW19-14	701.65	RD-MW-4	711.35
IW-41	702.88	MW19-15	704.64	RD-MW-5	712.48
IW-42	703.08	MW19-16	704.08	RD-MW-6	713.09
IW-44	702.80	MW19-17	703.36	RD-MW-7	709.95
IW-45	702.44	MW19-18	703.24	RD-MW-8	712.40
IW-46	703.15	MW19-19	703.09	S.G. #1	697.17
IW-47	703.15	MW19-22R	700.73	S.G. #2	698.72

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

GENERAL MOTORS CORPORATION

COMPANY VEHICLE OPERATIONS

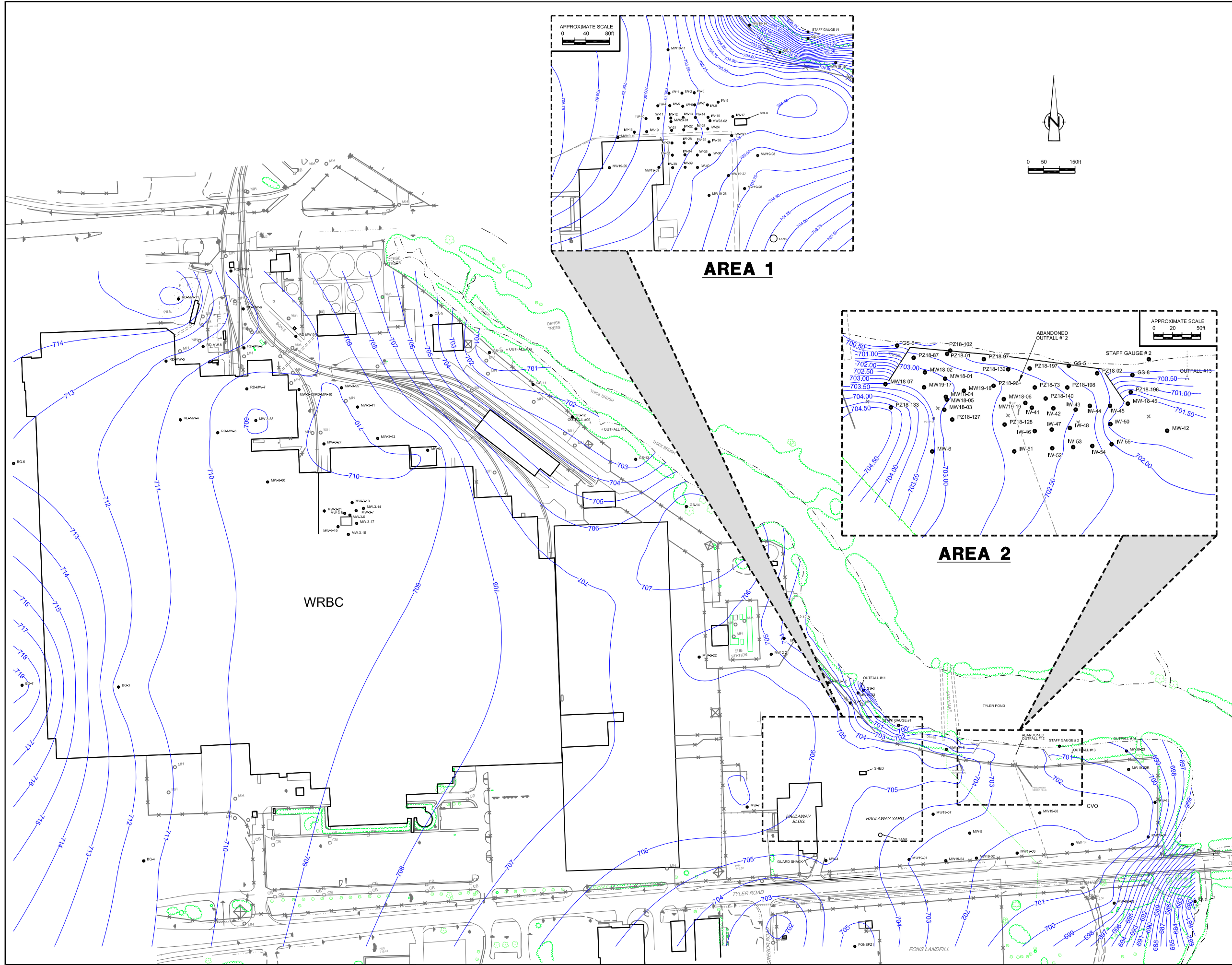
GROUNDWATER CONTOURS
SEPTEMBER 4, 2007

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:
F. BLICKLE	L. ALVAREZ	NOVEMBER 2007
Scale:	Project N°:	Report N°:
1" = 150'	17303-08	KATK012
		Drawing N°:
		5

17303-08(KATK012)GN-W005 MAY 13/2008



LEGEND

- DITCH, STREAM OR RIVER
- FENCE LINE (SURVEYED)
- TREE LINE
- FORMER DIESEL FUEL LINE
- SOIL BORINGS(SURVEYED)
- MONITORING WELL LOCATION (NOT SURVEYED)
- GROUNDWATER SURFACE WATER INTERFACE WELL(SURVEYED)
- INJECTION WELL LOCATION (SURVEYED)
- GAS PROBE LOCATIONS
- SANITARY SEWER
- STORM SEWER SHOWN AS PER SITE UTILITIES UNDERGROUND PLAN JOB NO. 200 BMP2078.DWG
- STORM SEWER SHOWN AS PER INVERTS FOUND BY FIELD OBSERVATIONS.
- FORMER SLUDGE LINE
- OVERHEAD ELECTRICAL LINE
- CATCH BASIN (SURVEYED)
- MANHOLE (SURVEYED)
- PAVEMENT VARIATION (SURVEYED)
- UTILITY POLE (SURVEYED)
- LOCATION UNKNOWN BEYOND THIS POINT
- PERMANENT SEWER PLUG

PRODUCT ELEVATIONS (AMSL) FT. DECEMBER 3, 2007

LOCATION	ELEVATION (INAPL)	THICKNESS (FT)
IW-40	705.45	0.40
IW-50	702.21	0.55
IW-18	706.57	0.49
MW-3-7	709.81	0.27
MW-3-8	709.89	0.19
PZ18-128	702.74	0.06
PZ18-140	702.89	0.03
PZ18-96	702.88	0.04

LOCATION	ELEVATION (ONAPL)	THICKNESS (FT)
MW18-02	699.15	1.38
MW18-05	692.76	2.69
MW18-06	702.94	0.03
MW18-08	695.45	1.92
MW18-09	689.07	3.82

GROUNDWATER ELEVATIONS (AMSL) FT. DECEMBER 3, 2007

LOCATION	ELEVATION	LOCATION	ELEVATION	LOCATION	ELEVATION
BO-3	711.50	IM-46	702.87	MW-3-20	703.74
BO-4	711.29	IM-47	703.07	MW-3-21	705.59
BO-6	712.71	IM-48	702.45	MW-3-22	705.63
BO-7	710.95	IM-5	705.74	MW23-01	705.70
FONSPZ1	705.79	IM-50	701.86	MW23-02	705.43
GS-1	703.85	IM-51	702.71	MW-3	705.06
GS-10	699.77	IM-52	702.59	MW-3-3	705.65
GS-11	701.74	IM-53	702.42	MW-3-14	709.64
GS-12	702.42	IM-54	702.31	MW-3-16	709.61
GS-13	702.31	IM-55	702.10	MW-3-17	709.60
GS-14	706.00	IM-6	705.58	MW-3-19	709.52
GS-15	707.12	IM-7	705.50	MW-3-21	709.34
GS-2	703.14	IM-8	705.48	MW-3-27	710.45
GS-3	687.27	IM-9	705.43	MW-3-38	706.70
GS-4	698.01	IM-12	701.62	MW-3-41	706.82
GS-5	701.57	IM-13	701.55	MW-3-42	709.88
GS-6	700.64	IM-14	701.71	MW-3-43RD MW-10	709.75
GS-7	698.06	MW18-01	703.02	MW-3-55	710.02
GS-8	700.32	MW18-02	703.19	MW-3-6	709.51
GS-9	704.52	MW18-03	702.98	MW-3-60	709.42
IM-1	705.71	MW18-04	703.02	MW-3-7	709.34
IM-10	705.95	MW18-05	703.07	MW-3-8	709.70
IM-11	705.84	MW18-06	702.91	MW-4	705.13
IM-12	705.67	MW18-07	703.32	MW-5	702.57
IM-13	705.58	MW18-08	703.08	MW-5A	710.03
IM-15	705.23	MW18-09	703.07	MW-6	703.29
IM-17	705.34	MW18-45	701.75	MW-6-03	698.03
IM-19	706.05	IM-45	704.33	MW-7	707.06
IM-19	705.91	MW19-01	702.93	PZ18-01	701.56
IM-2	705.93	MW19-02	702.84	PZ18-02	702.12
IM-20	705.61	MW19-03	701.58	PZ18-102	696.85
IM-21	705.66	MW19-04	701.35	PZ18-127	702.93
IM-22	705.61	MW19-06	702.12	PZ18-128	702.68
IM-23	705.71	MW19-07	703.55	PZ18-132	702.58
IM-24	705.44	MW19-08	704.82	PZ18-133	706.67
IM-26R	705.31	MW19-09	705.72	PZ18-140	702.86
IM-27	705.66	MW19-10	706.34	PZ18-196	701.47
IM-28	705.56	MW19-11	705.77	PZ18-197	702.70
IM-29	705.49	MW19-12	704.76	PZ18-198	702.36
IM-3	705.53	MW19-13	700.25	PZ18-199	702.71
IM-30	705.37	MW19-14	701.44	PZ18-201	702.91
IM-33	705.71	MW19-15	704.56	PZ18-202	702.84
IM-34	705.53	MW19-16	703.58	PZ18-203	701.47
IM-35	705.45	MW19-17	703.01	RD MW-1	710.49
IM-36	705.40	MW19-18	702.83	RD MW-11	716.70
IM-38	705.63	MW19-19	702.88	RD MW-2	710.93
IM-39	705.52	MW19-22R	700.57	RD MW-3	709.86
IM-4	705.84	MW19-23	700.97	RD MW-4	710.07
IM-40	705.05	MW19-24	702.44	RD MW-5	711.69
IM-41	702.73	MW19-25	706.16	RD MW-6	711.37
IM-42	702.66	MW19-26	705.11	RD MW-7	709.45
IM-43	702.49	MW19-27	705.05	RD MW-8	711.61
IM-44	702.43	MW19-28	704.74	RD MW-9	710.73
IM-45	702.07	MW19-29	701.46		

SCALE VERIFICATION

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GENERAL MOTORS CORPORATION

COMPANY VEHICLE OPERATIONS

GROUNDWATER CONTOURS

DECEMBER 3, 2007

CONESTOGA-ROVERS & ASSOCIATES

Source References:

Project Manager:	Reviewed By:	Date:
F. BLICKLE	L. ALVAREZ	JANUARY 2008

Scale:	Project No:	Report No:	Drawing No:
1" = 150'	17303-08	KATK012	6

TABLE 1
NATURAL ATTENUATION SAMPLING PARAMETERS
2007 ANNUAL SAMPLING SUMMARY
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Natural Attenuation Wells	
GS-8	TCL VOCs, Site TAL Metals including Iron, PCBs, Dissolved Gases (Methane, Ethane & Ethene), TOC, Hexavalent Chromium, Dissolved Iron & Manganese (field filter), Sulfide, BOD, Alkalinities & sulfate & nitrate & nitrite, Ammonia & Total Phosphorus & COD, aerobic and anaerobic bioassay
IW-44	TCL VOCs, Site TAL Metals including Iron, PCBs, Dissolved Gases (Methane, Ethane & Ethene), TOC, Hexavalent Chromium, Dissolved Iron & Manganese (field filter), Sulfide, BOD, Alkalinities & sulfate & nitrate & nitrite, Ammonia & Total Phosphorus & COD, aerobic and anaerobic bioassay
MW18-45	TCL VOCs, Site TAL Metals including Iron, PCBs, Dissolved Gases (Methane, Ethane & Ethene), TOC, Hexavalent Chromium, Dissolved Iron & Manganese (field filter), Sulfide, BOD, Alkalinities & sulfate & nitrate & nitrite, Ammonia & Total Phosphorus & COD, aerobic and anaerobic bioassay
IW-41	TCL VOCs, Site TAL Metals including Iron, Dissolved Gases (Methane, Ethane & Ethene), TOC, Hexavalent Chromium, Dissolved Iron & Manganese (field filter), Sulfide, BOD, Alkalinities & sulfate & nitrate & nitrite, Ammonia & Total Phosphorus & COD, aerobic and anaerobic bioassay
IW-45	TCL VOCs, Site TAL Metals including Iron, Dissolved Gases (Methane, Ethane & Ethene), TOC, Hexavalent Chromium, Dissolved Iron & Manganese (field filter), Sulfide, BOD, Alkalinities & sulfate & nitrate & nitrite, Ammonia & Total Phosphorus & COD, aerobic and anaerobic bioassay
IW-55	TCL VOCs, Site TAL Metals including Iron, Dissolved Gases (Methane, Ethane & Ethene), TOC, Hexavalent Chromium, Dissolved Iron & Manganese (field filter), Sulfide, BOD, Alkalinities & sulfate & nitrate & nitrite, Ammonia & Total Phosphorus & COD, aerobic and anaerobic bioassay

TABLE 2
NATURAL ATTENUATION SAMPLING PARAMETERS
2007 ANNUAL SAMPLING SUMMARY
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Groundwater Monitoring Wells				VOCs													
				1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,3-Dichlorobenzene	Acetone	Benzene	Chlorobenzene	cis-1,2-Dichloroethene	Ethylbenzene	Methylene chloride	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylene (total)
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Well ID	Top of Casing	Screen (ft BGS)	Sample Date														
IW-9	716.45	11 - 16	03/09/2007	1 U	--	1 U	0.8 J ^b	1 U	1 U	4.3 ^{ab}	1 U	5 U	0.17 J ^a	1 U	1 U	22 ^{abc}	2 U
			06/05/2007	0.42 U	0.42 U	0.42 U	10 U	0.42 U	0.42 U	3.5 ^{ab}	0.42 U	2.1 U	0.13 J	0.095 J	0.42 U	15 ^{ab}	0.83 U
			09/06/2007	1.7 U	1.7 U	1.7 U	42 U	1.7 U	1.7 U	6.3 ^{ab}	1.7 U	8.3 U	0.91 J ^{ab}	1.7 U	1.7 U	36 ^{abc}	3.3 U
			12/06/2007	1.2 U	1.2 U	1.2 U	31 U	1.2 U	1.2 U	6.2 ^{ab}	1.2 U	6.2 U	1.1 J ^{ab}	0.25 J ^b	1.2 U	46 ^{abc}	0.62 J ^{ab}
			03/09/2007	1.2 U	--	1.2 U	31 U	1.2 U	1.2 U	41 ^{abc}	1.2 U	6.2 U	1.2 U	0.56 J ^b	1.2 U	24 ^{abc}	2.5 U
IW-12	717.29	7 - 17	06/05/2007	1 U	1 U	1 U	25 U	0.27 J ^{ab}	1 U	34 ^{abc}	1 U	5 U	1 U	0.49 J ^b	1 U	26 ^{abc}	2 U
			09/06/2007	1.7 U	1.7 U	1.7 U	1.8 J ^{ab}	1.7 U	1.7 U	52 ^{abc}	1.7 U	8.3 U	1.7 U	0.69 J ^b	1.7 U	27 ^{abc}	3.3 U
			12/06/2007	1.7 U	1.7 U	1.7 U	42 U	0.37 J ^{ab}	1.7 U	54 ^{abc}	1.7 U	8.3 U	1.7 U	0.69 J ^b	1.7 U	31 ^{abc}	3.3 U
			03/09/2007	5 U	--	5 U	41 J ^{ab}	5 U	5 U	4.6 J ^{ab}	5 U	25 U	5 U	5 U	120 ^{abc}	10 U	
			06/05/2007	2 U	2 U	2 U	50 U	2 U	2 U	8.8 ^{ab}	2 U	10 U	2 U	0.33 J ^b	2 U	64 ^{abc}	4 U
IW-33	717.82	13 - 18	09/06/2007	5 U	5 U	5 U	120 U	5 U	5 U	13 ^{abc}	5 U	25 U	5 U	5 U	5 U	110 ^{abc}	10 U
			12/06/2007	1.7 U	1.7 U	1.7 U	42 U	1.7 U	1.7 U	3.5 ^{ab}	1.7 U	8.3 U	1.7 U	1.7 U	1.7 U	52 ^{abc}	3.3 U
			03/08/2007	0.62 U	--	0.62 U	16 U	0.62 U	0.62 U	19 ^{abc}	0.62 U	3.1 U	0.62 U	0.14 J ^b	7.2 ^{abc}	5.9 ^{ab}	1.2 U
			06/07/2007	1 U	1 U	1 U	25 U	1 U	1 U	36 ^{abc}	1 U	5 U	1 U	0.19 J ^b	10 ^{abc}	5.1 ^{ab}	2 U
			09/05/2007	0.71 U	0.71 U	0.71 U	18 U	0.71 U	0.71 U	9 ^{ab}	0.71 U	3.6 U	0.71 U	0.73 ^{ab}	26 ^{abc}	1.4 U	
IW-44	717.23	12 - 17	12/04/2007	2 U	2 U	2 U	50 U	2 U	2 U	1.3 ^{abc}	2 U	1.1 J ^{ab}	2 U	2 U	1.1 J ^{ab}	56 ^{abc}	4 U
			03/08/2007	2.5 U	--	2.5 U	62 U	2.5 U	2.5 U	57 ^{abc}	2.5 U	12 U	2.5 U	0.6 J ^b	4.3 ^{abc}	17 ^{ab}	5 U
			06/07/2007	2.5 U	2.5 U	2.5 U	62 U	2.5 U	2.5 U	87 ^{abc}	2.5 U	12 U	2.5 U	0.77 J ^b	1.8 J ^{ab}	18 ^{abc}	5 U
			09/05/2007	5 U	5 U	5 U	120 U	5 U	5 U	120 ^{abc}	5 U	25 U	5 U	1.1 J ^b	1.7 J ^{ab}	35 ^{abc}	10 U
			12/04/2007	2 U	2 U	2 U	50 U	2 U	2 U	62 ^{abc}	2 U	10 U	2 U	0.7 J ^b	0.93 J ^{ab}	26 ^{abc}	4 U
IW-45	716.89	7.5 - 17.5	03/08/2007	0.62 U	--	0.62 U	16 U	0.62 U	0.62 U	16 ^{abc}	0.62 U	3.1 U	0.62 U	0.21 J ^b	19 ^{abc}	0.62 ^{ab}	1.2 U
			06/07/2007	0.83 U	0.83 U	0.83 U	21 U	0.83 U	0.83 U	30 ^{abc}	0.83 U	4.2 U	0.83 U	0.31 J ^b	16 ^{abc}	2 ^{ab}	1.7 U
			09/05/2007	2 U	2 U	2 U	50 U	2 U	2 U	56 ^{abc}	2 U	10 U	2 U	0.61 J ^b	22 ^{abc}	1.5 J ^{ab}	4 U
			12/04/2007	5 U	5 U	5 U	120 U	5 U	5 U	130 ^{abc}	5 U	25 U	5 U	0.99 J ^b	7.3 ^{abc}	19 ^{abc}	10 U
			03/08/2007	0.015 U	--	0.015 U	0.38 U	0.015 U	0.015 U	0.42 ^b	0.015 U	0.077 U	0.015 U	0.02	0.0062 J ^b	0.21 ^{ab}	0.031 U
IW-46	714.89	12 - 17	06/05/2007	0.33 U	0.33 U	0.33 U	8.3 U	0.33 U	0.33 U	9.5 ^{ab}	0.33 U	1.7 U	0.33 U	0.15 J ^b	0.33 U	9.1 J ^{ab}	0.67 U
			09/05/2007	0.14 U	0.14 U	0.14 U	3.6 U	0.14 U	0.14 U	3.7 ^{ab}	0.14 U	0.71 U	0.14 U	0.16 ^b	0.14 U	2.7 ^{ab}	0.29 U
			12/04/2007	0.25 U	0.25 U	0.25 U	6.2 U	0.25 U	0.25 U	8.5 ^{ab}	0.25 U	1.2 U	0.25 U	0.14 J ^b	0.25 U	4.5 ^{ab}	0.5 U
			03/15/2007	0.011 J ^b	--	0.033 U	0.83 U	0.033 U	0.033 U	1.1 ^{ab}	0.033 U	0.033 U	0.033 U	0.0076 J	0.79 ^{ab}	0.2 ^{ab}	0.046 J ^a
			06/07/2007	0.012 J ^b	0.028 J ^a	0.05 U	1.2 U	0.05 U	0.05 U	1.7 ^{ab}	0.05 U	0.25 U	0.05 U	0.05 U	0.38 ^{ab}	0.39 ^{ab}	0.1 U
IW-55	714.63	6.5 - 16.5	09/05/2007	0.04 U	0.039 J ^a	0.04 U	1 U	0.04 U	0.04 U	1.1 ^{ab}	0.04 U	0.2 U	0.04 U	0.04 U	0.51 ^{ab}	0.43 ^{ab}	0.019 J
			12/04/2007	0.018 U	0.03 ^a	0.018 U	0.45 U	0.018 U	0.018 U	0.52 ^b	0.018 U	0.0083 J ^b	0.018 U	0.0049 J	0.24 ^{ab}	0.27 ^{ab}	0.0096 J
			03/07/2007	0.029 U	--	0.029 U	0.71 U	0.029 U	0.029 U	0.064	0.029 U	0.14 U	0.029 U	0.029 U	0.029 U	0.62 ^{ab}	0.057 U
			06/06/2007	0.02 U	0.02 U	0.02 U	0.5 U	0.0051 J ^b	0.02 U	0.067	0.02 U	0.1 U	0.02 U	0.02 U	0.02 U	0.61 ^{ab}	0.04 U
			09/07/2007	0.012 U	0.012 U	0.012 U	0.31 U	0.0046 J	0.012 U	0.049	0.012 U	0.062 U	0.012 U	0.012 U	0.012 U	0.46 ^{ab}	0.025 U
GS-3	704.61	3-5	12/07/2007	0.01 U	0.01 U	0.01 U	0.25 U	0.0035 J	0.01 U	0.034	0.01 U	0.05 U	0.01 U	0.01 U	0.01 U	0.3 ^{ab}	0.02 U
			03/07/2007	0.005 U	--	0.005 U	0.12 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.099 ^{ab}	0.01 U
			06/06/2007	0.0067 U	0.0067 U	0.0067 U	0.17 U	0.0017 J	0.0067 U	0.0024 J	0.0067 U	0.033 U	0.0067 U	0.0067 U	0.0067 U	0.2 ^{ab}	0.013 U
			09/07/2007	0.001 U	0.001 U	0.001 U	0.025 U	0.00049 J	0.001 U	0.00022 J	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.0005 ^b	0.002 U
			12/07/2007	0.001 U	0.001 U	0.001 U	0.025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.002	0.002 U
GS-5	702.99	3-5	06/05/2007	0.25 U	0.25 U	0.25 U	6.2 U	0.25 U	0.25 U	3.3 ^{ab}	0.25 U	1.2 U	0.25 U	0.25 U	0.25 U	7.5 ^{ab}	0.5 U
			09/06/2007	0.14 U	0.14 U	0.14 U	3.6 U	0.14 U	0.14 U	2.7 ^{ab}	0.14 U	0.71 U	0.14 U	0.14 U	0.14 U	5 ^{ab}	0.29 U
			12/06/2007	0.11 U	0.11 U	0.11 U	2.8 U	0.11 U	0.11 U	2.6 ^{ab}	0.11 U	0.56 U	0.11 U	0.11 U	0.11 U	3.2 ^{ab}	0.22 U
			03/12/2007	0.17 U	--	0.17 U	4.2 U	0.17 U	0.17 U	4.6 ^{ab}	0.17 U	0.83 U	0.17 U	0.22 ^b	0.17 U	3.6 ^{ab}	0.33 U
GS-6	703.52	2-6	06/05/2007	0.17 U	0.17 U	0.17 U	4.2 U	0.17 U	0.17 U	4.8 ^{ab}	0.17 U	0.83 U	0.17 U	0.25 ^b	0.17 U	1.8 ^{ab}	0.33 U
			09/05/2007	0.14 U	0.14 U	0.14 U	3.6 U	0.14 U	0.14 U	4.5 ^{ab}	0.14 U	0.71 U	0.14 U	0.22 ^b	0.14 U	0.59 ^{ab}	0.29 U
			12/05/2007	0.17 U	0.17 U	0.17 U	4.2 U	0.17 U	0.17 U	4.8 ^{ab}	0.17 U	0.83 U	0.17 U	0.22 ^b	0.17 U	1.3 ^{ab}	0.33 U
			03/12/2007	0.001 U	--	0.001 U	0.025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U
			06/06/2007	0.001 U	0.001 U	0.001 U	0.025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U	0.0015	0.001 U	0.002 U
GS-7	682.43	3-8	09/07/2007	0.001 U	0.001 U	0.001 U	0.025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U	0.00075 J	0.001 U	0.002 U
			12/06/2007	0.001 U	0.001 U	0.001 U	0.025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U	0.00036 J	0.001 U	0.002 U
			03/08/2007	1.7 U	--	1.7 U	42 U	1.7 U	1.7 U	40 ^{abc}	1.7 U	8.3 U	1.7 U	1.7 U	1.7 U	4.9 ^{abc}	3.3 U
			06/08/2007	3.3 U	3.3 U	3.3 U	83 U	3.3 U	3.3 U	110 ^{abc}	3.3 U	17 U	3.3 U	3.3 U	3.3 U	6.5 ^{abc}	6.7 U
			09/06/2007	5 U	5 U	5 U	120 U	5 U	5 U	120 ^{abc}	5 U	25 U	5 U	5 U	5 U	4.1 J ^{abc}	9.9 ^{ab}
GS-8	706.47	1.5-6.5	12/06/2007	2.5 U	2.5 U	2.5 U	62 U	2.5 U	2.5 U	71 ^{abc}	2.5 U	12 U	2.5 U	0.5 J ^b	1.6 J ^{ab}	5.3 ^{ab}	5 U

TABLE 2
NATURAL ATTENUATION SAMPLING PARAMETERS
2007 ANNUAL SAMPLING SUMMARY
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

				VOCs													
Groundwater Monitoring Wells				1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,3-Dichlorobenzene	Acetone	Benzene	Chlorobenzene	cis-1,2-Dichloroethene	Ethylbenzene	Methylene chloride	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylene (total)
Well ID	Top of Casing	Screen (ft BGS)	Sample Date	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-4	717.51	10-20	03/08/2007	0.001 U	--	0.001 U	0.025 U	0.001 U	0.001 U	0.00025 J	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.0003 J	0.002 U
			06/06/2007	0.001 U	0.001 U	0.001 U	0.025 U	0.001 U	0.001 U	0.00028 J	0.001 U	0.005 U	0.001 U	0.001 U	0.00038 J	0.002 U	
			09/06/2007	0.001 U	0.001 U	0.001 U	0.025 U	0.001 U	0.001 U	0.00037 J	0.001 U	0.005 U	0.001 U	0.001 U	0.0003 J	0.002 U	
			12/06/2007	0.001 U	0.001 U	0.001 U	0.025 U	0.001 U	0.001 U	0.00038 J	0.001 U	0.005 U	0.001 U	0.001 U	0.00028 J	0.002 U	
MW-6	714.84	10-20	03/08/2007	0.05 U	--	0.05 U	1.2 U	0.05 U	0.05 U	0.44 ^b	0.05 U	0.25 U	0.05 U	0.016 J	0.05 U	1.3 ^{ab}	0.1 U
			06/05/2007	0.017 U	0.017 U	0.017 U	0.42 U	0.0089 J ^b	0.017 U	0.31 ^b	0.017 U	0.083 U	0.017 U	0.014 J	0.024 ^b	0.65 ^{ab}	0.033 U
			09/05/2007	0.025 U	0.025 U	0.025 U	0.62 U	0.011 J ^b	0.025 U	0.36 ^b	0.025 U	0.12 U	0.025 U	0.016 J	0.048 ^{ab}	0.65 ^{ab}	0.05 U
			12/06/2007	0.029 U	0.029 U	0.029 U	0.71 U	0.012 J ^b	0.029 U	0.33 ^b	0.029 U	0.14 U	0.029 U	0.013 J	0.026 J ^b	0.65 ^{ab}	0.057 U
MW-12	714.66	8-18	03/08/2007	0.022 U	--	0.022 U	0.56 U	0.022 U	0.022 U	0.027	0.022 U	0.11 U	0.022 U	0.022 U	0.56 ^{ab}	0.022 U	0.044 U
			06/05/2007	0.0091 U	0.0091 U	0.0091 U	0.23 U	0.0091 U	0.0091 U	0.035	0.0091 U	0.045 U	0.0091 U	0.0091 U	0.36 ^{ab}	0.0091 U	0.018 U
			09/05/2007	0.0091 U	0.0091 U	0.0091 U	0.23 U	0.0091 U	0.0091 U	0.039	0.0091 U	0.045 U	0.0091 U	0.0018 J	0.27 ^{ab}	0.0091 U	0.018 U
			12/04/2007	0.01 U	0.01 U	0.01 U	0.25 U	0.01 U	0.01 U	0.12 ^b	0.01 U	0.05 U	0.01 U	0.0033 J	0.36 ^{ab}	0.01 U	0.02 U
MW-14	714.18	8-18	03/08/2007	0.001 U	--	0.001 U	0.025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U
			06/05/2007	0.001 U	0.001 U	0.001 U	0.025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U
			09/06/2007	0.001 U	0.001 U	0.001 U	0.025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U
			12/05/2007	0.001 U	0.001 U	0.001 U	0.025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U
MW18-07	716.84	9.5-19.5	03/09/2007	0.0083 U	--	0.0083 U	0.21 U	0.0083 U	0.0083 U	0.19 ^b	0.0083 U	0.042 U	0.0083 U	0.09	0.024 ^b	0.095 ^{ab}	0.017 U
			06/05/2007	0.008 U	0.008 U	0.008 U	0.2 U	0.008 U	0.008 U	0.22 ^b	0.008 U	0.04 U	0.008 U	0.12 ^b	0.023 ^b	0.075 ^{ab}	0.016 U
			09/05/2007	0.008 U	0.008 U	0.008 U	0.2 U	0.008 U	0.008 U	0.23 ^b	0.008 U	0.04 U	0.008 U	0.11 ^b	0.024 ^b	0.086 ^{ab}	0.016 U
			12/05/2007	0.008 U	0.008 U	0.008 U	0.2 U	0.008 U	0.008 U	0.21 ^b	0.008 U	0.04 U	0.008 U	0.085	0.017 ^b	0.11 ^{ab}	0.016 U
MW-18-45	716.65	6.5-16	03/08/2007	2.5 U	--	2.5 U	62 U	2.5 U	2.5 U	84 ^{abc}	2.5 U	12 U	2.5 U	0.69 J ^b	5.4 ^{abc}	12 ^{ab}	5 U
			06/07/2007	3.3 U / 3.3 U	3.3 U / 3.3 U	3.3 U / 3.3 U	83 U / 83 U	3.3 U / 3.3 U	3.3 U / 3.3 U	110 / 110 ^{abc}	3.3 U / 3.3 U	17 U / 17 U	3.3 U / 3.3 U	0.85 J / 0.65 J ^b	4.8 / 4.9 ^{abc}	16 / 15 ^{abc}	6.7 U / 6.7 U
			09/05/2007	3.3 U / 3.3 U	3.3 U / 3.3 U	3.3 U / 3.3 U	83 U / 83 U	3.3 U / 3.3 U	3.3 U / 3.3 U	110 / 110 ^{abc}	3.3 U / 3.3 U	17 U / 17 U	3.3 U / 3.3 U	1 J / 0.94 J ^b	5.5 / 5.3 ^{abc}	15 / 15 ^{abc}	6.7 U / 6.7 U
			12/05/2007	5 U / 5 U	5 U / 5 U	5 U / 5 U	120 U / 120 U	5 U / 5 U	5 U / 5 U	110 / 110 ^{abc}	5 U / 5 U	25 U / 25 U	5 U / 5 U	1.1 J / 5 U	3.9 J / 2.9 J ^{abc}	14 / 17 ^{abc}	10 U / 10 U
MW19-01	716.37	8-18	03/08/2007	0.001 U	--	0.001 U	0.025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.0018	0.002 U
			06/06/2007	0.001 U	0.001 U	0.001 U	0.025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.00041 J	0.002 U
			09/06/2007	0.001 U	0.001 U	0.001 U	0.025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.007 ^b	0.002 U
			12/05/2007	0.001 U / 0.001 U	0.001 U / 0.001 U	0.001 U / 0.001 U	0.025 U / 0.025 U	0.001 U / 0.001 U	0.001 U / 0.001 U	0.001 U / 0.001 U	0.001 U / 0.001 U	0.005 U / 0.005 U	0.001 U / 0.001 U	0.001 U / 0.001 U	0.001 U / 0.001 U	0.024 / 0.024 ^{ab}	0.002 U / 0.002 U
MW19-02	716.15	9-19	03/09/2007	0.5 U / 0.5 U	--	0.5 U / 0.5 U	12 U / 0.4 J	0.5 U / 0.5 U	0.5 U / 0.5 U	8 / 8.2 ^{abc}	0.5 U / 0.5 U	2.5 U / 2.5 U	0.5 U / 0.5 U	0.25 J / 0.25 J ^b	0.5 U / 0.5 U	11 / 11 ^{abc}	1 U / 1 U
			06/06/2007	0.2 U / 0.2 U	0.2 U / 0.2 U	0.2 U / 0.2 U	5 U / 5 U	0.2 U / 0.2 U	0.2 U / 0.2 U	6.5 / 6.4 ^{ab}	0.2 U / 0.2 U	1 U / 1 U	0.2 U / 0.2 U	0.21 / 0.21 ^b	0.2 U / 0.2 U	7.7 / 7.6 ^b	0.4 U / 0.4 U
			09/07/2007	0.5 U	0.5 U	0.5 U	12 U	0.5 U	0.5 U	12 ^{abc}	0.5 U	2.5 U	0.5 U	0.37 J ^b	0.5 U	15 ^{ab}	1 U
			12/05/2007	0.42 U	0.42 U	0.42 U	10 U	0.42 U	0.42 U	11 ^{ab}	0.42 U	2.1 U	0.42 U	0.37 J ^b	0.42 U	11 ^{ab}	0.83 U
MW19-03	714.44	7-17	03/09/2007	0.062 U	--	0.062 U	1.6 U	0.062 U	0.062 U	0.83 ^{ab}	0.062 U	0.31 U	0.062 U	0.034 J	0.062 U	1.4 ^{ab}	0.12 U
			06/05/2007	0.04 U	0.04 U	0.04 U	1 U	0.04 U	0.04 U	0.67 ^{ab}	0.04 U	0.2 U	0.04 U	0.029 J	0.04 U	1.3 ^{ab}	0.08 U
			09/06/2007	0.056 U	0.056 U	0.056 U	1.4 U	0.056 U	0.056 U	0.84 ^{ab}	0.056 U	0.28 U	0.056 U	0.036 J	0.056 U	1.4 ^{ab}	0.11 U
			12/05/2007	0.083 U	0.083 U	0.083 U	2.1 U	0.083 U	0.083 U	1.3 ^{ab}	0.083 U	0.42 U	0.083 U	0.051 J	0.083 U	2.4 ^{ab}	0.17 U
MW19-07	715.72	7-17	03/08/2007	0.62 U / 0.5 U	--	0.62 U / 0.5 U	12 U / 16 U	0.62 U / 0.5 U	0.5 U / 0.62 U	9.2 / 8 ^{ab}	0.62 U / 0.5 U	2.5 U / 3.1 U	0.5 U / 0.62 U	0.21 J / 0.22 J ^b	0.5 U / 0.62 U	18 / 19 ^{abc}	1 U / 1.2 U
			06/05/2007	0.33 U	0.33 U	0.33 U	8.3 U	0.33 U	0.33 U	5.5 ^{ab}	0.33 U	1.7 U	0.33 U	0.14 J ^b	0.33 U	11 ^{ab}	0.67 U
			09/06/2007	0.62 U / 0.62 U	0.62 U / 0.62 U	0.62 U / 0.62 U	16 U / 16 U	0.62 U / 0.62 U	0.62 U / 0.62 U	9.2 / 10 ^{ab}	0.62 U / 0.62 U	3.1 U / 3.1 U	0.62 U / 0.62 U	0.23 J / 0.25 J ^b	0.62 U / 0.62 U	21 / 19 ^{abc}	1.2 U / 1.2 U
			12/05/2007	0.62 U	0.62 U	0.62 U	16 U	0.62 U	0.62 U	6.5 ^{ab}	0.62 U	3.1 U	0.62 U	0.22 J ^b	0.62 U	19 ^{abc}	1.2 U
MW19-12	715.29	7-17	03/07/2007	0.05 U	--	0.013 J ^b	1.2 U	0.05 U	0.014 J	1 ^{ab}	0.043 J ^a	0.25 U	0.012 J	0.019 J	0.05 U	1.2 ^{ab}	0.1 U
			06/06/2007	0.029 U	0.0051 J	0.015 J ^b	0.71 U	0.024 J ^{ab}	0.019 J	0.28 ^b	0.087 ^{ab}	0.14 U	0.029	0.01 J	0.029 U	0.83 ^{ab}	0.017 J
			09/06/2007	0.067 U	0.014 J	0.021 J ^b	1.7 U	0.033 J ^{ab}	0.047 J	1.3 ^{ab}	0.14 ^{ab}	0.33 U	0.039 J	0.027 J	0.067 U	1.9 ^{ab}	0.13 U
			12/06/2007	0.091 U	0.014 J	0.02 J ^b	2.3 U	0.041 J ^{ab}	0.075 J ^a	1.3 ^{ab}	0.18 ^{ab}	0.45 U	0.061 J	0.029 J	0.091 U	2.3 ^{ab}	0.18 U
MW19-24	716.64	8-18	03/09/2007	0.12 U	--	0.12 U	0.093 J	0.12 U	0.12 U	0.37 ^b	0.12 U	0.62 U	0.12 U	0.12 U	2.7 ^{ab}	0.25 U	
			06/06/2007	0.029 U	0.029 U	0.029 U	0.71 U	0.034 ^{ab}	0.029 U	0.27 ^b	0.029 U	0.14 U	0.029 U	0.012 J	0.029 U	0.75 ^{ab}	0.057 U
			09/06/2007	0.071 U	0.071 U	0.071 U	1.8 U	0.061 J ^{ab}	0.071 U	0.27 ^b	0.071 U	0.36 U	0.071 U	0.071 U	2.2 ^{ab}	0.14 U	
			12/05/2007	0.42 U	0.42 U	0.42 U	10 U	0.1 J ^{ab}	0.42 U	0.35 J ^b	0.42 U	2.1 U	0.42 U	0.42 U	13 ^{ab}	0.83 U	
CRITERIA*																	
Residential Drinking Water				0.024 X	0.017	0.038	1.7	0.012 X	0.047	0.62	0.018	0.047 X	0.14	1.5	0.029 X	0.015	0.035
Groundwater Surface Water Interface				0.007 A	0.063 E	0.0066	0.73	0.005 A	0.1 A	0.07 A	0.074 E	0.005 A	0.79 E	0.1 A	0.005 A	0.002 A	0.28 E
Final Acute Value				2.3	0.31	0.2	30	1.8	0.85	11	0.32	17	1.7	28	3.5	17	0.63

Bolded values indicate a detection
a Residential Drinking Water
b Groundwater Surface Water Interface
c Final Acute Value
A Criterion is the state of Michigan drinking water standard established pursuant to Section 5 of 1976 pa 399, mcl 325.1005.
E Criterion is the aesthetic drinking water value.
J Estimated concentration
X For a groundwater discharge to the Great Lakes and their connecting waters or discharge in close proximity to a water supply intake in inland surface waters, the generic GSI criterion shall be the surface water human drinking water value (HDV), except for those HDV indicated with an asterisk.
For HDV with an asterisk, the generic GSI criterion shall be the lowest of the HDV, the WV, and the calculated FCV.
U Not present at or above the associated value

TABLE 3
NATURAL ATTENUATION SAMPLING PARAMETERS
2007 ANNUAL SAMPLING SUMMARY
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Groundwater Monitoring Wells				SVOCs									
				1,4-Dioxane	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium Total	Chromium VI (Hexavalent)	Cobalt	Copper
Well ID	Top of Casing	Screen (ft BGS)	Sample Date	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
IW-9	716.45	11 - 16	03/09/2007	--	0.0022 ^a	0.005 U	0.12	0.001 U	0.00051	0.005 U	--	0.0022 J	0.0041 U
			06/05/2007	--	0.00013 J	0.005 U	0.0839 J	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.00089 J
			09/06/2007	--	0.000086 J	0.005 U	0.111	0.001 U	0.00014 J	0.005 U	--	0.007 U	0.002 U
			12/06/2007	--	0.002 U	0.005 U	0.121	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.002 U
IW-12	717.29	7 - 17	03/09/2007	0.001 U	0.00052 J	0.005 U	0.133	0.001 U	0.00013 J	0.0024 J	--	0.0018 J	0.002 U
			06/05/2007	--	0.00046 J	0.005 U	0.111	0.001 U	0.0005 U	0.005 U	--	0.0018 J	0.0014 J
			09/06/2007	--	0.00081 J	0.005 U	0.121	0.001 U	0.00018 J	0.0042 J	--	0.003 J	0.0021 U
			12/06/2007	--	0.001 J	0.0059	0.175	0.001 U	0.0005 U	0.0075	--	0.0045 J	0.002 U
IW-33	717.82	13 - 18	03/09/2007	--	0.00053 J	0.0063	0.316	0.001 U	0.0005 U	0.0022 J	--	0.0023 J	0.002 U
			06/05/2007	--	0.00034 J	0.0084	0.264	0.001 U	0.0005 U	0.005 U	--	0.0021 J	0.0017 J
			09/06/2007	--	0.00045 J	0.0045 J	0.164	0.001 U	0.0005 U	0.005 U	--	0.0022 J	0.0025 U
			12/06/2007	--	0.00029 J	0.0095	0.106	0.001 U	0.0005 U	0.0022 J	--	0.0023 J	0.002 U
IW-41	717.43	6 - 16	03/08/2007	--	0.00045 J	0.005 U	0.036 J	0.001 U	0.0005 U	0.005 U	0.02 U	0.0015 J	0.0033 U
			04/20/2007	--	--	--	--	--	--	0.005 U / 0.005 U	0.01 U / 0.01 U	--	--
			06/07/2007	--	0.00032 J	0.005 U	0.17	0.001 U	0.0005 U	0.005 U	0.01 U	0.007 U	0.0027 U
			09/05/2007	--	0.00041 J	0.008	0.666	0.001 U	0.0005 U	0.0017 J	0.01 U	0.0035 J	0.002 U
IW-44	717.23	12 - 17	12/04/2007	--	0.00034 J	0.012 ^b	0.769	0.001 U	0.0005 U	0.0049 J	0.01 U	0.0019 J	0.002 U
			03/08/2007	--	0.00033 J	0.005 U	0.0145 J	0.001 U	0.0005 U	0.005 U	0.003 J	0.007 U	0.003 U
			06/07/2007	--	0.00018 J	0.005 U	0.0123 J	0.001 U	0.0005 U	0.005 U	0.01 U	0.007 U	0.002 U
			09/05/2007	--	0.00016 J	0.005 U	0.0093 J	0.001 U	0.0005 U	0.005 U	0.01 U	0.007 U	0.002 U
IW-45	716.89	7.5 - 17.5	12/04/2007	--	0.002 U	0.005 U	0.0114 J	0.001 U	0.0005 U	0.005 U	0.01 U	0.007 U	0.002 U
			03/08/2007	--	0.00049 J	0.005 U	0.0044 J	0.001 U	0.0003 J	0.005	0.004 J	0.0019 J	0.0052 U
			06/07/2007	--	0.00027 J	0.005 U	0.1 U	0.001 U	0.0005 U	0.0021 J	0.01 U	0.007 U	0.0032 U
			09/05/2007	--	0.002 U	0.005 U	0.1 U	0.0003 J	0.0005 U	0.005 U	0.01 U	0.007 U	0.0031
IW-46	714.89	12 - 17	12/04/2007	--	0.002 U	0.005 U	0.1 U	0.001 U	0.0005 U	0.005 U	0.01 U	0.007 U	0.0032
			03/08/2007	--	0.00062 J	0.005 U	0.0036 J	0.001 U	0.0005 U	0.004 J	--	0.007 U	0.002 U
			06/05/2007	--	0.0004 J	0.005 U	0.0072 J	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.0017 J
			09/05/2007	--	0.002 U	0.005 U	0.0115 J	0.001 U	0.00016 J	0.005 U	--	0.007 U	0.0021 U
IW-55	714.63	6.5 - 16.5	12/04/2007	--	0.00056 J	0.005 U	0.0066 J	0.001 U	0.0005 U	0.0031 J	--	0.007 U	0.002 U
			03/15/2007	--	0.00087 J	0.005 U	0.0297 J	0.001 U	0.0005 U	0.0022 J	0.01 U / 0.007 J	0.007 U	0.0067
			06/07/2007	--	0.00046 J	0.0087	0.0805 J	0.001 U	0.0005 U	0.005 U	0.01 U	0.007 U	0.005 U
			09/05/2007	--	0.002 U	0.0135 ^b	0.147	0.00031 J	0.0005 U	0.005 U	0.01 U	0.002 J	0.0054
GS-3	704.61	3-5	12/04/2007	--	0.002 U	0.0107 ^b	0.0888 J	0.001 U	0.0005 U	0.005 U	0.01 U	0.007 U	0.0024 U
			03/07/2007	--	0.00027 J	0.005 U	0.0453 J	0.001 U	0.00028 J	0.005 U	--	0.0013 J	0.0025 U
			06/06/2007	--	0.00024 J	0.005 U	0.0483 J	0.001 U	0.00013 J	0.005 U	--	0.007 U	0.0026
			09/07/2007	--	0.002 U	0.005 U	0.0612 J	0.00038 J	0.0005 U	0.005 U	--	0.0015 J	0.002 U
GS-4	702.93	3-5	12/07/2007	--	0.00044 J	0.005 U	0.0626 J	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.0025
			03/07/2007	--	0.0006 J	0.005 U	0.0377 J	0.001 U	0.00018 J	0.005 U	--	0.0051 J	0.002 U
			06/06/2007	--	0.00054 J	0.0049 J	0.0676 J	0.001 U	0.00011 J	0.005 U	--	0.0028 J	0.0021
			09/07/2007	--	0.002 U	0.0054	0.0622 J	0.00044 J	0.0005 U	0.005 U	--	0.0046 J	0.0054
GS-5	702.99	3-5	12/07/2007	--	0.00021 J	0.005 U	0.0245 J	0.001 U	0.0005 U	0.005 U	--	0.0048 J	0.0037
			06/05/2007	--	0.00026 J	0.0153 ^b	0.836	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.0012 J
			09/06/2007	--	0.00027 J	0.0224 ^b	0.978	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.0024 U
			12/06/2007	--	0.0003 J	0.0181 ^b	0.908	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.0023 U

TABLE 3
NATURAL ATTENUATION SAMPLING PARAMETERS
2007 ANNUAL SAMPLING SUMMARY
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Groundwater Monitoring Wells				SVOCs									
				1,4-Dioxane	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium Total	Chromium VI (Hexavalent)	Cobalt	Copper
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Well ID	Top of Casing	Screen (ft BGS)	Sample Date										
GS-6	703.52	2-6	03/12/2007	--	0.00015 J	0.005 U	0.0873 J	0.001 U	0.0005 U	0.005 U	--	0.0016 J	0.002 U
			06/05/2007	--	0.00017 J	0.0044 J	0.0954 J	0.001 U	0.0005 U	0.0026 J	--	0.007 U	0.0023
			09/05/2007	--	0.002 U	0.005 U	0.0814 J	0.00032 J	0.0005 U	0.005 U	--	0.007 U	0.0024 U
			12/05/2007	--	0.00014 J	0.005 U	0.103	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.0019 J
GS-7	682.43	3-8	03/12/2007	--	0.00021 J	0.005 U	0.167	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.0033 U
			06/06/2007	--	0.00017 J	0.0156 ^b	0.249	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.0017 J
			09/07/2007	--	0.002 U	0.0138 ^b	0.233	0.00034 J	0.0005 U	0.005 U	--	0.007 U	0.002 U
			12/06/2007	--	0.002 U	0.0133 ^b	0.29	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.002 U
GS-8	706.47	1.5-6.5	03/08/2007	--	0.00028 J	0.005 U	0.199	0.001 U	0.000088 J	0.0021 J	0.01 U	0.0088	0.0042 U
			06/08/2007	--	0.00022 J	0.0048 J	0.177	0.001 U	0.00011 J	0.005 U	0.01 U	0.0056 J	0.0036 U
			09/06/2007	--	0.00049 J	0.0064	0.184	0.001 U	0.00012 J	0.005 U	0.01 U	0.0031 J	0.0038
			12/06/2007	--	0.00032 J	0.0136 ^b	0.193	0.001 U	0.0005 U	0.005 U	0.01 U	0.0072	0.0033
MW-4	717.51	10-20	03/08/2007	0.001 U	0.00033 J	0.005 U	0.373	0.001 U	0.00018 J	0.003 J	--	0.0016 J	0.0036 U
			06/06/2007	--	0.00034 J	0.005 U	0.327	0.001 U	0.00038 J	0.005 U	--	0.007 U	0.0035
			09/06/2007	--	0.00031 J	0.005 U	0.298	0.001 U	0.00015 J	0.005 U	--	0.007 U	0.0027 U
			12/06/2007	--	0.00021 J	0.005 U	0.37	0.001 U	0.00016 J	0.005 U	--	0.007 U	0.0024 U
MW-6	714.84	10-20	03/08/2007	--	0.00013 J	0.005 U	0.122	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.0031 U
			06/05/2007	--	0.00017 J	0.005 U	0.115	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.0023 U
			09/05/2007	--	0.002 U	0.005 U	0.0997 J	0.00037 J	0.00019 J	0.005 U	--	0.007 U	0.002 U
			12/06/2007	--	0.002 U	0.005 U	0.115	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.002 U
MW-12	714.66	8-18	03/08/2007	0.001 U	0.00017 J	0.005 U	0.0313 J	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.002 U
			06/05/2007	--	0.00018 J	0.005 U	0.0375 J	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.002 U
			09/05/2007	--	0.002 U	0.005 U	0.0325 J	0.001 U	0.00033 J	0.005 U	--	0.007 U	0.002 U
			12/04/2007	--	0.00017 J	0.005 U	0.0392 J	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.002 U
MW-14	714.18	8-18	03/08/2007	--	0.00028 J	0.005 U	0.0399 J	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.0037 U
			06/05/2007	--	0.00027 J	0.005 U	0.0407 J	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.006 U
			09/06/2007	--	0.00023 J	0.005 U	0.0455 J	0.001 U	0.00013 J	0.005 U	--	0.007 U	0.002 U
			12/05/2007	--	0.00019 J	0.005 U	0.0642 J	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.0019 J
MW18-07	716.84	9.5-19.5	03/09/2007	--	0.00015 J	0.005 U	0.0283 J	0.001 U	0.00013 J	0.005 U	--	0.0013 J	0.0033 U
			06/05/2007	--	0.00022 J	0.005 U	0.0276 J	0.001 U	0.00011 J	0.005 U	--	0.007 U	0.0048 U
			09/05/2007	--	0.002 U	0.005 U	0.0228 J	0.0004 J	0.0005 U	0.005 U	--	0.0013 J	0.0042
			12/05/2007	--	0.002 U	0.0037 J	0.0292 J	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.0032
MW-18-45	716.65	6.5-16	03/08/2007	--	0.00052 J	0.0044 J	0.173	0.001 U	0.00017 J	0.005 U	0.01 U	0.0095	0.0029 U
			06/07/2007	--	0.0003 J / 0.00023 J	0.0053 / 0.0059	0.153 / 0.149	0.001 U / 0.001 U	0.0005 U / 0.00011 J	0.005 U / 0.005 U	0.01 U / 0.01 U	0.006 J / 0.0063 J	0.0023 U / 0.0025 U
			09/05/2007	--	0.002 U / 0.002 U	0.005 U / 0.005 U	0.171 / 0.166	0.001 U / 0.001 U	0.0005 U / 0.0005 U	0.005 U / 0.005 U	0.01 U / 0.01 U	0.0077 / 0.0081	0.0022 U / 0.0022 U
			12/05/2007	--	0.00063 J / 0.00034 J	0.0044 J / 0.0057	0.252 / 0.262	0.001 U / 0.001 U	0.00014 J / 0.00013 J	0.005 U / 0.005 U	0.01 U / 0.01 U	0.0097 / 0.009	0.0022 / 0.0023

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YPSILANTI, MI

Groundwater Monitoring Wells				SVOCs									
				1,4-Dioxane mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Chromium Total mg/L	Chromium VI (Hexavalent) mg/L	Cobalt mg/L	Copper mg/L
Well ID	Top of Casing	Screen (ft BGS)	Sample Date										
MW19-01	716.37	8-18	03/08/2007	--	0.00026 J	0.005 U	0.154	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.0028 U
			06/06/2007	--	0.00024 J	0.005 U	0.112	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.0028
			09/06/2007	--	0.00027 J	0.005 U	0.147	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.0028
			12/05/2007	--	0.002 U / 0.002 U	0.005 U / 0.005 U	0.286 / 0.302	0.001 U / 0.001 U	0.0005 U / 0.0005 U	0.005 U / 0.005 U	--	0.007 U / 0.007 U	0.0011 J / 0.0012 J
MW19-02	716.15	9-19	03/09/2007	0.001 U / 0.001 U	0.00022 J / 0.00038 J	0.005 U / 0.005 U	0.125 / 0.112	0.001 U / 0.001 U	0.0005 U / 0.0005 U	0.005 U / 0.005 U	--	0.007 U / 0.007 U	0.002 U / 0.002 U
			06/06/2007	--	0.0003 J / 0.0002 J	0.005 U / 0.005 U	0.0728 J / 0.0724 J	0.001 U / 0.001 U	0.0005 U / 0.0005 U	0.005 U / 0.005 U	--	0.007 U / 0.007 U	0.00068 J / 0.00076 J
			09/07/2007	--	0.002 U	0.005 U	0.106	0.00036 J	0.00011 J	0.005 U	--	0.007 U	0.002 U
			12/05/2007	--	0.002 U	0.005 U	0.129	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.00098 J
MW19-03	714.44	7-17	03/09/2007	--	0.00011 J	0.005 U	0.0708 J	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.002 U
			06/05/2007	--	0.00015 J	0.005 U	0.0754 J	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.002 U
			09/06/2007	--	0.00014 J	0.005 U	0.0725 J	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.002 U
			12/05/2007	--	0.002 U	0.005 U	0.082 J	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.0012 J
MW19-07	715.72	7-17	03/08/2007	--	0.00029 J / 0.00031 J	0.005 U / 0.005 U	0.386 / 0.375	0.001 U / 0.001 U	0.0005 U / 0.0005 U	0.005 U / 0.005 U	--	0.0036 J / 0.0035 J	0.002 U / 0.002 U
			06/05/2007	--	0.00048 J	0.005 U	0.276	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.002 U
			09/06/2007	--	0.00024 J / 0.00023 J	0.005 U / 0.005 U	0.35 / 0.37	0.001 U / 0.001 U	0.0005 U / 0.0005 U	0.005 U / 0.005 U	--	0.0019 J / 0.0017 J	0.002 U / 0.002 U
			12/05/2007	--	0.0002 J	0.0058	0.443	0.001 U	0.0005 U	0.005 U	--	0.003 J	0.0013 J
MW19-12	715.29	7-17	03/07/2007	0.001 U	0.0001 J	0.005 U	0.134	0.001 U	0.00049 J	0.005 U	--	0.007 U	0.002 U
			06/06/2007	--	0.000084 J	0.005 U	0.159	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.00068 J
			09/06/2007	--	0.002 U	0.005 U	0.208	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.002 U
			12/06/2007	--	0.00035 J	0.005 U	0.253	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.002 U
MW19-24	716.64	8-18	03/09/2007	--	0.00029 J	0.005 U	0.718	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.002 U
			09/06/2007	--	0.00035 J	0.005 U	0.479	0.001 U	0.00051	0.0019 J	--	0.007 U	0.0042
			12/05/2007	--	0.00015 J	0.005 U	0.561	0.001 U	0.0005 U	0.005 U	--	0.007 U	0.0009 J
			CRITERIA*										
Residential Drinking Water				0.034 X	0.002 X	0.05 X	1.866 X	0.0753	0.0025 X	0.011	0.011	0.1	0.0287
Groundwater Surface Water Interface				0.085	0.006 A	0.01 A	2 A	0.004 A	0.005 A	0.1 A	0.1 A	0.04	1 E
Final Acute Value				390	2.3	0.68	10.7	1.35	0.0373	0.032	0.032	0.74	0.0972

Notes: Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the NREPA (1994 PA 451, as amended).
Bolded values indicate a detection
a Residential Drinking Water
b Groundwater Surface Water Interface
c Final Acute Value
A Criterion is the state of Michigan drinking water standard established pursuant to Section 5 of 1976 pa 399, mcl 325.1005.
E Criterion is the aesthetic drinking water value.
J Estimated concentration
M Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.
X For a groundwater discharge to the Great Lakes and their connecting waters or discharge in close proximity to a water supply intake in inland surface waters, the generic GSI criterion shall be the surface water human drinking water value (HDV), except for those HDV indicated with an asterisk.
For HDV with an asterisk, the generic GSI criterion shall be the lowest of the HDV, the WV, and the calculated FCV.
U Not present at or above the associated value

TABLE 3
NATURAL ATTENUATION SAMPLING PARAMETERS
2007 ANNUAL SAMPLING SUMMARY
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

<i>Metals</i>											
<i>Iron</i>	<i>Iron (Dissolved)</i>	<i>Lead</i>	<i>Manganese</i>	<i>Manganese (Dissolved)</i>	<i>Mercury</i>	<i>Nickel</i>	<i>Selenium</i>	<i>Silver</i>	<i>Thallium</i>	<i>Vanadium</i>	<i>Zinc</i>
<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>
--	--	0.0018 J	5.42 ^{ab}	--	0.00011 J ^a	0.0181 J	0.0008 J	0.0002 U	0.000042 J	0.0078 ^b	0.336
--	--	0.003 U	5.26 ^{ab}	--	0.0002 U	0.0032 J	0.00077 J	0.0002 U	0.001 U	0.004 U	0.0139
--	--	0.003 U	3.95 ^{ab}	--	0.0002 U	0.0023 J	0.002 U	0.0002 U	0.001 U	0.004 U	0.01 U
3.4 ^b	--	0.003 U	4.12 ^{ab}	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.001 U	0.004 U	0.01 U
--	--	0.003 U	12.1 ^{ab}	--	0.0002 U	0.015 J	0.002 U	0.0002 U	0.000079 J	0.0048 ^b	0.01 U
--	--	0.003 U	11.8 ^{ab}	--	0.0002 U	0.0139 J	0.002 U	0.0002 U	0.001 U	0.0038 J	0.0074 J
--	--	0.003 U	9.09 ^{ab}	--	0.00014 J ^a	0.0125 J	0.002 U	0.0002 U	0.000059 J	0.0044	0.01 U
7 ^b	--	0.003 U	11.5 ^{ab}	--	0.0002 U	0.0127 J	0.002 U	0.0002 U	0.001 U	0.0049 ^b	0.01 U
--	--	0.003 U	10.7 ^{ab}	--	0.0002 U	0.0166 J	0.002 U	0.0002 U	0.001 U	0.0065 ^b	0.0142 U
--	--	0.003 U	8.69 ^{ab}	--	0.0002 U	0.025	0.002 U	0.0002 U	0.001 U	0.0034 J	0.0141
--	--	0.003 U	6.35 ^{ab}	--	0.00015 J ^a	0.0238	0.002 U	0.0002 U	0.001 U	0.0056 ^b	0.0111 U
10.2 ^b	--	0.003 U	7.49 ^{ab}	--	0.0002 U	0.0269	0.002 U	0.0002 U	0.001 U	0.0044	0.015 U
1.53 ^b	1.53 ^b	0.0025 J	12.6 ^{ab}	12.8 ^{ab}	0.0002 U	0.0086 J	0.0071 ^a	0.0002 U	0.001 U	0.0058 ^b	0.0103 U
--	--	--	--	--	--	--	--	--	--	--	--
2.71 J ^b	3.35 ^b	0.003 U	8.59 ^{ab}	8.85 ^{ab}	0.0002 U	0.0062 J	0.0153 ^a	0.0002 U	0.001 U	0.005 ^b	0.01 U
--	14.4 ^b	0.003 U	13.1 ^{ab}	14.2 ^{ab}	0.000096 J ^a	0.0165 J	0.002 U	0.0002 U	0.000025 J	0.0027 J	0.0151 U
16.3 ^b	15.8 ^b	0.003 U	10.3 ^{ab}	9.85 ^{ab}	0.0002 U	0.014 J	0.002 U	0.0002 U	0.001 U	0.0032 J	0.0314
0.112	0.1 U	0.003 U	11.8 ^{ab}	11.4 ^{ab}	0.0002 U	0.02 U	0.00098 J	0.0002 U	0.000026 J	0.012 ^b	0.0235 U
0.0369 J	0.1 U	0.003 U	9.86 ^{ab}	7.55 ^{ab}	0.0002 U	0.0065 J	0.002 U	0.0002 U	0.001 U	0.01 ^b	0.0101 U
--	0.1 U	0.003 U	8.72 ^{ab}	8.4 ^{ab}	0.0002 U	0.0059 J	0.002 U	0.0002 U	0.000024 J	0.0064 ^b	0.01 U
0.1 U	0.1 U	0.003 U	9.88 ^{ab}	9.45 ^{ab}	0.0002 U	0.0069 J	0.0013 J	0.0002 U	0.001 U	0.0095 ^b	0.01 U
0.124	0.1 U	0.003 U	2.83 ^b	1.59 ^b	0.0002 U	0.02 U	0.0758 ^{ab}	0.0002 U	0.000061 J	0.0036 J	0.01 U
0.1 U	0.1 U	0.003 U	0.576 ^b	0.327 ^b	0.0002 U	0.02 U	0.231 ^{abc}	0.0002 U	0.001 U	0.004 U	0.01 U
--	0.1 U	0.003 U	0.734 ^b	0.844 ^b	0.0002 U	0.002 J	0.0192 ^a	0.0002 U	0.001 U	0.0034 J	0.01 U
0.1 U	0.1 U	0.003 U	5.02 ^{ab}	4.88 ^{ab}	0.0002 U	0.0045 J	0.0035	0.0002 U	0.001 U	0.0058 ^b	0.01 U
--	--	0.003 U	0.322 ^b	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.001 U	0.004 U	0.0241 U
--	--	0.003 U	2.81 ^b	--	0.0002 U	0.003 J	0.00092 J	0.0002 U	0.001 U	0.0034 J	0.0204
--	--	0.003 U	9.28 ^{ab}	--	0.0002 U	0.0066 J	0.00084 J	0.0002 U	0.001 U	0.0025 J	0.0183 U
0.1 U	--	0.003 U	2.66 ^b	--	0.0002 U	0.0036 J	0.002 U	0.0002 U	0.001 U	0.0056 ^b	0.0266
0.126	0.107 / 0.12	0.0028 J	15.6 ^{ab}	14 ^{ab} / 14.4 ^{ab}	0.0002 U	0.0081 J	0.002 U	0.0002 U	0.000027 J	0.0064 ^b	0.0276 U
3.21 J ^b	3 ^b	0.0025 J	13.3 ^{ab}	14.1 ^{ab}	0.0002 U	0.0061 J	0.002 U	0.0002 U	0.001 U	0.006 ^b	0.01 U
--	4.91 ^b	0.0021 J	10.6 ^{ab}	9.42 ^{ab}	0.0002 U	0.0072 J	0.00067 J	0.0002 U	0.001 U	0.0051 ^b	0.0134 U
3.99 ^b	3.89 ^b	0.003 U	6.57 ^{ab}	6.08 ^{ab}	0.0002 U	0.0043 J	0.002 U	0.0002 U	0.001 U	0.0025 J	0.01 U
--	--	0.003 U	0.401 ^b	--	0.0002 U	0.02 U	0.00068 J	0.0002 U	0.00034 J	0.004 U	0.0182 U
--	--	0.003 U	0.301 ^b	--	0.0002 U	0.006 J	0.00098 J	0.0002 U	0.0004 J	0.004 U	0.0086 J
--	--	0.003 U	0.26 ^b	--	0.0002 U	0.0035 J	0.002 U	0.0002 U	0.001 U	0.004 U	0.01 U
--	--	0.003 U	0.34 ^b	--	0.0002 U	0.0065 J	0.0045	0.0002 U	0.00024 J	0.004 U	0.0152 U
--	--	0.003 U	1.39 ^b	--	0.0002 U	0.0105 J	0.00094 J	0.0002 U	0.000058 J	0.004 U	0.01 U
--	--	0.003 U	1.26 ^b	--	0.0002 U	0.0062 J	0.002 U	0.0002 U	0.001 U	0.004 U	0.0036 J
--	--	0.003 U	1.62 ^b	--	0.0002 U	0.0099 J	0.002 U	0.0002 U	0.001 U	0.004 U	0.0105 U
--	--	0.003 U	1.25 ^b	--	0.0002 U	0.0173 J	0.002 U	0.0002 U	0.001 U	0.004 U	0.01 U
--	--	0.003 U	1.1 ^b	--	0.0002 U	0.02 U	0.00063 J	0.0002 U	0.001 U	0.004 U	0.029
--	--	0.003 U	0.61 ^b	--	0.00012 J ^a	0.02 U	0.002 U	0.0002 U	0.000027 J	0.004 U	0.0206
25 ^b	--	0.003 U	0.769 ^b	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.001 U	0.00069 J	0.0337

TABLE 3
NATURAL ATTENUATION SAMPLING PARAMETERS
2007 ANNUAL SAMPLING SUMMARY
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

<i>Metals</i>											
<i>Iron</i>	<i>Iron (Dissolved)</i>	<i>Lead</i>	<i>Manganese</i>	<i>Manganese (Dissolved)</i>	<i>Mercury</i>	<i>Nickel</i>	<i>Selenium</i>	<i>Silver</i>	<i>Thallium</i>	<i>Vanadium</i>	<i>Zinc</i>
<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>
--	--	0.003 U	0.0669 ^b	--	0.0002 U	0.0173 J	0.00063 J	0.0002 U	0.000031 J	0.004 U	0.01 U
--	--	0.003 U	0.0652 ^b	--	0.0002 U	0.0093 J	0.00074 J	0.0002 U	0.000037 J	0.004 U	0.0055 J
--	--	0.003 U	0.0577 ^b	--	0.0002 U	0.0064 J	0.002 U	0.0002 U	0.001 U	0.004 U	0.01 U
1.21 ^b	--	0.003 U	0.0374	--	0.0002 U	0.0052 J	0.002 U	0.0002 U	0.001 U	0.004 U	0.005 J
--	--	0.003 U	3.19 ^b	--	0.0002 U	0.02 U	0.0011 J	0.0002 U	0.001 U	0.004 U	0.0138 U
--	--	0.003 U	3.28 ^b	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.001 U	0.004 U	0.008 J
--	--	0.003 U	3.62 ^{ab}	--	0.0002 U	0.0015 J	0.002 U	0.0002 U	0.001 U	0.004 U	0.01 U
30.2 ^b	--	0.003 U	4.73 ^{ab}	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.001 U	0.004 U	0.01 U
2.53 ^b	0.653 ^b	0.0026 J	2.47 ^b	2.55 ^b	0.0002 U	0.0087 J	0.0011 J	0.0002 U	0.000035 J	0.004 U	0.0169 U
1.41 J ^b	0.0766 J	0.003 U	1.93 ^b	1.94 ^b	0.0002 U	0.0093 J	0.002 U	0.0002 U	0.001 U	0.004 U	0.041
--	0.052 J	0.003 U	1.4 ^b	1.74 ^b	0.0002 U	0.0058 J	0.002 U	0.0002 U	0.000054 J	0.0026 J	0.0129 U
4.43 ^b	0.1 U	0.003 U	1.99 ^b	1.71 ^b	0.0002 U	0.0088 J	0.002 U	0.0002 U	0.001 U	0.00095 J	0.0134 U
--	--	0.003 U	0.385 ^b	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.00015 J	0.004 U	0.0251 U
--	--	0.003 U	0.392 ^b	--	0.0002 U	0.0053 J	0.002 U	0.0002 U	0.000064 J	0.004 U	0.0498
--	--	0.003 U	0.339 ^b	--	0.0002 U	0.0045 J	0.002 U	0.0002 U	0.00014 J	0.004 U	0.017 U
0.41 ^b	--	0.003 U	0.418 ^b	--	0.0002 U	0.0065 J	0.002 U	0.0002 U	0.00014 J	0.004 U	0.014 U
--	--	0.003 U	0.352 ^b	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.001 U	0.004 U	0.0126 U
--	--	0.003 U	0.326 ^b	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.001 U	0.004 U	0.01 U
--	--	0.003 U	0.315 ^b	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.001 U	0.004 U	0.01 U
7.36 ^b	--	0.003 U	0.305 ^b	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.001 U	0.004 U	0.01 U
--	--	0.003 U	0.0046 J	--	0.0002 U	0.02 U	0.002	0.0002 U	0.000069 J	0.004 U	0.01 U
--	--	0.003 U	0.0391	--	0.0002 U	0.0018 J	0.0024 U	0.0002 U	0.000038 J	0.004 U	0.01 U
--	--	0.003 U	0.0335	--	0.0002 U	0.0024 J	0.0011 J	0.0002 U	0.001 U	0.004 U	0.01 U
0.1 U	--	0.003 U	0.0438	--	0.0002 U	0.02 U	0.0014 J	0.0002 U	0.001 U	0.004 U	0.01 U
--	--	0.003 U	0.0488	--	0.0002 U	0.02 U	0.003	0.0002 U	0.000025 J	0.004 U	0.0134 U
--	--	0.003 U	0.0956 ^b	--	0.0002 U	0.0025 J	0.0029 U	0.0002 U	0.001 U	0.004 U	0.01 U
--	--	0.003 U	0.0499	--	0.00015 J ^a	0.02 U	0.0011 J	0.0002 U	0.000046 J	0.004 U	0.01 U
--	--	0.003 U	0.0781 ^b	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.001 U	0.004 U	0.0108
--	--	0.003 U	0.332 ^b	--	0.0002 U	0.02 U	0.0037	0.0002 U	0.001 U	0.004 U	0.01 U
--	--	0.003 U	0.33 ^b	--	0.0002 U	0.0039 J	0.0025 U	0.0002 U	0.001 U	0.004 U	0.01 U
--	--	0.003 U	0.286 ^b	--	0.0002 U	0.0041 J	0.0011 J	0.0002 U	0.001 U	0.004 U	0.01 U
10.2 ^b	--	0.003 U	0.245 ^b	--	0.0002 U	0.02 U	0.0013 J	0.0002 U	0.001 U	0.004 U	0.0038 J
5.48 ^b	5.03 ^b	0.003 U	2.17 ^b	2.2 ^b	0.0002 U	0.02 U	0.00078 J	0.0002 U	0.0002 J	0.004 U	0.0143 U
4.39 J ^b / 4.49 J ^b	3.65 ^b / 3.84 ^b	0.003 U / 0.003 U	1.72 ^b / 1.7 ^b	1.59 ^b / 1.52 ^b	0.0002 U / 0.0002 U	0.0048 J / 0.0049 J	0.002 U / 0.0022 U	0.0002 U / 0.0002 U	0.000073 J / 0.000064 J	0.004 U / 0.004 U	0.01 U / 0.01 U
--	4.78 ^b / 4.06 ^b	0.003 U / 0.003 U	2.15 ^b / 2.06 ^b	2 ^b / 2 ^b	0.0002 U / 0.0002 U	0.0063 J / 0.0072 J	0.002 U / 0.002 U	0.0002 U / 0.0002 U	0.001 U / 0.001 U	0.004 U / 0.004 U	0.01 U / 0.01 U
4.52 ^b / 4.72 ^b	4.21 ^b / 4.36 ^b	0.003 U / 0.003 U	2.4 ^b / 2.28 ^b	2.34 ^b / 2.37 ^b	0.0002 U / 0.0002 U	0.0048 J / 0.0059 J	0.002 U / 0.0016 J	0.0002 U / 0.0002 U	0.00019 J / 0.00018 J	0.004 U / 0.004 U	0.0113 / 0.012

TABLE 3
NATURAL ATTENUATION SAMPLING PARAMETERS
2007 ANNUAL SAMPLING SUMMARY
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

<i>Metals</i>											
<i>Iron</i>	<i>Iron (Dissolved)</i>	<i>Lead</i>	<i>Manganese</i>	<i>Manganese (Dissolved)</i>	<i>Mercury</i>	<i>Nickel</i>	<i>Selenium</i>	<i>Silver</i>	<i>Thallium</i>	<i>Vanadium</i>	<i>Zinc</i>
<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>
--	--	0.003 U	0.0555 ^b	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.00019 J	0.004 U	0.0138 U
--	--	0.003 U	0.0193	--	0.0002 U	0.0028 J	0.00072 J	0.0002 U	0.00012 J	0.004 U	0.0071 J
--	--	0.003 U	0.0288	--	0.0002 U	0.0019 J	0.00082 J	0.0002 U	0.00034 J	0.004 U	0.0111 U
4.4 ^b / 4.45 ^b	--	0.003 U / 0.003 U	0.148 ^b / 0.162 ^b	--	0.0002 U / 0.0002 U	0.02 U / 0.02 U	0.002 U / 0.002 U	0.0002 U / 0.0002 U	0.001 U / 0.001 U	0.004 U / 0.004 U	0.0112 / 0.0098 J
--	--	0.003 U / 0.003 U	0.204 ^b / 0.183 ^b	--	0.0002 U / 0.00012 J ^a	0.02 U / 0.02 U	0.002 U / 0.002 U	0.0002 U / 0.0002 U	0.000091 J / 0.000081 J	0.004 U / 0.004 U	0.01 U / 0.01 U
--	--	0.003 U / 0.003 U	0.0898 ^b / 0.0895 ^b	--	0.0002 U / 0.0002 U	0.02 U / 0.02 U	0.0016 J / 0.0017 J	0.0002 U / 0.0002 U	0.001 U / 0.001 U	0.004 U / 0.004 U	0.0046 J / 0.006 J
--	--	0.003 U	0.174 ^b	--	0.0002 U	0.0026 J	0.002 U	0.0002 U	0.001 U	0.004 U	0.01 U
1.36 ^b	--	0.003 U	0.184 ^b	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.001 U	0.004 U	0.0065 J
--	--	0.003 U	0.28 ^b	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.00009 J	0.004 U	0.01 U
--	--	0.003 U	0.2 ^b	--	0.0002 U	0.0027 J	0.002 U	0.0002 U	0.000086 J	0.004 U	0.01 U
--	--	0.003 U	0.188 ^b	--	0.000098 J ^a	0.0016 J	0.002 U	0.0002 U	0.00044 J	0.004 U	0.01 U
1.2 ^b	--	0.003 U	0.253 ^b	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.001 U	0.004 U	0.0043 J
--	--	0.003 U / 0.003 U	0.211 ^b / 0.201 ^b	--	0.0002 U / 0.0002 U	0.02 U / 0.02 U	0.002 U / 0.002 U	0.0002 U / 0.0002 U	0.00021 J / 0.00012 J	0.004 U / 0.004 U	0.0229 U / 0.0223 U
--	--	0.003 U	0.1 ^b	--	0.0002 U	0.0021 J	0.002 U	0.0002 U	0.000042 J	0.004 U	0.01 U
--	--	0.003 U / 0.003 U	0.138 ^b / 0.159 ^b	--	0.0001 J ^a / 0.0002 U	0.0029 J / 0.0021 J	0.00071 J / 0.002 U	0.0002 U / 0.0002 U	0.00016 J / 0.00015 J	0.004 U / 0.004 U	0.01 U / 0.01 U
3.06 ^b	--	0.003 U	0.268 ^b	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.00015 J	0.004 U	0.0148
--	--	0.003 U	0.885 ^b	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.001 U	0.004 U	0.01 U
--	--	0.003 U	0.769 ^b	--	0.0002 U	0.02 U	0.0011 J	0.0002 U	0.001 U	0.004 U	0.0064 J
--	--	0.003 U	0.599 ^b	--	0.0001 J ^a	0.02 U	0.002 U	0.0002 U	0.000036 J	0.004 U	0.01 U
5.48 ^b	--	0.003 U	0.55 ^b	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.001 U	0.004 U	0.01 U
--	--	0.003 U	0.552 ^b	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.000034 J	0.004 U	0.0246 U
--	--			--							
--	--	0.003 U	0.303 ^b	--	0.0002 U	0.0033 J	0.002 U	0.0002 U	0.00012 J	0.003 J	0.0205
11.7 ^b	--	0.003 U	0.367 ^b	--	0.0002 U	0.02 U	0.002 U	0.0002 U	0.001 U	0.004 U	0.0156
		0.014 X	3.6 X	3.6 X	0.0000013	0.165	0.005	0.0002 M	0.002 X	0.012	0.375
0.3 E	0.3 E	0.004	0.05 E	0.05 E	0.002 A	0.1 A	0.05 A	0.034	0.002 A	0.0045	2.4
		0.779	27.6	27.6	0.0028	2.97	0.12	0.0011	0.094	0.22	0.745

TABLE 4
NATURAL ATTENUATION SAMPLING PARAMETERS
2007 ANNUAL SAMPLING SUMMARY
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Groundwater Monitoring Wells				PCBs							Gas		
				Aroclor-1016 (PCB-1016)	Aroclor-1221 (PCB-1221)	Aroclor-1232 (PCB-1232)	Aroclor-1242 (PCB-1242)	Aroclor-1248 (PCB-1248)	Aroclor-1254 (PCB-1254)	Aroclor-1260 (PCB-1260)	Ethane	Ethene	Methane
Well ID	Top of Casing	Screen (ft BGS)	Sample Date	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
IW-9	716.4489746	11 - 16	03/09/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.29	--
			06/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.44	--	
			09/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0005 U	--	
			12/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.72	--	
IW-12	717.2780151	7 - 17	03/09/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	1.2	--
			06/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.62	--	
			09/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.49	--	
			12/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	1.2	--	
IW-33	717.815979	13 - 18	03/09/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	3.5	--
			06/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.84	--	
			09/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	1.4	--	
			12/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	1.9	--	
IW-41	717.4299927	6 - 16	03/08/2007	--	--	--	--	--	--	--	0.00079	0.48	0.019
			06/07/2007	--	--	--	--	--	--	--	0.00098	0.6	0.013
			09/05/2007	--	--	--	--	--	--	--	0.001 U	3	0.076
			12/04/2007	--	--	--	--	--	--	--	0.001 U	3.1	0.13
IW-44	717.2299805	12 - 17	03/08/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00065	0.048	0.07
			06/07/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00045 J	0.036	0.048
			09/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0019	0.26	0.17
			12/04/2007	--	--	--	--	--	--	--	0.0005 U	0.97	0.41 J
IW-45	716.8900146	7.5 - 17.5	03/08/2007	--	--	--	--	--	--	--	0.0005 U	0.00054	0.00099
			06/07/2007	--	--	--	--	--	--	--	0.0005 U	0.0019	0.0016
			09/05/2007	--	--	--	--	--	--	--	0.0005 U	0.0038	0.009
			12/04/2007	--	--	--	--	--	--	--	0.001	0.15	0.099
IW-46	714.8900146	12 - 17	03/08/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0011	--
			06/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.025	--
			09/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.02	--
			12/04/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.011	--
IW-55	714.6259766	6.5 - 16.5	03/15/2007	--	--	--	--	--	--	--	0.0005 U / 0.0005 U	0.0016 / 0.0017	0.0053 / 0.0056
			06/07/2007	--	--	--	--	--	--	--	0.00016 J	0.003	0.015
			09/05/2007	--	--	--	--	--	--	--	0.0005 U	0.004	0.02
			12/04/2007	--	--	--	--	--	--	--	0.0003 J	0.0057	0.029
GS-3	704.6099854	3-5	03/07/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.054	--
			06/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.071	--
			09/07/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.09	--
			12/07/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.13	--
GS-4	702.9299927	3-5	03/07/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.05	--
			06/06/2007	0.0001 UJ	0.0001 UJ	0.0001 UJ	0.0001 UJ	0.0001 UJ	0.0001 UJ	0.0001 UJ	--	0.055	--
			09/07/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.00045 J	--
			12/07/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.00024 J	--
GS-5	702.9899902	3-5	06/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000084 J	--	1.2	--
			09/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000059 J	--	1.3	--
			12/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00014	--	2.3	--
GS-6	703.5200195	2-6	03/12/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.033	--
			06/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.019	--
			09/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.055	--
			12/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0096	--
GS-7	682.4299927	3-8	03/12/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0005 U	--
			06/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0005 U	--
			09/07/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0005 U	--
			12/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0005 U	--
GS-8	706.4699707		03/08/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00028 J	0.064	0.023
			06/08/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00029 J	0.022	0.013
			09/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0005 U	0.015	0.0094
			12/06/2007	--	--	--	--	--	--	--	0.0005 U	0.014	0.014
MW-4	717.5100098	10-20	03/08/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0005 U	--
			06/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0005 U	--
			09/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0005 U	--
			12/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0005 U	--

TABLE 4
NATURAL ATTENUATION SAMPLING PARAMETERS
2007 ANNUAL SAMPLING SUMMARY
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Groundwater Monitoring Wells				PCBs							Gas		
				Aroclor-1016 (PCB-1016)	Aroclor-1221 (PCB-1221)	Aroclor-1232 (PCB-1232)	Aroclor-1242 (PCB-1242)	Aroclor-1248 (PCB-1248)	Aroclor-1254 (PCB-1254)	Aroclor-1260 (PCB-1260)	Ethane	Ethene	Methane
Well ID	Top of Casing	Screen (ft BGS)	Sample Date	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-6	714.8400269	10-20	03/08/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.039	--
			06/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.03	--	
			09/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.055	--	
			12/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.039	--	
MW-12	714.6599731	8-18	03/08/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0005 U	--
			06/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0005 U	--	
			09/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0005 U	--	
			12/04/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0005 U	--	
MW-14	714.1799927	8-18	03/08/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0005 U	--
			06/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0005 U	--	
			09/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0005 U	--	
			12/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0005 U	--	
MW18-07	716.8400269		03/09/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.00025 J	--
			06/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0005 U	--
			09/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0013	--
			12/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.003	--
MW-18-45	716.6500244		03/08/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00047 J	0.059	0.033
			06/07/2007	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.00049 J / 0.00041 J	0.045 / 0.046	0.032 / 0.031
			09/05/2007	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.00094 / 0.00097	0.18 / 0.17	0.14 / 0.13
			12/05/2007	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.00094 / 0.00091	0.22 / 0.25	0.16 / 0.15
MW19-01	716.3699951	8-18	03/08/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.00029 J	--
			06/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.00022 J	--
			09/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0011	--
			12/05/2007	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	--	0.0034 / 0.0043	--
MW19-02	716.1500244	9-19	03/09/2007	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	--	0.14 / 0.093	--
			06/06/2007	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	--	0.045 / 0.042	--
			09/07/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.12	--
			12/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.12	--
MW19-03	714.4400024	7-17	03/09/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0037	--
			06/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0021	--
			09/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0051	--
			12/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.0079	--
MW19-07	715.7199707	7-17	03/08/2007	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	--	0.22	--
			06/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.12	--
			09/06/2007	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	0.0001 U / 0.0001 U	--	0.14 / 0.15	--
			12/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.35	--
MW19-12	715.289978		03/07/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000069 J	0.0001 U	--	0.36	--
			06/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	0.6	--
			09/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000091 J	--	0.33	--
			12/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000067 J	--	1.9	--	
MW19-24	716.6400146	8-18	03/09/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	6.1	--
			06/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	2.5	--
			09/06/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000086 J	--	2.3	--
			12/05/2007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	1.8	--
CRITERIA*													
Residential Drinking Water				0.0002 M	0.0002 M	0.0002 M	0.0002 M	0.0002 M	0.0002 M	0.0002 M			ID
Groundwater Surface Water Interface				0.0005 A	0.0005 A	0.0005 A	0.0005 A	0.0005 A	0.0005 A	0.0005 A			ID
Final Acute Value				ID	ID	ID	ID	ID	ID	ID			

Notes: Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the NREPA (1994 PA 451, as amended).
Bolded values indicate a detection
a Residential Drinking Water
b Groundwater Surface Water Interface
c Final Acute Value
A Criterion is the state of Michigan drinking water standard established pursuant to Section 5 of 1976 pa 399, mcl 325.1005.
ID Inadequate data to develop criterion.
J Estimated concentration
M Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.
U Not present at or above the associated value
UJ Estimated reporting limit

TABLE 5
NATURAL ATTENUATION SAMPLING PARAMETERS
2007 ANNUAL SAMPLING SUMMARY
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Groundwater Monitoring Wells				General Chemistry															
				Aerobic DCE/VC Specific Microbial Population	Aerobic Total Microbial Population	Alkalinity, Bicarbonate	Alkalinity, Carbonate	Alkalinity, Total (As CaCO3)	Ammonia	Anaerobic TCE Specific Microbial Population	Anaerobic Total Microbial Population	Biochemical Oxygen Demand (BOD)	Chemical Oxygen Demand (COD)	Nitrate (as N)	Nitrite (as N)	Phosphorus	Sulfate	Sulfide (Acid Soluble)	Total Organic Carbon (TOC)
Well ID	Top of Casing	Screen (ft BGS)	Sample Date	cfu/mL	cfu/mL	mg/L	mg/L	mg/L	mg/L	cfu/mL	cfu/mL	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
IW-41	717.43	6 - 16	03/08/2007	--	--	500	5.0 U	500	5.6	--	--	13	100	0.84	0.70	0.1 U	72.8	1.0 U	24
			03/12/2007	1.15E+02	1.55E+02	--	--	--	--	3.00E+01	4.88E+03	--	--	--	--	--	--	--	--
			04/20/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/07/2007	--	--	460	5.2	470	4.3	--	--	18	96 J	1.7	0.043 J	0.1 U	62.0 J	3.1	23
			09/05/2007	--	--	--	--	--	2.5	--	--	--	250	--	--	0.1 U	--	0.86 J	63
IW-44	717.23	12 - 17	09/06/2007	--	--	400	5.0 U	400	--	--	--	82	--	0.10 U	0.10 UJ	--	7.4	--	--
			12/04/2007	1.5E+01	7.00E+01	440	5.0 U	440	3.0	5.50E+01	1.66E+03	19	120	0.10 U	0.10 U	0.03 J	50.5	0.90 J	22
			03/08/2007	--	--	570	5.0 U	570	2.6	--	--	2 U	100	0.10 U	0.89	0.1 U	123	1.0 U	15
			03/12/2007	2.60E+02	7.90E+02	--	--	--	--	4.50E+01	2.05E+02	--	--	--	--	--	--	--	--
			06/07/2007	--	--	530	5.8	540	1.3	--	--	2 U	88 J	0.10 U	0.10 U	0.05 J	168 J	1.0 U	9
			09/05/2007	--	--	--	--	--	1.1	--	--	--	120	--	--	0.1 U	--	2.9	12
			09/06/2007	--	--	360	10 J	370	--	--	--	2 U	--	0.10 U	0.10 UJ	--	31.1	--	--
			12/04/2007	1.00E+01	2.08E+04	490	5.0 U	490	1.2	2.60E+02	3.04E+04	27	110	0.10 U	0.10 UJ	0.1 U	22.3	4.4	23
			03/08/2007	--	--	590	5.0 U	590	1.3	--	--	2 U	200	1.2	0.76	0.1 U	380 ^b	1.0 U	72
			03/12/2007	8.00E+01	1.30E+02	--	--	--	--	1.50E+01	3.50E+01	--	--	--	--	--	--	--	--
IW-45	716.89	7.5 - 17.5	06/07/2007	--	--	550	5.8	550	1.3	--	--	2 U	130 J	4.5	0.029 J	0.1 U	246 J	2.0	37
			09/05/2007	--	--	560	9.0 U	570	1.8	--	--	2 U	100	0.10	0.10 U	0.7	173	1.0 U	27
			12/04/2007	4.00E+01	4.00E+01	450	5.0 U	450	1.3	1.00E+02	7.90E+03	2 U	130	0.10 U	0.10 U	0.1 U	89.3	0.90 J	16
			03/15/2007	4.15E+02	5.45E+04	380 / 380	5.0 U / 5.0 U	380 / 380	0.4 J / 0.1 J	1.50E+01	3.34E+04	11 / 9	100 / 110	0.060 J / 0.040 J	0.66 J / 1.2 J ^b	0.1 / 0.1	126 / 129	1.0 U / 1.0 U	27 / 28
			06/07/2007	--	--	500	5.6	500	0.5	--	--	2 U	96 J	0.034 J	0.10 U	0.2	158 J	1.0 U	22
GS-8	706.47	1.5-6.5	09/05/2007	--	--	510	5.0 U	510	0.4 U	--	--	2 U	56	0.10 U	0.10 U	0.2	174	2.0	14
			12/04/2007	4.00E+01	1.79E+03	500	5.0 U	500	0.2 U	8.00E+01	1.17E+04	2 U	33	0.10 U	0.10 U	0.1	190	1.0 U	9
			03/08/2007	--	--	480	5.0 U	480	0.6	--	--	2	85	0.10 U	0.93	0.1 U	184	1.0 U	15
			03/12/2007	9.50E+01	8.90E+02	--	--	--	--	1.10E+02	4.84E+03	--	--	--	--	--	--	--	--
			06/08/2007	--	--	420	7.8	420	0.9	--	--	4	130 J	0.10 UJ	0.10 U	0.1 U	154	2.8	23
MW-18-45	716.65	6.5-16	09/06/2007	--	--	480	5.0 U	480	1.7	--	--	2 U	110	0.10 U	0.10 UJ	0.03 J	134	1.0 U	18
			12/06/2007	3.95E+02	5.52E+03	560	5.0 U	560	2.0	2.15E+03	5.54E+03	2 U	96	0.10 U	0.10 U	0.04 J	165	1.0 U	--
			03/08/2007	--	--	540	5.0 U	540	2.1	--	--	2 U	140	0.10 U	0.75	0.1 U	166	1.3	24
			03/12/2007	5.50E+01	9.50E+01	--	--	--	--	0 U	1.15E+02	--	--	--	--	--	--	--	--
			06/07/2007	--	--	430 / 430	7.3 / 5.2	440 / 440	1.1 / 1.2	--	--	2 U / 2 U	170 J / 150 J	0.10 U / 0.10 U	0.10 U / 0.10 U	0.1 U / 0.1 U	163 J / 159 J	1.0 U / 1.0 U	28 / 28
			09/05/2007	--	--	520 / 530	9.0 U / 5.0 U	530 / 530	2.0 / 2.3	--	--	2 U / 2 U	120 / 120	0.10 U / 0.10 U	0.10 U / 0.10 U	0.1 U / 0.1 U	130 / 130	1.3 / 0.70 J	20 / 20
			12/05/2007	No Growth	1.50E+01	500 J / 230 J	730 J / 5.0 UJ	960 J / 500 J	1.7 / 1.6	No Growth	1.00E+01	2 U / 2 U	160 / 140	0.10 U / 0.10 U	0.10 U / 0.10 U	0.1 U / 0.1 U	97.8 / 98.1	2.0 U / 2.0 U	--
CRITERIA																			
Groundwater Surface Water Interface																			
Residential Drinking Water																			
Final Acute Value																			
				CC															
				N															
				10 A,N															
				1 A,N															
				250 E															

Notes: Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the NREPA (1994 PA 451, as amended).

Bolded values indicate a detection

a Residential Drinking Water

b Groundwater Surface Water Interface

c Final Acute Value

A Criterion is the state of Michigan drinking water standard established pursuant to Section 5 of 1976 pa 399, mcl 325.1005.

CC The generic GSI criteria are based on the toxicity of unionized ammonia (NH3); the criteria are 29 ug/L and 53 ug/L for cold water and warm water surface water, respectively.

E Criterion is the aesthetic drinking water value.

N The concentrations of all potential sources of nitrate-nitrogen (e.g., ammonia-N, nitrite-N, nitrate-N) in groundwater that is used as a source of drinking water shall not, when added together, exceed the nitrate drinking water criterion of 10,000 ug/L.

J Estimated concentration

U Not present at or above the associated value

UJ Estimated reporting limit

TABLE 6
NATURAL ATTENUATION SAMPLING PARAMETERS
2007 ANNUAL SAMPLING SUMMARY
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Groundwater Monitoring Wells				Field Parameters						Turbidity (Field) NTU
Well ID	Top of Casing	Screen (ft BGS)	Sample Date	Conductivity Field ms/cm	Dissolved Oxygen, Field mg/L	ORP, Field millivolts	pH Field s.u.	Temperature Deg C	Temperature, Ambient Deg F	
IW-9	716.45	11 - 16	03/09/2007	2.31	0.94	21	7.05	8.63	35	4.61
			06/05/2007	2.39	0.25	-41	6.64	12.48	55	1.58
			09/06/2007	2.308	0	-233	6.87	18.85	75	3.63
			12/06/2007	2.061	1.75	-66	6.94	14.33	--	1.76
IW-12	717.28	7 - 17	03/09/2007	2.81	0.23	2	6.82	10.62	35	2.01
			06/05/2007	3	0.25	-30	6.9	12.49	55	0.98
			09/06/2007	3.204	0	-162	6.5	19.12	75	3.99
			12/06/2007	2.962	0.86	-31	6.55	13.83	--	0.89
IW-33	717.82	13 - 18	03/09/2007	5.96	0.16	-77	6.6	11.47	35	2.08
			06/05/2007	6.44	0.16	-74	6.73	14.39	55	4.51
			09/06/2007	6.358	0.08	-183	6.54	20.63	75	3.02
			12/06/2007	5.325	0.04	-34	6.58	16.76	--	3.26
IW-41	717.43	6 - 16	03/08/2007	1.476	1.54	-19	6.84	7.51	35	4.82
			04/20/2007	1.593	0.39	-22.7	6.72	11.59	70	1.25
			09/05/2007	2.562	0	-82	6.72	19.65	78	1.55
			12/04/2007	2.288	1.15	-331	6.72	12.17	--	0
IW-44	717.23	12 - 17	03/08/2007	1.992	1.53	79	6.83	8.88	20	4.17
			09/05/2007	2.806	0	205	6.86	17.86	78	4.4
			12/04/2007	2.309	0.02	-398	6.74	13.11	--	0.6
			03/08/2007	1.704	2.89	171	6.9	10.43	20	4.01
IW-45	716.89	7.5 - 17.5	09/05/2007	1.76	0.18	-119	6.77	16.31	78	0.93
			12/04/2007	2.119	0.97	-235	6.85	10.34	--	0
IW-46	714.89	12 - 17	03/08/2007	0.334	7.42	86	6.11 ^{ab}	9.03	30	3.18
			06/05/2007	1.55	0.17	65	6.94	13.29	55	4.61
			09/05/2007	3.391	0.03	-19	6.73	20.6	78	4.82
			12/04/2007	0.875	0.24	-50	6.86	11.82	--	4.57
IW-55	714.63	6.5 - 16.5	03/15/2007	1.666 / 1.666	0.88 / 0.88	-65/-65	7.1/7.1	9.73 / 9.73	35 / 35	7.27 / 7.27
			09/05/2007	2.27	0.14	-134	6.97	20.76	78	2.92
			12/04/2007	2.553	0.24	-89	6.98	13.94	--	2.34
GS-3	704.61	3-5	03/07/2007	2.79	0.65	82	6.7	3.14	25	12.1
			06/06/2007	2.7	0.35	-55	7.63	17.1	65	4.7
			09/07/2007	2.592	2.06	-69	7.09	23.54	75	4.8
			12/07/2007	2.813	2.71	-21	7.19	5.46	--	2.85
GS-4	702.93	3-5	03/07/2007	2.11	0.33	77	6.41 ^{ab}	1.62	25	3.99
			06/06/2007	2.12	0.28	111	6.62	17.7	65	3.04
			09/07/2007	3.069	0.13	-77	6.63	21	75	4.95
			12/07/2007	2.564	0.4	-332	6.83	3.48	--	1.95
GS-5	702.99	3-5	06/05/2007	2.82	0.34	-118	6.66	15.2	55	4.79
			09/06/2007	2.845	0.97	-97	6.75	21.79	75	4.01
			12/06/2007	2.998	10.02	-163	6.83	3.73	--	22.33
GS-6	703.52	2-6	03/12/2007	1.47	0.45	119	6.38 ^{ab}	4.31	45	4.66
			06/05/2007	3.17	0.18	-64	6.81	16.45	55	4.63
			09/05/2007	3.105	0.01	-37	6.92	23.05	78	1.01
			12/05/2007	2.89	0.2	-26	7.3	3.27	--	1.51
GS-7	682.43	3-8	03/12/2007	2.94	0.41	116	6.5	3.18	45	4.61
			06/06/2007	2.61	1.44	-141	6.59	10.87	65	3.87
			09/07/2007	2.846	0.07	-157	6.87	17.16	75	4.91
			12/06/2007	3.046	0.11	-85	6.8	9.02	--	1.6
GS-8	706.47	1.5-6.5	03/08/2007	1.789	1.32	30	6.91	3.11	20	14
			09/06/2007	2.407	2.33	160	6.93	18.13	75	27.07
			06/07/2007	2.110	0.14	29	6.77	18.11	85	52.3
			12/06/2007	2.476	8.99	-122	6.96	6.6	--	149.1
MW-4	717.51	10-20	03/08/2007	9.8	0.2	2.46	7.05	10.89	32	1.39
			06/06/2007	1.003	0.19	-6	6.81	13.93	65	4.88
			09/06/2007	9.131	0	-280	6.97	18.63	75	4.68
MW-6	714.84	10-20	12/06/2007	7.792	1.51	-378	6.89	13.46	--	1.31
			03/08/2007	2.74	0.06	65	6.9	10.31	35	4.69
			06/05/2007	2.74	0.17	-70	7.16	14.16	55	4.35
			09/05/2007	2.56	0	-73	6.78	21.37	78	2.94
MW-12	714.66	8-18	12/06/2007	2.488	0.83	-336	6.79	12.14	--	0.29
			03/08/2007	1.057	1.91	136	7.26	10.04	30	0.62
			06/05/2007	1.252	0.95	84	6.95	14.94	55	2.55
			09/05/2007	1.231	0.24	31	7.05	20.29	78	2.65
MW-14	714.18	8-18	12/04/2007	0.96	0.66	-34	7.3	12.93	--	1.77
			03/08/2007	0.711	2.19	141	7.34	10.23	30	2.83
			06/05/2007	0.755	3.41	95	7.24	14.18	55	4.41
			09/06/2007	0.724	2.23	171	7.07	19.64	75	1.19
MW18-07	716.84	9.5-19.5	12/05/2007	0.7044	1.68	-155	7.13	14.85	--	0
			03/09/2007	3.83	0.09	76	6.88	9.84	35	4.16
			06/05/2007	3.12	0.19	112	6.99	11.95	55	4.91
			09/05/2007	3.505	0	-78	6.85	19.91	78	4.81
MW-18-45	716.65	6.5-16	12/05/2007	3.163	0.7	-61	6.87	10.1	--	4.69
			03/08/2007	1.814	1.73	-6	6.84	8.36	20	4.71
			09/05/2007	2.265	0	-198	6.8	17.34	78	4.42
MW19-01	716.37	8-18	12/05/2007	1.897 / 1.897	0.33 / 0.33	-259/-259	6.76/6.76	9.32 / 9.32	--	3.3 / 3.3
			03/08/2007	3.29	2.32	332	7.24	9.07	32	3
			06/06/2007	3.04	1.94	-41	7.38	13.19	65	0.24
			09/06/2007	3.133	2	-211	7.05	20.5	75	2.33
MW19-02	716.15	9-19	12/05/2007	3.965 / 3.965	0.78 / 0.78	-53/-53	6.9/6.9	13.9 / 13.9	--	1.49 / 1.49
			03/09/2007	2.34 / 2.34	0.41 / 0.41	86/86	6.67/6.67	10.1 / 10.1	40 / 40	1.99 / 1.99
			06/06/2007	1.5 / 1.5	2.45 / 2.45	-60/-60	7.31/7.31	12.09 / 12.09	65 / 65	1.37 / 1.37
			09/07/2007	2.032	0.01	-78	7.08	18.87	75	4.68
MW19-03	714.44	7-17	12/05/2007	2.283	0.58	-56	7.08	15.2	--	0.63
			03/09/2007	1.7	0.31	92	6.62	9.81	40	0.97
			06/05/2007	1.257	0.16	110	6.95	13.26	55	0.59
			09/06/2007	1.625	0.14	-35	6.96	19.98	75	1.72
MW19-07	715.72	7-17	12/05/2007	1.433	0.09	-314	6.97	13.94	--	0.32
			03/08/2007	2.61	1.44	215	7.05	9.81	35	0.73
			06/05/2007	2.08	2.99	-75	7.41	13.6	55	1.22
			09/06/2007	2.435 / 2.435	1.04 / 1.04	-67/-67	6.97/6.97	20.93 / 20.93	75 / 75	1.22 / 1.22
			12/05/2007	2.591	0.18	-46	6.94	15.22	--	0.25

TABLE 6
NATURAL ATTENUATION SAMPLING PARAMETERS
2007 ANNUAL SAMPLING SUMMARY
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Groundwater Monitoring Wells				Field Parameters						
Well ID	Top of Casing	Screen (ft BGS)	Sample Date	Conductivity Field ms/cm	Dissolved Oxygen, Field mg/L	ORP, Field millivolts	pH Field s.u.	Temperature Deg C	Temperature, Ambient Deg F	Turbidity (Field) NTU
MW19-12	715.29	7-17	03/07/2007	1.96	0.34	67	6.71	9.88	25	3.69
			06/06/2007	1.94	0.18	-106	7.24	13.48	65	0.75
			09/06/2007	1.823	0.02	-137	7.03	19.44	75	2.11
			12/06/2007	2.172	0.03	-87	6.91	11.48	--	0.2
MW19-24	716.64	8-18	03/09/2007	4.09	0.31	78	6.42 ^{ab}	9.84	40	4.27
			06/06/2007	3.24	0.88	125	6.77	12.86	65	1.15
			09/06/2007	3.274	0.38	-91	6.81	19.32	75	3.72
			12/05/2007	3.27	0.6	-57	7.07	15.28	--	1.71
<u>CRITERIA</u>										
Groundwater Surface Water Interface							6.5 - 9.0			
Residential Drinking Water							6.5 - 9.0 E			

Notes: Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the NREPA (1994 PA 451, as amended).
a Residential Drinking Water
b Groundwater Surface Water Interface
E Criterion is the aesthetic drinking water value.

TABLE 7
NATURAL ATTENUATION SAMPLING PARAMETERS
2007 ANNUAL SAMPLING SUMMARY
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

<i>Analysis</i>	<i>Concentration</i>	<i>Interpretation</i>
Oxygen	<0.5 mg/L	Tolerated, suppresses the reductive pathway at higher concentrations
Oxygen	>5 mg/L	Not tolerated; however, VC maybe oxidized aerobically
Iron II	>1 mg/L	Reductive pathway possible; VC maybe oxidized under Fe(III) reducing conditions
Sulfate	<20 mg/L	At higher concentrations may compete with reductive pathway
Sulfide	>1 mg/L	Reductive pathway possible
ORP	<50 mV <-100 mV	Reductive pathway possible Reductive pathway likely
pH	5<pH<9 5>pH>9	Optimal range for reductive pathway Outside optimal range for reductive pathway
TOC	>20 mg/L	Carbon and energy source; drives dechlorination; can be natural or anthropogenic
Temperature	>20°C	At >20°C biochemical process is accelerated
Alkalinity	2x Background	Results from interaction between CO ₂ and aquifer minerals
TCE	Released material	Material released
DCE	Daughter product	Daughter product of TCE If cis is >80% of total DCE it is likely a daughter product
VC	Daughter product	Daughter Product of DCE
Ethene	End product	Daughter product of VC
Adapted from "Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Groundwater" EPA, September 1998 - Table 2.3		

TABLE 8
NATURAL ATTENUATION SAMPLING PARAMETERS
2007 ANNUAL SAMPLING SUMMARY
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

<i>CVO Sampling Schedule 2008</i>				
Monitoring Well	Quarterly	Semi-Annually	Annually	Monitoring Reason
GS-3	A, C	--	B, D	GSI Location/NOM Reporting
GS-4	A, C	--	B, D	GSI Location/NOM Reporting
MW19-12	--	A, B, C, D	--	Sentinel Well
IW-9	--	A	B, C, D	PAOC 23 KMnO ₄ Inj. Evaluation
IW-12	--	A	B, C, D	PAOC 23 KMnO ₄ Inj. Evaluation
IW-33	--	A	B, C, D	PAOC 23 KMnO ₄ Inj. Evaluation
MW19-07	--	A, B, C, D	--	Sentinel Well
MW-4	--	A, D	B, C	Property Boundary/NOM Reporting
MW19-01	--	A, D	B, C	Property Boundary/NOM Reporting
MW19-02	A, D	--	B, C	Property Boundary/NOM Reporting
MW19-03	--	A, D	B, C	Property Boundary/NOM Reporting
MW19-24	A, D	--	B, C	Property Boundary/NOM Reporting
MW-14	--	A, D	B, C	Property Boundary/NOM Reporting
GS-6	A	B, C, D	--	GSI Location/NOM Reporting
MW18-07	A	B, C, D	--	Sentinel Well
IW-46	--	B, C, D	--	KMnO ₄ Inj. Evaluation
MW-6	--	A, B, C, D	--	PAOC 18 Contamination Migration
MW-12	--	A, B, C, D	--	PAOC 18 Contamination Migration
GS-7	--	A, B, C	--	Effects from Fons Landfill
IW-41	As set out by MDEQ			Natural Attenuation Evaluation
IW-44	As set out by MDEQ			Natural Attenuation Evaluation
IW-45	As set out by MDEQ			Natural Attenuation Evaluation
IW-55	As set out by MDEQ			Natural Attenuation Evaluation
MW18-45	As set out by MDEQ			Natural Attenuation Evaluation
GS-8	As set out by MDEQ			Natural Attenuation Evaluation
Key				
A	TCL VOCs			
B	Site TAL Metals			
C	PCBs			
D	Ethene			