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Transmitted Via Facsimile and FedEx

October 14, 2005

Mr. Allan Brouillet
Environmental Response Division
Michigan Department of Environmental Quality
Saginaw Bay District
503 North Euclid Street
Bay City, MI 48706

Re: Annual Progress Report – October 2004 through September 2005
General Motors Corporation Saginaw Malleable Iron Plant Property and
REALM, Inc. Green Point Landfill and Drum Remediation Area
Saginaw, Michigan
BBL Project #: 0276 276.08 #2.04

Dear Mr. Brouillet:

This progress report presents a summary of the work activities conducted during the period of October 2004 through September 2005 for the above-referenced site, and a summary of the work activities anticipated for the following 12 months. This report was prepared in accordance with the requirements specified in the Consent Judgment executed between the Michigan Department of Environmental Quality (MDEQ), the Michigan Attorney General's Office, General Motors Corporation (GM), and Waste Management Inc. (WMI), that was entered by the State of Michigan Circuit Court on March 16, 1998. An October 15 submittal date for the annual reports was established by the MDEQ in a letter dated October 22, 1999 (Brouillet, A., October 1999).

Significant RI/FS Activities and Correspondence

The following is a summary of the significant Remedial Investigation/Feasibility Study (RI/FS) activities and correspondence completed during the period from October 1, 2004 through September 30, 2005.

Deliverables Submitted

All deliverables have been submitted to the MDEQ on or before the deliverable due dates specified in the MDEQ-approved October 1997 *RI/FS Work Plan* (schedule tables revised January 1998).

- The annual report for October 2003 through September 2004 was submitted to the MDEQ on October 14, 2004 (BBL, October 2004).
- Monthly reports have been transmitted to the MDEQ on or before the 15th of each month, as specified in the RI/FS Work Plan (see references).
- Semi-annual monitoring reports for the underground storage tank (UST) #7 area, dated May 24, 2005

and November 23, 2004, were submitted to the MDEQ.

- The *Environmental Monitoring Program Annual Report* for the Green Point Landfill, dated January 14, 2005, was submitted to the MDEQ.

- The revised Remedial Action Plan (RAP), dated September 23, 2005, was submitted to the MDEQ.

- A report titled *Summary of Interim Response Activities Associated with East/West Ditch Filling and Removal of Manganese Impacted Soil in Saginaw River Berm, GMPT SMI, September 23, 2005* (Conestoga-Rovers & Associates, September 2005), was included as Appendix F of the RAP.

Meetings

- A meeting was held at the SMI Plant on February 10, 2005, between representatives of the MDEQ, GM, and WMI to discuss the MDEQ's comments on the draft Remedial Action Plan (RAP). Progress was made in resolving some of the issues raised by the MDEQ; however, it was agreed that a second meeting should be held, with the MDEQ's ecological expert present, to allow the remainder of the comments to be addressed.

- A second meeting was held on May 19, 2005, between representatives of the MDEQ and MDEQ's ecological contractor, GM, and WMI, to further discuss MDEQ's comments on the draft RAP, in particular the ecological comments. These issues were resolved in this meeting. It was agreed that the previously established due date for the revised RAP of June 22, 2005, would be revised to accommodate revision of the draft document and MDEQ review of the draft Summary Operation, Maintenance, and Monitoring Plan (Appendix A of the June 17, 2004 draft RAP).

Key Correspondence and Communications

- A letter dated December 7, 2004, was sent from Brenda Brouillet (MDEQ) to Cheryl Hiatt (GM), which provided comments on the June 2004 Draft Remedial Action Plan (RAP) prepared for the Site. Attached to the letter was a memo from MDEQ's ecological contractor, Hector Galbraith (GES), to Allan Brouillet and Sue Kaelber-Matlock (MDEQ), which provided comments on the January 2003 Ecological Assessment.

- A letter dated January 6, 2005, was sent from Lisa Coffey (BBL; on behalf of GM and WMI) to Sue Kaelber-Matlock (MDEQ) to document their January 5, 2005 telephone conversation regarding the schedule for submittal of the revised Site RAP, and requesting confirmation of the MDEQ's agreement to postpone discussions of the RAP schedule until after a project meeting. This letter was prompted by the following statement that was contained in a December 7, 2004 letter from Brenda Brouillet (MDEQ) to Cheryl Hiatt (GM): "Therefore, the DEQ recommends that an approvable Draft RAP be submitted to this office on or before April 22, 2005, and requests that the Liable Party Group provide formal notification of its concurrence with this schedule data to this office on or before January 7, 2005."

- A letter dated January 12, 2005, was sent from Lisa Coffey (BBL; on behalf of GM and WMI) to Susan Kaelber-Matlock (MDEQ), which transmitted the results of an oil fingerprinting analysis done on samples from various areas of the SMI light non-aqueous phase liquid (LNAPL) area south of the plant building and the adjacent Delphi property.

- An email dated January 28, 2005, was sent from Allan Brouillet (MDEQ) to Lisa Coffey (BBL),

which confirmed the MDEQ's agreement that the submittal date for the revised RAP would be discussed following a February 2005 technical meeting.

- A letter dated February 15, 2005 was sent to Ms. Cheryl Hiatt (GM) by Mr. Allan Brouillet (MDEQ), which discussed the February 10, 2005 meeting between representatives of the MDEQ, GM, and WMI. The letter also indicated that the proposed submittal date of the revised draft RAP would be extended until June 22, 2005, and that the date could be revised again with the mutual agreement of MDEQ, GM, and WMI.

- On June 14, 2005, Susan Kaelber-Matlock (MDEQ) forwarded by email to Cheryl Hiatt (GM), an example of the type of contingency language that she would like to see included in the Remedial Action Plan.

- On June 17, 2005, Allan Brouillet (MDEQ) sent an email to Cheryl Hiatt (GM) that extended the due date for re-submittal of the RAP to September 23, 2005.

- On June 23, 2005, Susan Kaelber-Matlock (MDEQ) sent an email to Cheryl Hiatt (GM) that provided several general comments on the Operation, Maintenance, and Monitoring Plan that was included as Appendix A of the draft RAP (BBL, June 17, 2004).

- A letter dated September 26, 2005 was sent to Cheryl Hiatt (GM) by Allan Brouillet (MDEQ) that indicated that the RAP had been received in compliance with the Consent Judgment and requesting a time period of six months for MDEQ review of the revised RAP.

Supplemental RI/FS Sampling Activities

Former Underground Storage Tank (UST) #7 Area

- Groundwater samples were collected from eight monitoring wells in the former UST #7 area in February 2005, and again in August 2005. The samples were collected as part of an ongoing monitored natural attenuation program, and were shipped to STL Laboratories in North Canton, Ohio, to be analyzed for benzene, toluene, ethylbenzene, xylene, sulfate, and dissolved lead. Table 1 presents an updated summary of the analytical data collected in the UST #7 area.

Saginaw River Berm Area

- Groundwater samples were collected from six monitoring wells (B-7R, MW-110WTR, MW-114WT, MW-185WT, MW-112WT, and MW-111WT) located along the Saginaw River for PCB analysis in August 2005. Groundwater samples were also collected during this sampling event at five monitoring wells located along the Saginaw River for analysis of select inorganic constituents. Specifically, the following samples were collected for inorganic analyses: MW-112WT (thallium) and MW-111WT (manganese). Monitoring wells X-4AR (to be sampled for thallium) and MW-108WT (to be sampled for thallium) were both dry and could not be sampled. One well, MW-149WT (to be sampled for arsenic, manganese, and thallium), was associated with persistent high turbidity readings and will be purged for an additional period of time and sampled along with X-4AR and MW-108WT when groundwater levels rise. The analytical data are provided in Table 2.

- An area of elevated manganese in soil was removed in October 2004 and placed in the bottom of the east west ditch as part of the backfill discussed below.

- The drainage channel oriented east-west that is located at the north end of the SMI property was filled in during October 2004. A wetland area was established at the western end of the channel, and topsoil was placed within the remainder of the former channel area, and grass seed was planted.

Quench Pit LNAPL Recovery Program

- The automated skimmer pump that was installed in the Quench Pit Area (monitoring well QPTW-3) operated during the majority of the October 2003 through September 2004 time period, recovering approximately 290 gallons of LNAPL during the year. Since the system was installed on February 8, 2002, a total of approximately 1,700 gallons of LNAPL have been recovered by the system through the end of September 2005.

LNAPL Recovery System

- The LNAPL recovery system operated during the majority of the October 2004 through September 2005 time period, recovering a total of approximately 115 gallons of LNAPL.

The cumulative oil recovery and groundwater treatment statistics are as follows:

Operation	Approximate Volume of Oil Recovered (Gallons)[1]	Approximate Volume of Groundwater Treated (Gallons)
LNAPL System Total through September 28, 2005	3,564	2,498,321
Total Hand Bailed – July 2002 through February 2003	21	0
Water/LNAPL Pumped from Reverse Siphon of 42-inch Sewer Line – Total through May 6, 2002	30+	450
Total hand bailed in 1996 and 1997	710	0
Repair of 42-inch Storm Sewer Line (recovery from abandoned 30-inch line)	5,000+	Specific amount unknown
Repair (slip lining) of 42-inch storm sewer line	approximately 3,000+	Specific amount unknown
Totals:	12,325+	2,498,771

Note: [1] This total includes some water that is drawn into the LNAPL recovery lines when the water table fluctuates rapidly, and water that was included in an LNAPL/water mixture recovered during repair of the 42-inch storm sewer line.

- Groundwater and LNAPL elevation measurements are made on a monthly basis in the vicinity of the LNAPL recovery system to monitor LNAPL distribution during system operation. Table 3 includes the LNAPL and groundwater measurement data.

Green Point Landfill

- Post-closure inspections of the Green Point Landfill cap were completed on December 9, 2004, April 29, 2005 and July 29, 2005. The Post-Closure Cap Inspection Forms were submitted with the corresponding monthly reports.

- The Annual Environmental Monitoring Report for the Green Point Landfill, which presents the results of the annual groundwater monitoring event, was submitted to the MDEQ in October 2004.

- The Green Point Landfill was inspected by Steve Alworden of the Saginaw County Health Department on June 15, 2005. Cheryl Hiatt, Jennifer Tegen, and Renee Mietz of GM accompanied Mr. Alworden during the inspection.

- The annual Green Point Landfill groundwater-sampling event was completed the week of June 20-23, 2005, and the data are included in Tables 4 and 5.

Former Railyard Area

- Ten surface soil samples were collected from the former Railyard Area on August 19, 2005 to provide additional manganese analytical data for inclusion in the Site RAP. The data are shown in Table 6.

- Two surface soil samples were collected from within the former Railyard Area at previous sampling locations RS-2 and RS-3, to be analyzed for total and hexavalent chromium. These data were collected to determine the valence of chromium detected previously, and are shown in Table 6.

Anticipated Site Activities

The following activities are anticipated to be completed during the period from October 2005 through September 2006:

- Continued operation of the LNAPL Recovery/Groundwater Treatment System located south of the plant building.

- Continued use of the automated skimmer pump to remove LNAPL in the Quench Pit Area.

- Semi-annual groundwater sampling activities at the Former UST #7 Area.

- Annual groundwater sampling of select wells located along the Saginaw River perimeter, and additional contingency sampling as needed based on the analytical data.

- Preparation of the Environmental Monitoring Program Annual Report for the Green Point Landfill.

- Periodic inspections of the Green Point Landfill cap.

- Completion of the Annual 2006 Green Point Landfill Environmental Monitoring Program groundwater sampling event (tentatively scheduled for June 2006).

- Capping of the pipe discharging VOC-impacted water from an off-site source and implementation of a phytoremediation remedy in the area north of the former Drum Remediation Area Hillock Area.

- Following MDEQ approval, implementation of additional Operation, Maintenance, and Monitoring activities, as described in the revised RAP.

Please contact me if you have any questions regarding the enclosed.

Sincerely,

BLASLAND, BOUCK & LEE, INC.

Lisa R. Coffey, P.G.
Associate, Sr. Geologist

JAS/plf
Attachments

cc: Ms. Susan Kaelber-Matlock, MDEQ
John Fordell Leone, Esq., Assistant Attorney General
Ms. Cheryl Hiatt/Mr. Edward Peterson, GM WFG
Anthony Thrubis, Esq., GM Legal Staff
David Tripp, Esq., Dykema Gossett
Mr. Kent Bainbridge, Waste Management, Inc.
Ms. Jennifer Tegen/Ms. Dawn Cleary, GM SMI
Mr. Michael Gefell, P.G., Blasland, Bouck & Lee, Inc.

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TABLE 1
FORMER UST #7 AREA
CURRENT AND HISTORIC GROUNDWATER QUALITY DATA

GENERAL MOTORS CORPORATION
SAGINAW MALLEABLE IRON PLANT
SAGINAW, MICHIGAN

		Benzene	Ethylbenzene	Toluene	Total Xylenes	Lead	Sulfate (mg/L)
Industrial & Commercial II, III & IV Drinking Water Criteria*		5 {A,I}	74 {E,I}	790 {E,I}	280 {E,I}	4 {L}	250 {E}
Groundwater Contact Criteria*		11000 {I}	170,000 {I,S}	530,000 {I,S}	190,000 {I,S}	ID	ID
Residential Groundwater Volatilization to Air Inhalation Criteria*		5600 {I}	110,000 {I}	530,000 {I,S}	190,000 {I,S}	NLV	NLV
Industrial Groundwater Volatilization to Air Inhalation Criteria*		35000 {I}	170,000 {I,S}	530,000 {I,S}	190,000 {I,S}	NLV	NLV
Monitoring Well	**Date**						
BBL-MW1	6/96	**16**	**130**	25 U	210	3 U	5 U
	7/98	**13**	13	1 U	10	100 U	5 U
	10/98	**10**	30	2	45	3 U	2
	1/99	**26**	32	3	54	1 U	2
	4/99	**20**	30	20 U	50	1 U	3
	7/99	**27**	17	5	20	3 U	2
	10/99	**6**	3	1 U	2	3 U	1 U
	1/00	**4 (5)**	5 (5)	1 U (1 U)	5 (5)	3 U (3 U)	1 U (1 U)
	5/00	**8.1**	10	0.77 J	15	**10**	25.1
	8/00	3 (1 U)	2 (1 U)	1 U (1 U)	2 (1 U)	3 U (3 U)	6 (6)
	10/00	**17**	22	2	36	3 U	1 U
	3/01	**14 (15)**	12 (13)	1 (1)	15 (17)	3 U (3 U)	1 U (1 U)
	5/01	**14**	9	1 U	9	1 U	5 U
	8/01	**18(18)**	13(13)	1 U	15(15)	3(3)	2(2)
	2/02	**53**	25	3	28	3 U	21
	8/02	**6 (7)**	2 (2)	1 U (1 U)	2 (2)	1 U (1U)	5 (4)
	3/03	**23**	4	2	3	1 U	16
	8/03	**23 (21)**	4 (4)	2 (2)	4 (4)	0.001 U (0.001 U)	5 U (5 U)
	2/04	**29 (29)**	13 (13)	1.5 J (1.5 J)	7.4 (7.3)	0.83 B (0.81 B)	8 (8)
	8/04	**33 (32)**	19 (20)	1.6 (1.7)	6.8 (7.5)	0.93 B (1.4 B,G)	5 U (5 U)
	2/05	**36**	27	2.5 U	11	1.1	5 U
	8/05	**37**	25	3.3 U	6.7 U	1.3	5 U
BBL-MW4	6/96	**12**	1 U	1 U	3 U	3 U	5U
	7/98	5 U	1 U	1 U	3 U	100 U	NA
	10/98	1 U	1 U	1 U	1 U	3 U	NA
	1/99	2	1 U	1 U	1 U	2	NA
	4/99	1	1 U	1 U	2 U	1 U	NA
	7/99	1 U	1 U	3	2 U	3 U	NA
	10/99	1 U	1 U	1 U	2 U	3 U	NA
	1/00	1 U	1 U	1 U	2 U	3 U	NA
	5/00	1.6	1 U	0.12 J	1 U	**5.1**	9.6 BG
	8/00	1 U	1 U	1 U	1 U	3 U	NA
	10/00	1	1 U	1 U	1 U	3 U	NA
	3/01	2	1 U	1 U	1 U	3 U	NA
	5/01	1 U (1U)	1 U (1 U)	1 U (1 U)	1 U (1 U)	1 U (1 U)	NA
	8/01	1 U	1 U	1 U	1 U	1 U	NA
	2/02	1 U	1 U	1 U	1 U	3 U	NA
	8/02	1 U	1 U	1 U	1 U	1 U	NA
	3/03	1 U	1 U	1 U	1 U	1 U	NA
	8/03	1 U	1 U	1 U	1 U	0.001 U	NA
	2/04	0.33 J	1 U	1 U	2 U	1 U	4 B
	8/04	0.25 J	1 U	1 U	1 U	1 U	3 B
	2/05	1 U	1 U	1 U	3 U	1 U	5 U
	8/05	1 U	1 U	1 U	2 U	1 U	5 U

See Notes on Page 5.

TABLE 1
FORMER UST #7 AREA
CURRENT AND HISTORIC GROUNDWATER QUALITY DATA

GENERAL MOTORS CORPORATION
SAGINAW MALLEABLE IRON PLANT
SAGINAW, MICHIGAN

		Benzene	Ethylbenzene	Toluene	Total Xylenes	Lead	Sulfate (mg/L)
Industrial & Commercial II, III & IV Drinking Water Criteria*		5 {A,I}	74 {E,I}	790 {E,I}	280 {E,I}	4 {L}	250 {E}
Groundwater Contact Criteria*		11000 {I}	170,000 {I,S}	530,000 {I,S}	190,000 {I,S}	ID	ID
Residential Groundwater Volatilization to Air Inhalation Criteria*		5600 {I}	110,000 {I}	530,000 {I,S}	190,000 {I,S}	NLV	NLV
Industrial Groundwater Volatilization to Air Inhalation Criteria*		35000 {I}	170,000 {I,S}	530,000 {I,S}	190,000 {I,S}	NLV	NLV
Monitoring Well	**Date**						
MW-135 WT	7/98	5 U	1 U	1 U	3 U	100 U	NA
	10/98	1	1 U	1 U	2 U	3 U	NA
	1/99	1 U	1 U	1 U	1 U	1 U	NA
	4/99	1 U	1 U	1 U	1 U	1 U	NA
	7/99	2	1 U	3	2 U	3 U	NA
	10/99	2	1 U	1 U	2 U	3 U	NA
	1/00	1 U	1 U	1 U	2 U	3 U	NA
	5/00	0.3 J	1 U	0.12 J	1 U	3 U	146
	8/00	1 U	1 U	1 U	1 U	3 U	NA
	10/00	1 U	1 U	1 U	1 U	3 U	NA
	3/01	1 U	1 U	1 U	1 U	3 U	NA
	5/01	1 U	1 U	1 U	1 U	1 U	NA
	8/01	1 U (1 U)	1 U (1 U)	1 U (1 U)	1 U (1 U)	1 U (1 U)	NA (NA)
	2/02	1 U	1 U	1 U	1 U	3 U	NA
	8/02	1 U	1 U	1 U	1 U	1 U	NA
	3/03	1 U	1 U	1 U	1 U	1 U	NA
	8/03	1 U	1 U	2 B	1 U	0.001 U	NA
	2/04	1 U	1 U	1 U	1 U	1 U	5 U
	8/04	1 U	1 U	1 U	2 U	1 U	5 U
	2/05	1 U	1 U	1 U	3 U	1 U	5 U
	8/05	1 U	1 U	1 U	2 U	1 U	5 U
MW-139 WT	6/96	5 U	1 U	1 U	3 U	3 U	132
	7/98	5 U	1 U	1 U	3 U	100 U	160
	10/98	1 U	1 U	1 U	2 U	3 U	168
	1/99	1 U	1 U	1 U	1 U	1 U	153
	4/99	1 U	1 U	1 U	2 U	1 U	158
	7/99	1 U	1 U	1 U	2 U	3 U	156
	10/99	1 U (1)	1 U (1 U)	1 U (1 U)	2 U (2 U)	3 U (3 U)	152 (155)
	1/00	1 U	1	1 U	7	3 U	162
	5/00	1 U	1 U	0.29 J	1 U	3 U	168
	8/00	1 U	1 U	1 U	1 U	3 U	170
	10/00	1 (1)	1 U (1 U)	1 U (1 U)	1 (1)	3 U (3 U)	159 (156)
	3/01	1 U	1 U	1 U	1 U	3 U	168
	5/01	1 U (1 U)	1 U (1 U)	1 U (1 U)	1 U (1 U)	1 U (1 U)	166 (167)
	8/01	1 U	1 U	1 U	1 U	1 U	170
	2/02	1 U (1 U)	1 U (1 U)	1 U (1 U)	1 U (1 U)	3 U (3 U)	163 (163)
	8/02	1 U	1 U	1 U	1 U	1 U	166
	3/03	1 U (1 U)	1 U (1 U)	1 U (1 U)	1 U (1 U)	1 U (1 U)	164 (165)
	8/03	1 U	1 U	2 B	1 B	0.001 U	170
	2/04	1 U	1 U	1 U	1 U	1 U	160
	8/04	1 U	1 U	0.19 J	2 U	1.2	150
	2/05	1 U	1 U	1 U	3 U	1 U	150
	8/05	1 U	1 U	1 U	2 U	1 U	160

See Notes on Page 5.

TABLE 1
FORMER UST #7 AREA
CURRENT AND HISTORIC GROUNDWATER QUALITY DATA

GENERAL MOTORS CORPORATION
SAGINAW MALLEABLE IRON PLANT
SAGINAW, MICHIGAN

		Benzene	Ethylbenzene	Toluene	Total Xylenes	Lead	Sulfate (mg/L)
Industrial & Commercial II, III & IV Drinking Water Criteria*		5 {A,I}	74 {E,I}	790 {E,I}	280 {E,I}	4 {L}	250 {E}
Groundwater Contact Criteria*		11000 {I}	170,000 {I,S}	530,000 {I,S}	190,000 {I,S}	ID	ID
Residential Groundwater Volatilization to Air Inhalation Criteria*		5600 {I}	110,000 {I}	530,000 {I,S}	190,000 {I,S}	NLV	NLV
Industrial Groundwater Volatilization to Air Inhalation Criteria*		35000 {I}	170,000 {I,S}	530,000 {I,S}	190,000 {I,S}	NLV	NLV
Monitoring Well	**Date**						
UST 7-2	6/94	**2,100**	100 U	**3,100**	**9,800**	1	NA
	6/96	**950**	**1,700**	120 U	**3,600**	**114**	5 U
	7/98	**6**	17	1 U	6	100 U	NA
	10/98	1 U	2	1 U	2 U	3 U	NA
	1/99	5	23	1 U	7	1 U	NA
	4/99	10 U	40	10 U	20	1 U	NA
	7/99	10 U	20	20	10	3 U	NA
	10/99	**10 (10 U)**	20 (20)	10 U (10 U)	10 (10)	3 U (3 U)	NA (NA)
	1/00	2	1 U	1 U	1	3 U	NA
	5/00	**1,500**	**1,200**	25 J	**1,200**	**35**	2 U G
	8/00	4	1	1 U	1 U	3 U	NA
	10/00	**50**	3	1	3	3 U	NA
	3/01	**96 (112)**	9 (9)	1 (5 U)	7 (8)	3 U (3 U)	NA (NA)
	5/01	**7**	1 U	1 U	1 U	1 U	NA
	8/01	**170**	50 U	50 U	50 U	1 U	NA
	2/02	**47**	1	1 U	3	3 U	NA
	8/02	1 U (1 U)	1 U (1U)	1 U (1 U)	1 U (1 U)	1 U (1 U)	NA
	3/03	**67**	1 U	1	2	1 U	NA
	8/03	**123 (126)**	1 U (1)	2 (2)	2 (3)	0.001 U (0.001 U)	NA (NA)
	2/04	**850**	**120**	12 J	97	**12.5**	5 U
	8/04	**2100**	**980**	39 J	**400**	**4.6**	5 U
	2/05	**1600**	**420**	59	170	**5.8**	5 U
	8/05	**2400**	**610**	62 U	**210**	**6.6**	5 U
UST 7-3R	7/98	**14**	1 U	1 U	3 U	100 U	NA
	10/98	**12**	1 U	1 U	2 U	3 U	NA
	1/99	5	1 U	1 U	1 U	1 U	NA
	4/99	**18**	1 U	1 U	2 U	1 U	NA
	7/99	**24**	1 U	2	2 U	3 U	NA
	10/99	**50**	1 U	1 U	2 U	3 U	NA
	1/00	**30 (32)**	1 U	1 U	2 U	4 (3 U)	NA
	5/00	**13**	1 U	0.12 J	1 U	3 U	27.6
	8/00	**28**	1 U	1 U	1 U	3 U	NA
	10/00	**26**	1 U	1 U	1 U	3 U	NA
	3/01	**15**	1 U	1 U	1 U	3 U	NA
	5/01	**12**	1 U	1 U	1 U	1 U	NA
	8/01	**35**	1 U	1 U	1 U	1 U	NA
	2/02	**30**	1 U	1 U	1 U	3 U	NA
	8/02	**6**	1 U	1 U	1 U	1 U	NA
	3/03	**30**	1 U	1 U	1 U	1 U	NA
	8/03	**9**	1 U	1 U	1 U	0.001 U	NA
	2/04	**9**	1 U	1 U	1 U	1 U	5 U
	8/04	**16**	1 U	1 U	2 U	1 U	3 B
	2/05	**11 (11)**	1 U (1 U)	1 U (1 U)	3 U (3 U)	1 U (1 U)	5 U (5 U)
	8/05	**12**	1 U	1 U	2 U	1 U	5 U

See Notes on Page 5.

TABLE 1
FORMER UST #7 AREA
CURRENT AND HISTORIC GROUNDWATER QUALITY DATA

GENERAL MOTORS CORPORATION
SAGINAW MALLEABLE IRON PLANT
SAGINAW, MICHIGAN

		Benzene	Ethylbenzene	Toluene	Total Xylenes	Lead	Sulfate (mg/L)
Industrial & Commercial II, III & IV Drinking Water Criteria*		5 {A,I}	74 {E,I}	790 {E,I}	280 {E,I}	4 {L}	250 {E}
Groundwater Contact Criteria*		11000 {I}	170,000 {I,S}	530,000 {I,S}	190,000 {I,S}	ID	ID
Residential Groundwater Volatilization to Air Inhalation Criteria*		5600 {I}	110,000 {I}	530,000 {I,S}	190,000 {I,S}	NLV	NLV
Industrial Groundwater Volatilization to Air Inhalation Criteria*		35000 {I}	170,000 {I,S}	530,000 {I,S}	190,000 {I,S}	NLV	NLV
Monitoring Well	**Date**						
UST 7-4	6/94	**110**	2.0 U	8	1.0 U	1.0 U	NA
	6/96	**44**	1.7 U	1.7 U	5.1 U	3 U	6
	7/98	**14**	1 U	1 U	3 U	100 U	NA
	10/98	**10**	1 U	1 U	2 U	3 U	NA
	1/99	**17**	1 U	1 U	2 U	1 U	NA
	4/99	**7**	1 U	1 U	2 U	1 U	NA
	7/99	4	1 U	4	2 U	3 U	NA
	10/99	4	1 U	1 U	1	3 U	NA
	1/00	3	1 U	1	1	**17**	NA
	5/00	**6**	0.18 J	0.22 J	0.67 J	**9.4**	30.5
	8/00	3 (3)	1 U (1 U)	1 U (1 U)	1 U (1 U)	3 U (3 U)	NA
	10/00	**23**	1 U	1 U	1 U	3 U	NA
	3/01	2	1 U	1 U	1	3 U	NA
	5/01	2	1 U	1 U	1 U	1 U	NA
	8/01	2	1 U	1 U	1 U	1 U	NA
	2/02	**16 (16)**	2 (3)	1 U (1 U)	1 (1)	3 U (3 U)	NA
	8/02	1	1 U	1 U	1 U	1 U	NA
	3/03	1 U (1 U)	1 U (1U)	1 U (1 U)	1 U (1 U)	1 U (1 U)	NA
	8/03	2	1 U	1 U	1 U	0.001 U	NA
	2/04	4	1 U	0.25 J	0.84 J	1 U	23
	8/04	0.71 J	1 U	1 U	1 U	1 U	5 U
	2/05	1 U	1 U	1 U	3 U	1 U	5 U
	8/05	1 U	1 U	1 U	2 U	1 U	5 U
UST 7-5	6/94	**3,700**	**13,000**	**3,600**	**19,000**	1	NA
	6/96	**1,600**	**1,800**	**1,400**	**6,900**	**46**	8
	7/98	**1,900**	200 U	**930**	**7,900**	100 U	NA
	10/98	**1,390**	**1,330**	**990**	**5,120**	3 U	NA
	1/99	**190**	**680**	450	**4,440**	10	NA
	4/99	**400**	**890**	400	**6,540**	**5**	NA
	7/99	**300**	**240**	240	**3,470**	4	NA
	10/99	**20**	**110**	20	**860**	**5**	NA
	1/00	**23**	71	9	**354**	3 U	NA
	5/00	**42 (56)**	**71 (83)**	13 (13)	**330 (360)**	**20.3 (12.9)**	52.6 (54.2)
	8/00	**160**	**100**	40	**530**	3 U	NA
	10/00	**56 (59)**	27 (29)	30 (50 U)	**860 (870)**	3 U (3 U)	NA
	3/01	**200**	**100**	100 U	**1,300**	**6**	NA
	5/01	10 U	10	10 U	170	1	NA
	8/01	**160**	**130**	50 U	**690**	2	NA
	2/02	1	1	1 U	7	**14**	NA
	8/02	**7**	7	3	85	3	NA
	3/03	**330**	**380**	80	**1,400**	2	NA
	8/03	**470**	**340**	100	**1,690**	0.001	NA
	2/04	**42**	62	27	**360**	2.1	210
	8/04	**120**	**96**	29	**460**	1.8	5 U
	2/05	**140**	**78**	34	**450**	1.8	99
	8/05	**340**	**230**	86	**1060**	1 U	5 U

See Notes on Page 5.

TABLE 1
FORMER UST #7 AREA
CURRENT AND HISTORIC GROUNDWATER QUALITY DATA

GENERAL MOTORS CORPORATION
SAGINAW MALLEABLE IRON PLANT
SAGINAW, MICHIGAN

Notes:

All units are micrograms per liter (ug/L) except sulfate concentrations which are reported in units of milligrams per liter (mg/L).
ID = Insufficient Data.
Bolded and underlined values indicate exceedance of referenced criteria.
NA = Not Analyzed.
B = The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
G = Elevated reporting limit. The reporting limit is elevated due to matrix interference.
J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.
U = Not detected above method detection limit.
* Michigan Department of Environmental Quality - Generic Industrial Cleanup Criteria and Screening Levels, December 2002.
{A} Criterion is the State of Michigan Drinking Water Standard established pursuant to Section 5 of the Safe Drinking Water Act, Act. No. 399 of the Public Acts of 1976.
{E} Criterion is the aesthetic drinking water value, as required by Sec. 20120(1)(5).
{I} Hazardous substance may exhibit the characteristic of ignitability as defined in 40 CFR 261.21.
{L} Reserved.
{S} Criterion defaults to the chemical-specific water solubility limit.
NLV = Chemical is not likely to volatilize under most conditions.
The number in parentheses is the sample duplicate.

TABLE 2
SAGINAW RIVER PERIMETER GROUNDWATER SAMPLING DATA

GENERAL MOTORS CORPORATION
SAGINAW MALLEABLE IRON PLANT
SAGINAW, MICHIGAN

Sample ID: / Date Collected:	Units	B-7R 08/23/05	MW-110WTR 08/24/05	MW-111WT 08/26/05	MW-112WT 08/25/05	MW-114WT 08/24/05	MW-185WT 08/25/05
Inorganics							
Manganese	ug/L	NA	NA	**1,680 [1,520]**	NA	NA	NA
Thallium	ug/L	NA	NA	NA	1 U [1 U]	NA	NA
Inorganics-Dissolved							
Manganese (Dissolved)	ug/L	NA	NA	**1,610 [1,460]**	NA	NA	NA
Thallium (Dissolved)	ug/L	NA	NA	NA	1 U [1 U]	NA	NA
PCBs							
Aroclor-1016	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor-1221	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor-1232	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor-1242	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor-1248	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor-1254	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor-1260	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U	0.2 U	0.2 U
PCBs-Dissolved							
Aroclor-1016 (Dissolved)	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor-1221 (Dissolved)	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor-1232 (Dissolved)	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor-1242 (Dissolved)	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor-1248 (Dissolved)	ug/L	**0.31**	0.2 U [0.2 U]	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor-1254 (Dissolved)	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor-1260 (Dissolved)	ug/L	0.2 U	0.2 U [0.2 U]	0.2 U	0.2 U	0.2 U	0.2 U

General Notes:

All concentrations in micrograms per liter (ug/L); equivalent to parts per billion (ppb), unless otherwise noted.

All detections are shown in bold.

Duplicate analyses are shown in brackets.

Data Qualifiers:

U = The constituent was analyzed for but not detected. The associated value is the constituent quantitation limit.

NA = not analyzed.

TABLE 3
GROUNDWATER AND LNAPL MEASUREMENT SUMMARY
JANUARY 2002 THROUGH THE PRESENT

GENERAL MOTORS CORPORATION
SAGINAW MALLEABLE IRON PLANT
SAGINAW, MICHIGAN

Date	MW-132WT reference elevation = 594.24				MW-147WT reference elevation = 592.07				MW-157WT reference elevation = 591.72			
	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (corrected)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (corrected)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (corrected)
January 10, 2002	--	--	--	--	8.31	0.33	8.64	583.73	--	--	--	--
February 12, 2002	--	--	--	--	8.13	1.41	9.54	583.83	--	--	--	--
March 18, 2002	--	--	--	--	7.90	1.45	9.35	584.05	--	--	--	--
May 6, 2002	--	--	--	--	8.01	0.93	8.94	583.99	--	--	--	--
May 22, 2002	--	--	--	--	8.02	1.56	9.58	583.93	--	--	--	--
June 17, 2002	--	--	--	--	7.98	1.57	9.55	583.96	--	--	--	--
September 25, 2002	--	--	--	--	7.67	2.13	9.80	584.23	--	--	--	--
October 29, 2002	--	--	--	--	7.77	2.78	10.55	584.08	--	--	--	--
November 26, 2002	--	--	--	--	7.75	1.75	9.50	584.18	--	--	--	--
December 19, 2002	--	--	--	--	7.78	1.27	9.05	584.19	--	--	--	--
January 10, 2003	--	--	--	--	9.25	0.00	9.25	582.82	--	--	--	--
February 25, 2003	--	--	--	--	8.18	1.30	9.48	583.79	--	--	--	--
March 27, 2003	--	--	--	--	8.06	1.06	9.12	583.93	--	--	--	--
April 29, 2003	--	--	--	--	7.38	0.98	8.36	584.61	--	--	--	--
May 29, 2003	--	--	--	--	6.69	2.15	8.84	585.21	--	--	--	--
June 25, 2003	--	--	--	--	6.79	2.75	9.54	585.06	--	--	--	--
July 30, 2003	--	--	--	--	6.63	2.78	9.41	585.22	--	--	--	--
August 4, 2003	--	--	--	--	6.58	2.78	9.36	585.27	--	--	--	--
September 18, 2003	--	--	--	--	6.80	2.85	9.65	585.04	--	--	--	--
November 10, 2003	--	--	--	--	6.46	2.08	8.54	585.44	--	--	--	--
December 29, 2003	--	--	--	--	6.55	2.16	8.71	585.35	--	--	--	--
February 26, 2004	--	--	--	--	NA	NA	NA	NA	--	--	--	--
March 8, 2004	--	--	--	--	NA	NA	NA	NA	--	--	--	--
April 29, 2004	--	--	--	--	6.36	1.64	8.00	585.58	--	--	--	--
June 1, 2004	--	--	--	--	5.20	1.25	6.45	586.77	--	--	--	--
June 30, 2004	--	--	--	--	6.05	1.26	7.31	585.92	--	--	--	--
July 28, 2004	--	--	--	--	NA	NA	NA	NA	--	--	--	--
August 17, 2004	--	--	--	--	6.76	1.34	8.10	585.20	--	--	--	--
September 27, 2004	--	--	--	--	6.91	1.61	8.52	585.03	--	--	--	--
October 29, 2004	--	--	--	--	7.04	1.78	8.82	584.89	--	--	--	--
November 30, 2004	--	--	--	--	6.35	1.72	8.07	585.58	--	--	--	--
December 27, 2004	--	--	--	--	NA	NA	NA	NA	--	--	--	--
January 26, 2005	--	--	--	--	6.28	2.03	8.31	585.63	--	--	--	--
February 7, 2005	--	--	--	--	6.57	1.96	8.53	585.34	--	--	--	--
March 17, 2005	NP	0.00	10.97	583.27	6.55	2.04	8.59	585.36	7.27	0.66	7.93	584.40
April 13, 2005	NP	0.00	10.94	583.30	6.44	1.74	8.18	585.49	7.18	0.18	7.36	584.53
May 31, 2005	NP	0.00	10.91	583.33	6.53	1.76	8.29	585.40	7.23	0.25	7.48	584.47
June 28, 2005	--	--	--	--	5.83	1.73	7.56	586.10	6.23	0.21	6.44	585.47
July 29, 2005	NP	0.00	10.59	583.65	5.59	1.58	7.17	586.35	6.21	0.70	6.91	585.45
August 18, 2005	NP	0.00	10.82	583.42	6.19	1.75	7.94	585.74	6.96	0.23	7.19	584.74
September 28, 2005	NP	0.00	11.03	583.21	6.49	1.59	8.08	585.45	7.37	0.04	7.41	584.35

See Notes on Page 6.

TABLE 3
GROUNDWATER AND LNAPL MEASUREMENT SUMMARY
JANUARY 2002 THROUGH THE PRESENT

GENERAL MOTORS CORPORATION
SAGINAW MALLEABLE IRON PLANT
SAGINAW, MICHIGAN

Date	MW-158WT reference elevation = 591.78				MW-160WT reference elevation = 591.53				MW-161WT reference elevation = 591.80			
	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (corrected)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (corrected)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (corrected)
January 10, 2002	8.54	0.01	8.55	583.24	8.31	0.38	8.69	583.19	--	--	--	--
February 12, 2002	8.39	0.02	8.41	583.39	8.26	0.38	8.64	583.24	--	--	--	--
March 18, 2002	NP	0.00	8.25	583.53	7.99	0.19	8.18	583.52	--	--	--	--
May 6, 2002	NP	0.00	7.62	584.16	7.71	0.20	7.91	583.80	--	--	--	--
May 22, 2002	NP	0.00	7.75	584.03	7.83	0.29	8.12	583.68	--	--	--	--
June 17, 2002	7.65	0.01	7.66	584.13	7.83	0.31	8.14	583.68	--	--	--	--
September 25, 2002	NA	NA	NA	NA	8.36	0.79	9.15	583.11	--	--	--	--
October 29, 2002	NP	0.00	8.60	583.18	8.54	0.56	9.10	582.95	--	--	--	--
November 26, 2002	NA	NA	NA	NA	8.60	0.53	9.13	582.89	--	--	--	--
December 19, 2002	NA	NA	NA	NA	8.55	0.63	9.18	582.93	--	--	--	--
January 10, 2003	NA	NA	NA	NA	8.60	0.56	9.16	582.89	--	--	--	--
February 25, 2003	NA	NA	NA	NA	8.72	0.56	9.28	582.77	--	--	--	--
March 27, 2003	NA	NA	NA	NA	8.62	0.53	9.15	582.87	--	--	--	--
April 29, 2003	NA	NA	NA	NA	8.58	0.37	8.95	582.92	--	--	--	--
May 29, 2003	NA	NA	NA	NA	7.77	0.26	8.03	583.74	--	--	--	--
June 25, 2003	NA	NA	NA	NA	8.47	0.22	8.69	583.04	--	--	--	--
July 30, 2003	NA	NA	NA	NA	8.36	0.22	8.58	583.15	--	--	--	--
August 4, 2003	NA	NA	NA	NA	8.32	0.22	8.54	583.19	--	--	--	--
September 18, 2003	NA	NA	NA	NA	8.48	0.34	8.82	583.02	--	--	--	--
November 10, 2003	NA	NA	NA	NA	8.50	0.20	8.70	583.01	--	--	--	--
December 29, 2003	NA	NA	NA	NA	8.68	0.23	8.91	582.83	--	--	--	--
February 26, 2004	8.68	0.01	8.69	NA	8.60	0.11	8.71	582.92	--	--	--	--
March 8, 2004	8.41	0.01	8.42	NA	8.33	0.31	8.64	583.18	--	--	--	--
April 29, 2004	NA	NA	NA	NA	8.41	0.19	8.60	583.10	--	--	--	--
June 1, 2004	NA	NA	NA	NA	7.83	0.11	7.94	583.69	--	--	--	--
June 30, 2004	7.90	0.01	7.91	583.88	8.25	0.09	8.34	583.27	--	--	--	--
July 28, 2004	8.21	0.01	8.22	583.57	8.43	0.11	8.54	583.09	--	--	--	--
August 17, 2004	NP	0.00	8.39	583.39	8.46	0.11	8.57	583.06	--	--	--	--
September 27, 2004	8.41	0.01	8.42	583.37	8.54	0.17	8.71	582.98	--	--	--	--
October 29, 2004	8.56	0.01	8.57	583.22	8.58	0.09	8.67	582.94	--	--	--	--
November 30, 2004	8.35	0.01	8.36	583.43	8.47	0.07	8.54	583.05	--	--	--	--
December 27, 2004	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--
January 26, 2005	NP	0.00	7.98	583.80	8.21	0.35	8.56	583.29	--	--	--	--
February 7, 2005	8.07	0.02	8.09	583.71	8.10	0.11	8.21	583.42	--	--	--	--
March 17, 2005	NP	0.00	8.24	583.54	8.43	0.13	8.56	583.09	NP	0.00	7.60	584.20
April 13, 2005	NP	0.00	8.23	583.55	8.39	0.13	8.52	583.13	NP	0.00	7.82	583.98
May 31, 2005	NP	0.00	8.14	583.64	8.39	0.15	8.54	583.13	NP	0.00	7.57	584.23
June 28, 2005	NP	0.00	7.72	584.06	8.14	0.09	8.23	583.38	NP	0.00	7.34	584.46
July 29, 2005	NP	0.00	7.69	584.09	8.13	0.04	8.17	583.40	7.39	0.01	7.40	584.41
August 18, 2005	NP	0.00	7.98	583.80	8.30	0.04	8.34	583.23	NP	0.00	7.51	584.29
Septermber 28, 2005	8.33	0.01	8.34	583.45	8.46	0.02	8.48	583.07	NP	0.00	7.75	584.05

See Notes on Page 6.

TABLE 3
GROUNDWATER AND LNAPL MEASUREMENT SUMMARY
JANUARY 2002 THROUGH THE PRESENT

GENERAL MOTORS CORPORATION
SAGINAW MALLEABLE IRON PLANT
SAGINAW, MICHIGAN

Date	MW-168WT reference elevation = 592.11				MW-169WT reference elevation = 591.82				MW-172WT reference elevation = 591.51				MW-175WT reference elevation not available			
	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (corrected)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (corrected)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (corrected)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (corrected)
January 10, 2002	NA	NA	NA	NA	NP	0.00	8.62	583.20	8.23	0.66	8.89	583.23	NA	NA	NA	NA
February 12, 2002	8.21	0.97	9.18	583.82	NP	0.00	7.76	584.06	8.12	0.20	8.32	583.37	NA	NA	NA	NA
March 18, 2002	NA	NA	NA	NA	NP	0.00	7.96	583.86	7.93	0.25	8.18	583.56	NP	0.00	6.95	NA
May 6, 2002	7.80	1.27	9.07	584.21	NP	0.00	7.90	583.92	7.64	0.21	7.85	583.85	NP	0.00	6.86	NA
May 22, 2002	7.41	1.15	8.56	584.61	NP	0.00	7.96	583.86	7.78	0.15	7.93	583.72	NP	0.00	6.90	NA
June 17, 2002	7.45	1.79	9.24	584.52	7.91	0.01	7.92	583.91	7.76	0.23	7.99	583.73	NP	0.00	6.84	NA
September 25, 2002	NA	NA	NA	NA	8.17	0.01	8.18	583.65	8.47	0.53	9.00	583.00	NP	0.00	7.67	NA
October 29, 2002	NA	NA	NA	NA	NP	0.00	8.50	583.32	8.42	0.88	9.30	583.02	NP	0.00	7.34	NA
November 26, 2002	NA	NA	NA	NA	NA	NA	NA	NA	8.45	0.82	9.27	582.99	NA	NA	NA	NA
December 19, 2002	NA	NA	NA	NA	NP	0.00	8.61	583.21	8.43	0.90	9.33	583.01	NA	NA	NA	NA
January 10, 2003	NA	NA	NA	NA	NP	0.00	8.58	583.24	8.49	0.83	9.32	582.95	NA	NA	NA	NA
February 25, 2003	NA	NA	NA	NA	NP	0.00	8.67	583.15	8.51	1.01	9.52	582.92	NA	NA	7.58	NA
March 27, 2003	NA	NA	NA	NA	NP	0.00	8.62	583.20	8.46	0.84	9.30	582.98	NP	0.00	7.67	NA
April 29, 2003	NA	NA	NA	NA	NP	0.00	8.59	583.23	8.44	0.71	9.15	583.01	NP	0.00	7.62	NA
May 29, 2003	NA	NA	NA	NA	NP	0.00	7.95	583.87	7.60	0.50	8.10	583.87	NP	0.00	7.17	NA
June 25, 2003	NA	NA	NA	NA	NP	0.00	8.31	583.51	8.35	0.67	9.02	583.11	NP	0.00	7.48	NA
July 30, 2003	NA	NA	NA	NA	NP	0.00	8.21	583.61	8.20	0.73	8.93	583.25	NP	0.00	7.32	NA
August 4, 2003	NA	NA	NA	NA	NP	0.00	8.18	583.64	8.17	0.73	8.90	583.28	NP	0.00	7.30	NA
September 18, 2003	NA	NA	NA	NA	NP	0.00	8.51	583.31	8.35	0.80	9.15	583.10	NP	0.00	7.33	NA
November 10, 2003	NA	NA	NA	NA	NP	0.00	8.41	583.41	8.30	0.87	9.17	583.14	NP	0.00	7.35	NA
December 29, 2003	NA	NA	NA	NA	NP	0.00	7.88	583.94	8.40	0.91	9.31	583.04	NP	0.00	7.41	NA
February 26, 2004	NA	NA	NA	NA	NA	NA	NA	NA	8.45	1.02	9.47	582.98	NA	NA	NA	NA
March 8, 2004	8.32	0.23	8.55	583.77	NA	NA	NA	NA	8.18	0.44	8.62	583.29	NA	NA	NA	NA
April 29, 2004	NA	NA	NA	NA	NA	NA	NA	NA	7.98	0.56	8.54	583.49	NA	NA	NA	NA
June 1, 2004	NA	NA	NA	NA	7.62	0.01	7.63	584.20	NA	NA	NA	NA	NA	NA	NA	NA
June 30, 2004	NA	NA	NA	NA	7.94	0.01	7.95	583.88	8.55	0.06	8.61	582.96	6.71	0.01	6.72	NA
July 28, 2004	NA	NA	NA	NA	NP	0.00	8.17	583.65	8.32	0.36	8.68	583.16	6.88	0.01	6.89	NA
August 17, 2004	NA	NA	NA	NA	NP	0.00	8.23	583.59	8.33	0.49	8.82	583.14	7.01	0.01	7.02	NA
September 27, 2004	NA	NA	NA	NA	8.35	0.01	8.36	583.47	8.42	0.48	8.90	583.05	7.18	0.01	7.19	NA
October 29, 2004	NA	NA	NA	NA	8.44	0.01	8.45	583.38	NA	NA	NA	NA	7.24	0.01	7.25	NA
November 30, 2004	NA	NA	NA	NA	NP	0.00	8.23	583.59	8.39	0.72	9.11	583.06	NP	0.00	7.11	NA
December 27, 2004	NA	NA	NA	NA	NP	0.00	8.30	583.52	NA	NA	NA	NA	NP	0.00	7.11	NA
January 26, 2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NP	0.00	7.01	NA
February 7, 2005	NA	NA	NA	NA	NP	0.00	8.17	583.65	8.00	0.19	8.19	583.49	7.11	0.01	7.12	NA
March 17, 2005	NA	NA	NA	NA	NA	NA	NA	NA	8.34	0.28	8.62	583.15	NP	0.00	7.22	NA
April 13, 2005	NA	NA	NA	NA	NA	NA	NA	NA	8.33	0.35	8.68	583.15	NP	0.00	7.12	NA
May 31, 2005	NA	NA	NA	NA	NP	0.00	8.20	583.62	8.29	0.38	8.67	583.19	NP	0.00	6.98	NA
June 28, 2005	NA	NA	NA	NA	NP	0.00	7.92	583.90	8.06	0.04	8.10	583.45	6.67	0.01	6.68	NA
July 29, 2005	NA	NA	NA	NA	NP	0.00	7.92	583.90	8.06	0.02	8.08	583.45	NP	0.00	6.73	NA
August 18, 2005	NA	NA	NA	NA	NA	NA	NA	NA	8.24	0.17	8.41	583.26	NP	0.00	6.83	NA
Septermber 28, 2005	NA	NA	NA	NA	NA	NA	NA	NA	8.36	0.21	8.57	583.13	NP	0.00	7.04	NA

See Notes on Page 6.

TABLE 3
GROUNDWATER AND LNAPL MEASUREMENT SUMMARY
JANUARY 2002 THROUGH THE PRESENT

GENERAL MOTORS CORPORATION
SAGINAW MALLEABLE IRON PLANT
SAGINAW, MICHIGAN

Date	MW-178WT reference elevation = 590.35				MW-179WT reference elevation not available				MW-180WT reference elevation = 590.67				RW-1 reference elevation = 592.18			
	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (corrected)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (corrected)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (corrected)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (corrected)
January 10, 2002	7.66	0.87	8.53	582.62	--	--	--	--	--	--	--	--	8.85	0.17	9.02	583.32
February 12, 2002	7.58	1.95	9.53	582.61	--	--	--	--	--	--	--	--	8.80	0.24	9.04	583.36
March 18, 2002	7.55	0.98	8.53	582.72	--	--	--	--	--	--	--	--	8.78	0.20	8.98	583.38
May 6, 2002	NA	NA	NA	NA	--	--	--	--	--	--	--	--	8.50	0.21	8.71	583.66
May 22, 2002	7.48	1.22	8.70	582.77	--	--	--	--	--	--	--	--	8.81	0.34	9.15	583.34
June 17, 2002	7.47	1.28	8.75	582.78	--	--	--	--	--	--	--	--	NA	NA	NA	NA
September 25, 2002	7.99	1.40	9.39	582.25	--	--	--	--	--	--	--	--	NA	NA	NA	NA
October 29, 2002	7.56	1.29	8.85	582.69	--	--	--	--	--	--	--	--	8.98	0.22	9.20	583.18
November 26, 2002	7.63	0.96	8.59	582.64	--	--	--	--	--	--	--	--	9.03	0.18	9.21	583.14
December 19, 2002	7.56	1.24	8.80	582.69	--	--	--	--	--	--	--	--	NA	NA	NA	NA
January 10, 2003	7.59	1.19	8.78	582.66	--	--	--	--	--	--	--	--	NA	NA	NA	NA
February 25, 2003	7.71	1.37	9.08	582.53	--	--	--	--	--	--	--	--	NA	NA	NA	NA
March 27, 2003	7.60	1.10	8.70	582.66	--	--	--	--	--	--	--	--	9.06	0.58	9.64	583.07
April 29, 2003	7.56	1.21	8.77	582.69	--	--	--	--	--	--	--	--	8.99	0.79	9.78	583.13
May 29, 2003	7.04	1.07	8.11	583.22	--	--	--	--	--	--	--	--	8.49	0.41	8.90	583.66
June 25, 2003	7.41	1.18	8.59	582.85	--	--	--	--	--	--	--	--	8.58	0.43	9.01	583.57
July 30, 2003	7.30	1.13	8.43	582.96	--	--	--	--	--	--	--	--	8.43	0.46	8.89	583.71
August 4, 2003	7.27	1.14	8.41	582.99	--	--	--	--	--	--	--	--	8.40	0.45	8.85	583.74
September 18, 2003	7.50	1.35	8.85	582.74	--	--	--	--	--	--	--	--	8.70	0.45	9.15	583.44
November 10, 2003	7.55	1.20	8.75	582.70	--	--	--	--	--	--	--	--	8.59	0.33	8.92	583.56
December 29, 2003	7.75	1.09	8.84	582.51	--	--	--	--	--	--	--	--	9.19	0.76	9.95	582.93
February 26, 2004	NP	0.00	7.54	582.81	--	--	--	--	--	--	--	--	9.00	4.40	13.40	582.83
March 8, 2004	NA	NA	NA	NA	--	--	--	--	--	--	--	--	8.10	0.18	8.28	584.07
April 29, 2004	NP	0.00	7.21	583.14	--	--	--	--	--	--	--	--	8.63	0.17	8.80	583.54
June 1, 2004	7.37	1.24	8.61	582.88	--	--	--	--	--	--	--	--	7.71	0.27	7.98	584.45
June 30, 2004	NA	NA	NA	NA	--	--	--	--	--	--	--	--	8.30	0.13	8.43	583.87
July 28, 2004	7.45	1.25	8.70	582.80	--	--	--	--	--	--	--	--	8.76	0.39	9.15	583.39
August 17, 2004	7.46	1.33	8.79	582.78	--	--	--	--	--	--	--	--	8.89	0.46	9.35	583.25
September 27, 2004	7.51	1.02	8.53	582.76	--	--	--	--	--	--	--	--	8.87	0.38	9.25	583.28
October 29, 2004	NA	NA	NA	NA	--	--	--	--	--	--	--	--	NA	NA	NA	NA
November 30, 2004	NA	NA	NA	NA	--	--	--	--	--	--	--	--	8.79	0.95	9.74	583.31
December 27, 2004	7.53	0.59	8.12	582.77	--	--	--	--	--	--	--	--	8.76	0.55	9.31	583.38
January 26, 2005	7.55	0.65	8.20	582.75	--	--	--	--	--	--	--	--	8.43	1.29	9.72	583.65
February 7, 2005	7.17	0.39	7.56	583.15	--	--	--	--	--	--	--	--	8.59	0.70	9.29	583.53
March 17, 2005	7.63	0.65	8.28	582.67	NP	0.00	7.13	NA	7.15	0.02	7.17	583.52	NA	NA	NA	NA
April 13, 2005	7.46	0.69	8.15	582.83	NP	0.00	6.91	NA	NP	0.00	6.87	583.80	8.60	0.28	8.88	583.56
May 31, 2005	7.56	0.83	8.39	582.72	NP	0.00	6.96	NA	NP	0.00	7.01	583.66	8.58	0.21	8.79	583.58
June 28, 2005	7.39	0.56	7.95	582.92	NP	0.00	6.82	NA	6.84	0.01	6.85	583.83	8.13	0.21	8.34	584.03
July 29, 2005	7.44	0.82	8.26	582.84	NP	0.00	6.73	NA	NP	0.00	6.73	583.94	8.05	0.17	8.22	584.12
August 18, 2005	7.51	1.26	8.77	582.74	NP	0.00	6.78	NA	NP	0.00	6.78	583.89	8.18	0.79	8.97	583.94
Septermber 28, 2005	7.49	0.32	7.81	582.83	NP	0.00	6.95	NA	6.99	0.01	7.00	583.68	8.81	0.59	9.40	583.32

See Notes on Page 6.

TABLE 3
GROUNDWATER AND LNAPL MEASUREMENT SUMMARY
JANUARY 2002 THROUGH THE PRESENT

GENERAL MOTORS CORPORATION
SAGINAW MALLEABLE IRON PLANT
SAGINAW, MICHIGAN

Date	RW-2 reference elevation = 592.07				RW-3 reference elevation = 592.32				TP-2			
	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (corrected)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (corrected)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Depth to Water (feet)	Groundwater Elevation (corrected)
January 10, 2002	8.78	0.01	8.79	583.29	8.69	0.01	8.70	583.63	8.91	0.21	9.12	NA
February 12, 2002	8.68	0.01	8.69	583.39	8.56	0.01	8.57	583.76	8.89	0.16	9.05	NA
March 18, 2002	NP	0.00	8.50	583.57	NP	0.00	7.83	584.49	NA	NA	NA	NA
May 6, 2002	NP	0.00	8.16	583.91	8.08	0.01	8.09	584.24	8.58	0.52	9.10	NA
May 22, 2002	8.27	0.01	8.28	583.80	NP	0.00	7.65	584.67	8.87	0.33	9.20	NA
June 17, 2002	8.28	0.01	8.29	583.79	7.66	0.01	7.67	584.66	NA	NA	NA	NA
September 25, 2002	8.93	0.01	8.94	583.14	8.60	0.01	8.61	583.72	8.95	0.30	9.25	NA
October 29, 2002	8.99	0.01	9.00	583.08	NP	0.00	8.69	583.63	9.04	0.30	9.34	NA
November 26, 2002	NA	NA	NA	NA	NA	NA	NA	NA	9.11	0.29	9.40	NA
December 19, 2002	NP	0.00	9.08	582.99	NP	0.00	8.82	583.50	NA	NA	NA	NA
January 10, 2003	NP	0.00	9.06	583.01	NP	0.00	8.83	583.49	NA	NA	NA	NA
February 25, 2003	9.19	0.01	9.20	582.88	9.00	0.01	9.01	583.32	9.39	0.57	9.96	NA
March 27, 2003	9.11	0.01	9.12	582.96	8.93	0.01	8.94	583.39	NA	NA	NA	NA
April 29, 2003	9.01	0.01	9.02	583.06	8.51	0.01	8.52	583.81	9.15	0.01	9.16	NA
May 29, 2003	8.65	0.01	8.66	583.42	7.35	0.01	7.36	584.97	8.68	0.01	8.69	NA
June 25, 2003	9.63	0.01	9.64	582.44	8.95	0.01	8.96	583.37	8.82	0.79	9.61	NA
July 30, 2003	9.47	0.01	9.48	582.60	8.78	0.01	8.79	583.54	8.71	0.78	9.49	NA
August 4, 2003	9.46	0.01	9.47	582.61	8.73	0.01	8.74	583.59	8.65	0.78	9.43	NA
September 18, 2003	8.92	0.01	8.93	583.15	NP	0.00	8.28	584.04	NA	NA	NA	NA
November 10, 2003	NP	0.00	8.95	583.12	NP	0.00	8.23	584.09	8.59	0.61	9.20	NA
December 29, 2003	NP	0.00	9.01	583.06	8.28	0.01	8.29	584.04	9.35	0.27	9.62	NA
February 26, 2004	NA	NA	NA	NA	8.50	0.01	8.51	583.82	9.03	3.40	12.43	NA
March 8, 2004	NA	NA	NA	NA	8.27	0.01	8.28	584.05	NA	NA	NA	NA
April 29, 2004	NA	NA	NA	NA	7.78	0.01	7.79	584.54	8.65	0.75	9.40	NA
June 1, 2004	NA	NA	NA	NA	NP	0.00	5.61	586.71	7.64	0.23	7.87	NA
June 30, 2004	8.66	0.01	8.67	583.41	NP	0.00	7.44	584.88	NA	NA	NA	NA
July 28, 2004	8.83	0.01	8.84	583.24	NP	0.00	8.14	584.18	NA	NA	NA	NA
August 17, 2004	8.94	0.01	8.95	583.13	NP	0.00	8.51	583.81	NA	NA	NA	NA
September 27, 2004	9.09	0.01	9.10	582.98	NP	0.00	8.50	583.82	8.75	0.71	9.46	NA
October 29, 2004	8.71	0.02	8.73	583.36	NP	0.00	7.72	584.60	NA	NA	NA	NA
November 30, 2004	9.02	0.01	9.03	583.05	NP	0.00	8.07	584.25	8.67	1.00	9.67	NA
December 27, 2004	NP	0.00	9.03	583.04	NP	0.00	7.84	584.48	NA	NA	NA	NA
January 26, 2005	NP	0.00	8.69	583.38	NP	0.00	6.92	585.40	8.33	1.09	9.42	NA
February 7, 2005	NP	0.00	8.73	583.34	NP	0.00	7.57	584.75	8.44	1.05	9.49	NA
March 17, 2005	NP	0.00	8.92	583.15	NP	0.00	7.82	584.50	8.61	1.30	9.91	NA
April 13, 2005	NP	0.00	8.94	583.13	NP	0.00	7.83	584.49	8.49	1.13	9.62	NA
May 31, 2005	NP	0.00	8.93	583.14	NP	0.00	7.88	584.44	8.54	0.33	8.87	NA
June 28, 2005	NP	0.00	8.71	583.36	NP	0.00	7.04	585.28	8.01	0.48	8.49	NA
July 29, 2005	NP	0.00	8.69	583.38	NP	0.00	6.77	585.55	7.97	0.25	8.22	NA
August 18, 2005	NP	0.00	8.67	583.40	NP	0.00	7.72	584.60	8.28	0.75	9.03	NA
Septermber 28, 2005	NP	0.00	9.01	583.06	NP	0.00	8.41	583.91	8.69	0.82	9.51	NA

See Notes on Page 6.

TABLE 3
GROUNDWATER AND LNAPL MEASUREMENT SUMMARY
JANUARY 2002 THROUGH THE PRESENT

GENERAL MOTORS CORPORATION
SAGINAW MALLEABLE IRON PLANT
SAGINAW, MICHIGAN

Notes:

The reference elevation for each of the recovery wells (RW-1, RW-2, RW-3, and RW-4) is the ground surface elevation; approximately equal to the elevation of the edge of the vault.
NA = not available; monitoring well inaccessible (e.g., covered by pallet, gravel, roll-off, vehicle, or snowpile).
-- = Not measured.
NP = LNAPL was not present in well. An LNAPL density of 0.92 was used to correct the water level elevations for the presence of LNAPL.
LNAPL is periodically removed by bailing from monitoring well MW-178WT.

See Notes on Page 6.

TABLE 4
GREEN POINT LANDFILL
VOLATILE ORGANIC COMPOUND GROUNDWATER ANALYTICAL DATA

ENVIRONMENTAL MONITORING PROGRAM
REALM, INC. GREEN POINT LANDFILL
SAGINAW, MICHIGAN

Location ID:	MW-117WT								MW-117S1							MW-118WT	
Sample Date:	6/20/95	5/19/00	6/18/01	6/26/02	6/19/03	12/9/2004	12/9/2004	6/23/2005	6/20/95	5/19/00	6/19/01	6/26/02	6/19/03	6/27/04	6/23/05	6/20/95	5/17/00
Sample Type:	FS	FS	FS	FS	FS	FS	DUP	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
Acetone	50 U	10 U	10 U	10 UJ	2.0 U	25 U	25 U	25 UJ	50 U	10 U	10 U	10 UJ	2.0 U	2.0 UJ	25 UJ	50 U	10 U
Benzene	1.0 U	**0.13 J**	1.0 U	**0.16 J**	1.0 U	**0.230 J**	**0.250 J**	1 U	1.0 U	**0.60 J**	1.0 U	**0.75 J**	**0.58 J**	**0.71 J**	**0.66 J**	1.0 U	**0.54 J**
Bromodichloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
Bromoform	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
Bromomethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
2-Butanone	50 U	10 U	10 U	10 U	2.0 U	25 U	25 U	25 UJ	50 U	10 U	10 U	10 U	2.0 U	2.0 UJ	25 UJ	50 U	10 U
Carbon disulfide	50 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5 U	**0.50 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5 U	50 U	1.0 U
Carbon Tetrachloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
Chlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
Chloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.280 J**	1.0 U	1 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 UJ	1.0 U	1.0 U
Chloroform	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	**1.5**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
Chloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
Dibromochloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
1,1-Dichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
1,2-Dichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
1,1-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	1.0 U	1.0 U	1.0 U	--	--	2.0 U	2.0 U	2 U	1.0 U	1.0 U	1.0 U	--	--	--	2 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	1.0 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	**0.31 J**	1.0 U	0.50 U
trans-1,2-Dichloroethene	1.0 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1 U	1.0 U	0.50 U
1,2-Dichloropropane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 UJ	1.0 U	1.0 U
trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
Ethylbenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	**0.10 J**
2-Hexanone	R	10 U	10 U	10 U	2.0 U	50 UJ	50 UJ	50 U	R	10 U	10 U	10 U	2.0 U	2.0 U	50 U	R	10 U
4-Methyl-2-pentanone	50 U	10 U	5.0 U	10 U	2.0 U	50 U	50 U	50 U	50 U	10 U	5.0 U	10 U	2.0 U	2.0 U	50 U	50 U	**28**
Methylene Chloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	5 U	1.0 U	1.0 U
Styrene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
Tetrachloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
Toluene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
Trichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
Vinyl Chloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.7 U	1.0 U	1.0 U
Xylenes (total)	3.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2 U	1.0 U	**0.14 J**	1.0 U	**0.21 J**	1.0 U	1.0 U	1 U	1.0 U	1.0 U
									3.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	3.0 U	**0.47 J**

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TABLE 4
GREEN POINT LANDFILL
VOLATILE ORGANIC COMPOUND GROUNDWATER ANALYTICAL DATA

ENVIRONMENTAL MONITORING PROGRAM
REALM, INC. GREEN POINT LANDFILL
SAGINAW, MICHIGAN

Location ID:	MW-118WT								MW-118S1							
Sample Date:	6/19/01	6/19/01	6/27/02	6/27/02	6/19/03	6/19/03	5/27/04	6/23/05	6/20/95	5/17/00	5/17/00	6/19/01	6/27/02	6/19/03	12/9/2004	6/23/2005
Sample Type:	FS	DUP	FS	DUP	FS	DUP	FS	FS	FS	FS	DUP	FS	FS	FS	FS	FS
Acetone	40 U	40 U	20 UJ	10 U	2.0 U	2.0 U	3.3 UJ	25 UJ	50 U	10 U	10 U	10 U	10 U	2.0 U	25 U	25 UJ
Benzene	4.0 U	4.0 U	**0.34 J**	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	**0.47 J**	**0.46 J**	1.0 U	**0.37 J**	1.0 U	**0.530 J**	1 U
Bromodichloromethane	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Bromoform	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1 U
Bromomethane	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
2-Butanone	40 U	40 U	20 UJ	10 UJ	2.0 U	2.0 U	3.3 U	25 UJ	50 U	10 U	10 U	10 U	10 UJ	2.0 U	25 U	25 UJ
Carbon disulfide	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	5 U	**1.3**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5 U
Carbon Tetrachloride	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Chlorobenzene	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Chloroethane	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 UJ
Chloroform	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	**1.1**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Chloromethane	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Dibromochloromethane	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1 U
1,1-Dichloroethane	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,2-Dichloroethane	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,1-Dichloroethene	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,2-Dichloroethene (total)	4.0 U	4.0 U	--	--	--	--	--	2 U	1.0 U	1.0 U	1.0 U	1.0 U	--	--	2.0 U	2 U
cis-1,2-Dichloroethene	2.0 U	2.0 U	1.0 U	0.50 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	--	**0.25 J**
trans-1,2-Dichloroethene	2.0 U	2.0 U	1.0 U	0.50 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	--	1 U
1,2-Dichloropropane	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
cis-1,3-Dichloropropene	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 UJ
trans-1,3-Dichloropropene	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Ethylbenzene	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
2-Hexanone	40 U	40 U	20 UJ	10 U	2.0 U	2.0 U	3.3 UJ	50 U	R	10 U	10 U	10 U	10 U	2.0 U	50 UJ	50 U
4-Methyl-2-pentanone	**180**	**180**	**4.9 J**	**5.2 J**	**0.75 J**	**0.60 J**	3.3 UJ	50 U	50 U	10 U	10 U	5.0 U	10 U	2.0 U	50 U	50 U
Methylene Chloride	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 UJ	5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5 U
Styrene	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Tetrachloroethene	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,1,2,2-Tetrachloroethane	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1 U
Toluene	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	**0.2 J**	**0.90 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,1,1-Trichloroethane	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,1,2-Trichloroethane	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Trichloroethene	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Vinyl Chloride	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	**0.33 J**	**0.33 J**	**0.27 J**	**0.27 J**	1.0 U	**0.260 J**	1 U
Xylenes (total)	4.0 U	4.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2 U	3.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2 U

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TABLE 4
GREEN POINT LANDFILL
VOLATILE ORGANIC COMPOUND GROUNDWATER ANALYTICAL DATA

ENVIRONMENTAL MONITORING PROGRAM
REALM, INC. GREEN POINT LANDFILL
SAGINAW, MICHIGAN

Location ID:	MW-128WT			MW-128WT				MW-128S1							
Sample Date:	7/26/95	5/19/00	6/20/01	6/26/02	6/18/03	5/25/04	6/22/05	7/26/95	5/19/00	6/20/01	6/26/02	6/18/03	5/25/04	6/22/05	6/22/05
Sample Type:	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	DUP
Acetone	**7.3 J**	10 U	10 U	10 UJ	2.0 U	8.6 UJ	**4.4 J**	**6.7 J**	10 U	10 U	10 UJ	2.0 U	5.7 UJ	25 UJ	25 UJ
Benzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	**0.28 J**	**0.27 J**	**0.33 J**	**0.50 J**	1.0 U	**0.49 J**	**0.5 J**
Bromodichloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Bromoform	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Bromomethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 UJ	1 UJ
2-Butanone	50 U	10 U	10 U	10 U	2.0 U	2.0 UJ	25 UJ	50 U	10 U	10 U	10 U	2.0 U	2.0 UJ	25 UJ	25 UJ
Carbon disulfide	50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5 U	50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5 U	5 U
Carbon Tetrachloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Chlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Chloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Chloroform	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Chloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 UJ	1 UJ
Dibromochloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,1-Dichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1 U	1 U
1,2-Dichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1 U	1 U
1,1-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,2-Dichloroethene (total)	1.0 U	1.0 U	1.0 U	--	--	--	2 U	1.0 U	1.0 U	1.0 U	--	--	--	2 U	2 U
cis-1,2-Dichloroethene	1.0 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1 U	1.0 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1 U	1 U
trans-1,2-Dichloroethene	1.0 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1 U	1.0 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1 U	1 U
1,2-Dichloropropane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
trans-1,3-Dichloropropene	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Ethylbenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
2-Hexanone	R	10 U	10 U	10 U	2.0 U	2.0 UJ	50 UJ	R	10 U	10 U	10 U	2.0 U	2.0 UJ	50 UJ	50 UJ
4-Methyl-2-pentanone	50 U	10 U	5.0 U	10 U	2.0 U	2.0 UJ	50 U	50 U	10 U	5.0 U	10 U	2.0 U	**0.48 J**	50 U	50 U
Methylene Chloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	5 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	5 UJ	5 UJ
Styrene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Tetrachloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,1,2,2-Tetrachloroethane	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Toluene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Trichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U
Vinyl Chloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.5**	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Xylenes (total)	3.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	3.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	2 U

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TABLE 4
GREEN POINT LANDFILL
VOLATILE ORGANIC COMPOUND GROUNDWATER ANALYTICAL DATA

ENVIRONMENTAL MONITORING PROGRAM
REALM, INC. GREEN POINT LANDFILL
SAGINAW, MICHIGAN

Location ID:	X-1A						X-1A		X-1B							X-1CR2			
Sample Date:	7/29/95	6/10/96	5/23/00	6/20/01	6/25/02	6/17/03	5/25/04	6/21/05	7/29/95	5/24/00	6/20/01	6/25/02	6/17/03	5/25/04	6/21/05	6/26/02	6/19/03	5/27/04	6/21/05
Sample Type:	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
Acetone	180 U	210 U	20 U	20 U	10 U	2.0 UJ	2.4 UJ	42 UJ	**5.5 J**	16 U	11 U	20 U	2.0 UJ	3.2 UJ	42 UJ	10 UJ	2.0 U	2.0 UJ	25 UJ
Benzene	**9.5**	**8.7 J**	**8.0**	**9.3**	**6.2**	**4.4**	**5.4**	**4.5**	**1.9**	**1.2**	**2.2**	**1.7 J**	**0.53 J**	**1.1**	**1.8**	1.0 U	1.0 U	1.0 U	1 U
Bromodichloromethane	3.6 U	2.1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	1 U
Bromoform	3.6 U	2.1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	1 U
Bromomethane	3.6 U	2.1 U	**0.34 J**	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	1 U
2-Butanone	180 U	100 U	20 UJ	20 U	10 U	2.0 U	2.0 UJ	42 U	50 U	10 UJ	10 U	20 U	2.0 U	2.0 UJ	42 U	10 U	2.0 U	2.0 UJ	25 U
Carbon disulfide	180 U	100 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	**0.86 J**	50 U	0.14 J	1.0 U	2.0 U	1.0 U	1.0 U	**0.54 J**	1.0 U	1.0 U	1.0 U	5 U
Carbon Tetrachloride	3.6 U	2.1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	1 U
Chlorobenzene	3.6 U	2.1 U	**0.33 J**	**0.33 J**	**0.21 J**	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	1 U
Chloroethane	**66**	**65**	**32**	**42**	**15**	**8.5**	**8.4**	**6.9**	**13**	**11**	**15**	**8.4**	**1.2**	**3.3**	**4.2**	1.0 U	1.0 U	1.0 U	1 U
Chloroform	3.6 U	2.1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	1 U
Chloromethane	3.6 U	2.1 U	2.0 UJ	2.0 U	1.0 U	1.0 U	1.0 U	1.7 UJ	1.0 U	**0.46 J**	**0.88 J**	2.0 U	1.0 U	1.0 U	1.7 UJ	1.0 U	1.0 U	1.0 U	1 UJ
Dibromochloromethane	3.6 U	2.1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	1 U
1,1-Dichloroethane	3.6 U	2.1 U	**0.35 J**	2.0 U	**0.54 J**	**0.38 J**	**0.51 J**	1.7 U	1.0 U	**0.13 J**	**0.18 J**	2.0 U	1.0 U	1.0 UJ	1.7 U	1.0 U	1.0 U	1.0 U	1 U
1,2-Dichloroethane	3.6 U	2.1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 UJ	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 UJ	1.7 U	1.0 U	1.0 U	1.0 U	1 U
1,1-Dichloroethene	3.6 U	2.1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	1 U
1,2-Dichloroethene (total)	3.6 U	2.1 U	2.0 U	2.0 U	--	--	--	3.3 U	1.0 U	1.0 U	1.0 U	--	--	--	3.3 U	--	--	--	2 U
cis-1,2-Dichloroethene	3.6 U	2.1 U	**0.23 J**	1.0 U	**0.45 J**	1.0 U	**0.30 J**	1.7 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U	1.0 U	1.7 U	0.50 U	1.0 U	1.0 U	1 U
trans-1,2-Dichloroethene	3.6 U	2.1 U	1.0 U	1.0 U	0.50 U	1.0 U	1.0 U	1.7 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U	1.0 U	1.7 U	0.50 U	1.0 U	1.0 U	1 U
1,2-Dichloropropane	3.6 U	2.1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	1 U
cis-1,3-Dichloropropene	3.6 U	2.1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	1 U
trans-1,3-Dichloropropene	3.6 U	2.1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	1 U
Ethylbenzene	3.6 U	2.1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	1 U
2-Hexanone	180 U	100 U	20 U	20 U	10 U	2.0 U	2.0 UJ	84 UJ	50 U	10 U	10 U	20 U	2.0 U	2.0 UJ	84 UJ	10 U	2.0 U	2.0 U	50 UJ
4-Methyl-2-pentanone	180 U	100 U	20 U	10 U	10 U	2.0 U	2.0 UJ	84 U	50 U	10 U	5.0 U	20 U	2.0 U	2.0 UJ	84 U	10 U	2.0 U	2.0 U	50 U
Methylene Chloride	3.6 U	5.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 UJ	8.4 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 UJ	8.4 U	1.0 U	1.0 U	1.0 UJ	5 U
Styrene	3.6 U	2.1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	1 U
Tetrachloroethene	3.6 U	2.1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	1 U
1,1,2,2-Tetrachloroethane	3.6 U	2.1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	1 U
Toluene	3.6 U	2.1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	1 U
1,1,1-Trichloroethane	3.6 U	2.1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.0 U	**0.44 J**	1.0 U	1 U
1,1,2-Trichloroethane	3.6 U	2.1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	1 U
Trichloroethene	3.6 U	2.1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	1 U
Vinyl Chloride	3.6 U	2.1 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	2.1 U	1.0 U	1.0 U	1.0 UJ	3.2 U
Xylenes (total)	11 U	6.2 U	**2.5**	**2.3**	**0.78 J**	**0.77 J**	**0.99 J**	**1.4 J**	3.0 U	1.0 U	**0.63 J**	2.0 U	1.0 U	1.0 U	3.3 U	1.0 U	1.0 U	1.0 U	2 U

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TABLE 4
GREEN POINT LANDFILL
VOLATILE ORGANIC COMPOUND GROUNDWATER ANALYTICAL DATA

ENVIRONMENTAL MONITORING PROGRAM
REALM, INC. GREEN POINT LANDFILL
SAGINAW, MICHIGAN

Location ID:	X-2A					X-2A		X-10A		X-10AR2					
Sample Date:	7/15/95	5/19/00	6/18/01	6/26/02	6/17/03	5/25/04	6/22/05	6/13/96	5/24/00	11/27/01	11/27/01	6/26/02	6/19/03	5/25/04	6/22/05
Sample Type:	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	DUP	FS	FS	FS	FS
Acetone	50 UJ	10 U	10 U	10 UJ	2.0 UJ	8.3 UJ	25 UJ	100 U	10 U	10 UJ	10 UJ	10 UJ	2.0 U	2.0 UJ	25 UJ
Benzene	1.0 U	**0.36 J**	**0.57 J**	**0.71 J**	**0.60 J**	1.7 U	1 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Bromodichloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Bromoform	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Bromomethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 UJ
2-Butanone	50 UJ	10 U	10 U	10 U	2.0 U	3.3 UJ	25 UJ	50 U	10 UJ	10 UJ	10 UJ	10 U	2.0 U	2.0 UJ	25 UJ
Carbon disulfide	50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	5 U	50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5 U
Carbon Tetrachloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Chlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Chloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Chloroform	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Chloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1 UJ
Dibromochloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,1-Dichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 UJ	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1 U
1,2-Dichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 UJ	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1 U
1,1-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,2-Dichloroethene (total)	1.0 U	1.0 U	1.0 U	--	--	--	0.7 J	1.0 U	1.0 U	--	--	--	--	--	2 U
cis-1,2-Dichloroethene	1.0 U	0.50 U	0.50 U	0.50 U	1.0 U	1.7 U	1 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1 U
trans-1,2-Dichloroethene	1.0 U	0.50 U	0.50 U	0.50 U	1.0 U	1.7 U	1 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1 U
1,2-Dichloropropane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Ethylbenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
2-Hexanone	50 U	10 U	10 U	10 U	2.0 U	3.3 UJ	50 U	50 U	10 U	10 UJ	10 UJ	10 U	2.0 U	2.0 UJ	50 UJ
4-Methyl-2-pentanone	50 U	10 U	5.0 U	10 U	2.0 U	3.3 UJ	50 U	50 U	10 U	10 U	10 U	10 U	2.0 U	2.0 UJ	50 U
Methylene Chloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 UJ	5 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	5 UJ
Styrene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Tetrachloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Toluene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Trichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Vinyl Chloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.5 J**	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Xylenes (total)	3.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2 U	3.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U

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TABLE 4
GREEN POINT LANDFILL
VOLATILE ORGANIC COMPOUND GROUNDWATER ANALYTICAL DATA

ENVIRONMENTAL MONITORING PROGRAM
REALM, INC. GREEN POINT LANDFILL
SAGINAW, MICHIGAN

Location ID:	X-16A								X-16B						
Sample Date:	7/27/95	5/24/00	6/19/01	6/25/02	6/17/03	5/26/04	5/26/04	6/21/05	7/28/95	5/19/00	6/20/01	6/26/02	6/17/03	5/26/04	6/21/05
Sample Type:	FS	FS	FS	FS	FS	FS	DUP	FS	FS	FS	FS	FS	FS	FS	FS
Acetone	50 U	10 U	10 U	10 U	2.0 UJ	2.0 UJ	2.0 UJ	25 UJ	50 UJ	10 U	10 U	10 UJ	2.0 UJ	2.0 UJ	25 UJ
Benzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Bromodichloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Bromoform	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Bromomethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
2-Butanone	50 U	10 UJ	10 U	10 U	2.0 U	2.0 UJ	2.0 UJ	25 U	50 UJ	10 U	10 U	10 U	2.0 U	2.0 UJ	25 U
Carbon disulfide	50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5 U	50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5 U
Carbon Tetrachloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Chlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Chloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Chloroform	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Chloromethane	1.0 U	**0.18 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 UJ
Dibromochloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,1-Dichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,2-Dichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,1-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,2-Dichloroethene (total)	1.0 U	1.0 U	1.0 U	--	--	--	--	2 U	1.0 U	1.0 U	1.0 U	--	--	--	2 U
cis-1,2-Dichloroethene	1.0 U	**0.28 J**	0.50 U	0.50 U	1.0 U	**0.39 J**	**0.37 J**	1 U	1.0 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1 U
trans-1,2-Dichloroethene	1.0 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1 U
1,2-Dichloropropane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
trans-1,3-Dichloropropene	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Ethylbenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
2-Hexanone	R	10 U	10 U	10 U	2.0 U	2.0 U	2.0 U	50 UJ	50 U	10 U	10 U	10 U	2.0 U	2.0 U	50 UJ
4-Methyl-2-pentanone	50 U	10 U	5.0 U	10 U	2.0 U	2.0 U	2.0 U	50 U	50 U	10 U	5.0 U	10 U	2.0 U	2.0 U	50 U
Methylene Chloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	5 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	5 UJ
Styrene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Tetrachloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Toluene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.19 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
Trichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1 U
Vinyl Chloride	1.0 U	**5.8**	**4.3**	**4.4**	**4.2**	**6.3**	**6.4**	**5.1**	1.0 U	1.0 U	**0.34 J**	**0.48 J**	1.0 U	1.0 U	1 U
Xylenes (total)	3.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U	3.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2 U

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TABLE 4
GREEN POINT LANDFILL
VOLATILE ORGANIC COMPOUND GROUNDWATER ANALYTICAL DATA

ENVIRONMENTAL MONITORING PROGRAM
REALM, INC. GREEN POINT LANDFILL
SAGINAW, MICHIGAN

General Notes:

All concentrations in micrograms per liter (ug/L); equivalent to parts per billion (ppb), unless otherwise noted.
All detections are shown in bold.
Data from the 2005 sampling event are shaded.
-- = Sample was not analyzed for the listed constituent.

Location ID: MW, X = Permanent monitoring wells.
WT = Water table monitoring wells.
S1 = Well screened at top of sand unit; increasing numbers indicate increased depth within the sand unit (e.g., S2, S3, S4).

Sample Type FS = Primary field sample, collected by BBL.
DUP = Duplicate field sample, collected by BBL.

Data Qualifiers:

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.
R = The sample results were rejected.
U = The constituent was analyzed for but not detected. The associated value is the constituent quantitation limit.

TABLE 5
GREEN POINT LANDFILL
TAL INORGANIC CONSTITUENTS AND INDICATOR PARAMETERS GROUNDWATER ANALYTICAL DATA

ENVIRONMENTAL MONITORING PROGRAM
REALM, INC. GREEN POINT LANDFILL
SAGINAW, MICHIGAN

Location ID:	MW-117WT										MW-117S1			
Sample Date:	6/20/95	7/14/95	6/11/96	5/19/00	6/18/01	6/26/02	6/19/03	12/9/2004	12/9/2004	6/23/2005	6/20/95	7/14/95	6/11/96	5/19/00
Sample Type:	FS	FS	FS	FS	FS	FS	FS	FS	DUP	FS	FS	FS	FS	FS
Dissolved TAL Inorganics (ug/L)														
Aluminum	**350**	--	100 U	100 U	100 U	100 U	100 U	--	--	200 U	**117**	--	**120**	100 U
Antimony	5.0 U	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	**0.29 B**	5.0 U	--	5.0 U	5.0 U
Arsenic	**1.3**	--	--	10 U	10 U	**2.2 B**	10 U	**4.1**	**4.6 J**	**4.5**	**1.2**	--	--	10 U
Barium	**2,210**	--	**2,520**	**3,580**	**3,170**	**2,970**	**3,250**	**3,110 J**	**2,880 J**	**2,360 J**	**1,410**	--	**1,670**	**1,720**
Beryllium	5.0 U	--	--	4.0 U	4.0 U	4.0 U	4.0 U	1.0 U	1.0 U	1 U	5.0 U	--	--	4.0 U
Cadmium	0.20 U	--	--	1.0 U	**1.8**	1.0 U	**3.8**	0.500 U	0.500 U	0.5 U	0.20 U	--	--	1.0 U
Calcium	**1,340,000 J**	--	--	**1,200,000**	**1,090,000**	**1,110,000**	**1,160,000**	--	--	**896,000 J**	**133,000 J**	--	--	**163,000**
Chromium	50 U	--	--	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	**1.2 B**	50 U	--	--	5.0 U
Cobalt	50 U	--	--	40 U	40 U	40 U	40 U	**3.6**	**2.3**	**2.5**	50 U	--	--	40 U
Copper	25 U	--	--	25 U	25 U	25 U	25 U	3.1 U	2.7 U	2.7 U	25 U	--	--	25 U
Iron	**100,000**	--	**124,000**	**149,000**	**137,000**	**128,000**	**139,000**	**143,000 J**	**125,000 J**	**122,000**	**5,780**	--	**8,260**	**8,730**
Lead	3.0 UJ	--	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	1.0 U	1.0 U	1 U	3.0 UJ	--	3.0 U	3.0 U
Magnesium	**485,000**	--	**545,000**	**593,000**	**550,000**	**518,000**	**584,000**	--	--	**471,000**	**42,500**	--	**50,400**	**52,100**
Manganese	**5,130**	--	**5,190**	**5,510**	**4,900**	**4,850**	**5,480**	**5,150 J**	**3,970 J**	**3,810 J**	**347**	--	**330**	**341**
Mercury	0.20 UJ	--	--	0.20 U	0.20 UJ	0.20 UJ	0.20 UJ	0.200 U	0.200 U	0.2 U	0.20 UJ	--	--	0.20 U
Nickel	50 U	--	50 U	**23.3 B**	**18.2 B**	**18 B**	**20 B**	**34 J**	**29 J**	**25.2**	50 U	--	50 U	40 U
Potassium	**6,960**	--	--	**41,300**	**39,800 J**	**40,500 J**	**47,000**	--	--	**42,800 J**	5,000 U	--	--	**2,330 B**
Selenium	5.0 UJ	--	--	5.0 U	5.0 U	5.0 U	5.0 U	**14 J**	**14 J**	**16.1**	5.0 UJ	--	--	5.0 U
Silver	0.50 U	--	--	5.0 U	5.0 U	5.0 U	5.0 U	0.500 U	0.500 UJ	0.5 U	0.50 U	--	--	5.0 U
Sodium	**463,000**	--	**499,000**	**590,000**	**559,000**	**539,000**	**628,000**	--	--	**564,000**	**101,000**	--	**108,000**	**120,000**
Thallium	4.0 UJ	--	--	**17.9**	10 U	**8.9 BJ**	10 U	1.0 U	1.0 U	1 U	2.0 UJ	--	--	**5.0 B**
Vanadium	20 U	--	--	50 U	50 U	50 U	50 U	5.0 U	5.0 U	5 U	20 U	--	--	50 U
Zinc	R	--	20 U	20 U	20 U	20 U	20 U	54 U	56 UJ	**70.4 J**	R	--	20 U	20 U
Cyanide, Total	5.0 U	--	--	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	10 U	5.0 U	--	--	5.0 U
Landfill Indicator Parameters														
pH (Standard Units)	--	--	--	**6.4**	**7.1**	**7.2**	**7.1**	**7.2**	**7.2**	**6.4**	--	--	--	**7.0**
Total Dissolved Solids (mg/L)	--	**11,000**	--	**11,000**	**13,000**	**11,000**	**13,000**	**7,800 J**	**7,900 J**	**9,600 J**	--	**990**	--	**840**
Chloride (mg/L)	--	**4,600**	--	**4,930 J**	**5,380**	**5,540**	**4,680**	**4,650 J**	**4,420 J**	**3,970**	--	**230**	--	**284 J**
Sulfate (mg/L)	--	--	--	25 UG	**0.23 B**	**0.32 B**	**0.34 BJG**	**0.24 B**	1.0 U	**0.23 B**	--	--	--	2.0 UG
Nitrate (as N) (mg/L)	--	--	--	12.5 UG	0.50 U	1.0 U	1.0 U	0.10 U	0.10 U	0.1 U	--	--	--	1.0 UG
Nitrite (as N) (mg/L)	--	--	--	12.5 UG	R	25 U	25 U	1.0 UG	1.0 UG	2 U	--	--	--	1.0 UG
Nitrogen, Ammonia (mg/L)	--	**30 J**	--	**46**	**63**	**63**	**63**	**65**	**69**	**59 J**	--	1 UJ	--	**5.1**

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TABLE 5
GREEN POINT LANDFILL
TAL INORGANIC CONSTITUENTS AND INDICATOR PARAMETERS GROUNDWATER ANALYTICAL DATA

ENVIRONMENTAL MONITORING PROGRAM
REALM, INC. GREEN POINT LANDFILL
SAGINAW, MICHIGAN

Location ID:	MW-117S1					MW-118WT								
Sample Date:	6/18/01	6/26/02	6/19/03	5/27/2004	6/23/2005	6/20/95	7/14/95	6/11/96	5/17/00	6/19/01	6/19/01	6/27/02	6/27/02	6/19/03
Sample Type:	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	DUP	FS	DUP	FS
Dissolved TAL Inorganics (ug/L)														
Aluminum	100 U	100 U	100 U	100 U	200 U	563	--	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Antimony	5.0 U	5.0 U	5.0 U	5.0 U	2 U	5.0 U	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	10 U	10 U	10 U	10 U	2.7	1.0	--	--	10 U	5.1 B	7.4 B	3.9 B	7.9 B	10 U
Barium	1,740	1,740	1,800	1,780	1,530 J	1,970	--	2,420	7,970	10,700	11,200	8,650	9,200	5,620
Beryllium	4.0 U	4.0 U	4.0 U	4.0 U	1 U	5.0 U	--	--	4.0 U	5.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Cadmium	1.0 U	1.0 U	1.0 U	1.0 U	0.5 U	0.20 U	--	--	1.5	8.3	8.6	2.5	2.9	6.6
Calcium	157,000	156,000	171,000	167,000 J	165,000 J	1,950,000 J	--	--	4,890,000	5,750,000	6,040,000	4,630,000	4,880,000	2,940,000
Chromium	5.0 U	5.0 U	5.0 U	5.0 U	2 U	50 U	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cobalt	40 U	40 U	40 U	40 U	0.75 B	50 U	--	--	40 U	40 U	40 U	40 U	40 U	40 U
Copper	25 U	25 U	25 U	25 U	2 U	25 U	--	--	25 U	25 U	25 U	25 U	25 U	25 U
Iron	9,120	8,650	9,160	10,100	8,150	71,500	--	93,100	261,000	330,000	344,000	259,000	277,000	173,000
Lead	3.0 U	3.0 U	3.0 U	3.0 U	0.38 B	3.0 UJ	--	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	51,700	49,400	52,900	51,800 J	52,600	372,000	--	457,000	1,330,000	1,760,000	1,840,000	1,390,000	1,470,000	916,000
Manganese	340	326	354	326 J	289 J	5,460	--	5,390	8,930	7,740	8,070	6,250	6,360	4,110
Mercury	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.2 U	0.20 UJ	--	--	0.20 U	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ
Nickel	40 U	40 U	40 U	40 U	2.3	50 U	--	50 U	17.7 B	23.5 B	24.4 B	29 B	31 B	36 B
Potassium	2,270 BJ	2,490 BJ	2,540 B	2,330 J	2,390 BJ	5,000 U	--	--	16,800	30,700 J	32,400 J	40,000 J	43,400 J	37,200
Selenium	5.0 U	5.0 U	5.0 U	5.0 U	5.4	5.0 UJ	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	5.0 U	5.0 U	5.0 U	5.0 U	0.5 U	0.50 U	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Sodium	121,000	114,000	118,000	115,000	118,000	175,000	--	229,000	647,000	955,000	976,000	925,000	970,000	764,000
Thallium	10 U	10 UJ	10 U	10 U	0.39 B	2.0 UJ	--	--	26.8	10 U	6.5 B	19 J	7.8 BJ	10 U
Vanadium	50 U	50 U	50 U	50 U	5 U	20 U	--	--	50 U	50 U	50 U	50 U	50 U	50 U
Zinc	12.3 B	20 U	20 U	20 U	54.7 J	R	--	22.3 U	17.8 B	20 U	20 U	20 U	20 U	20 U
Cyanide, Total	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Landfill Indicator Parameters														
pH (Standard Units)	8.0	8.0	8.1	7	7	--	--	--	6.2	6.9	7.0	6.8	6.8	7.7
Total Dissolved Solids (mg/L)	920	970	1,000	1,000	970 J	--	1,400	--	37,000	34,000	36,000	42,000	41,000	23,000
Chloride (mg/L)	269	270	264	275	270	--	3,700	--	16,100	21,800	18,800	16,900	16,500	9,740
Sulfate (mg/L)	0.26 B	0.14 B	1.0 UJ	0.44 B	1 U	--	--	5.0 U	100 UG	100 U	0.63 B	0.59 B	0.56 B	0.70 BJG
Nitrate (as N) (mg/L)	0.50 U	0.50 U	0.50 U	0.50 U	0.1 U	--	--	0.08 U	50 UG	50 U	0.50 U	2.5 U	2.5 U	2.0 U
Nitrite (as N) (mg/L)	R	0.50 U	0.14 BJ	0.16 B	0.1 U	--	--	0.07 U	50 UG	R	R	2.5 U	2.5 U	50 U
Nitrogen, Ammonia (mg/L)	11	7.1	7.4	7.3	8.4 J	--	10 J	--	26	92	76	82	88	66

See Notes, Page 9

TABLE 5
GREEN POINT LANDFILL
TAL INORGANIC CONSTITUENTS AND INDICATOR PARAMETERS GROUNDWATER ANALYTICAL DATA

ENVIRONMENTAL MONITORING PROGRAM
REALM, INC. GREEN POINT LANDFILL
SAGINAW, MICHIGAN

Location ID:	MW-118WT			MW-118S1										MW-128WT	
Sample Date:	6/19/03	5/27/2004	6/23/2005	6/20/95	7/14/95	6/11/96	5/17/00	5/17/00	6/19/01	6/27/02	6/19/03	12/9/2004	6/23/2005	7/26/95	3/12/97
Sample Type:	DUP	FS	FS	FS	FS	FS	FS	DUP	FS	FS	FS	FS	FS	FS	FS
Dissolved TAL Inorganics (ug/L)															
Aluminum	100 U	100 U	200 U	219	--	100 U	100 U	100 U	100 U	100 U	100 U	--	200 U	448	--
Antimony	5.0 U	5.0 U	0.17 B	5.0 U	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2 U	5.0 U	--
Arsenic	10 U	3.2	3.4	1.8	--	--	10 U	10 U	10 U	10 U	10 U	2.3 J	1.9 B	3.7	--
Barium	5,420	4,350	2,210 J	482	--	532	593	612	645	622	713	718 J	676 J	628	--
Beryllium	4.0 U	4.0 U	1 U	5.0 U	--	--	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	1.0 U	1 U	5.0 U	--
Cadmium	6	0.72	0.5 U	0.20 U	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.500 U	0.5 U	0.20 UJ	--
Calcium	2,840,000	2,290,000 J	953,000 J	120,000 J	--	--	156,000	156,000	151,000	151,000	172,000	--	160,000 J	360,000	--
Chromium	5.0 U	2.1	1.5 B	50 U	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2 U	50 U	--
Cobalt	40 U	40 U	5	50 U	--	--	40 U	40 U	40 U	40 U	40 U	1.0 U	0.68 B	50 U	--
Copper	25 U	25 U	3.6 U	25 U	--	--	25 U	25 U	25 U	25 U	25 U	2.0 U	2 U	25 U	--
Iron	166,000	135,000	92,400	2,500	--	5,390	6,090	6,150	7,070	6,070	7,570	7,420 J	6,630	24,500	--
Lead	3.0 U	3.0 U	1 U	3.0 UJ	--	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	1.0 U	1 U	3.0 U	--
Magnesium	883,000	721,000 J	444,000	38,100	--	47,000	49,300	49,800	49,400	47,900	53,700	--	50,900	115,000	--
Manganese	4,000	3,080 J	1,560 J	347	--	383	420	415	428	408	476	405 J	370 J	918	--
Mercury	0.20 UJ	0.20 U	0.2 U	0.20 UJ	--	--	0.20 U	0.20 U	0.20 UJ	0.20 UJ	0.20 UJ	0.200 U	0.2 U	0.20 U	--
Nickel	35 B	39	43.4	50 U	--	50 U	40 U	40 U	40 U	40 U	40 U	3.1 UJ	2.3	50 U	--
Potassium	35,200	33,900 J	29,400 J	5,000 U	--	--	2,170 B	2,180 B	2,120 BJ	2,380 BJ	2,510 B	--	2,520 B	5,420	--
Selenium	5.0 U	5.0 U	16.3	5.0 UJ	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 J	3.5	5.0 U	--
Silver	5.0 U	5.0 U	0.5 U	0.50 U	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.500 UJ	0.5 U	0.50 U	--
Sodium	735,000	662,000	541,000	97,300	--	112,000	121,000	122,000	117,000	112,000	118,000	--	112,000	720,000	--
Thallium	10 U	10 U	0.089 B	2.0 UJ	--	--	8.1 B	5.4 B	10 U	10 UJ	10 U	1.0 U	1 U	8.0 UJ*	--
Vanadium	50 U	1.5	5 U	20 U	--	--	50 U	50 U	50 U	50 U	50 U	5.0 U	5 U	20 U	--
Zinc	20 U	20 U	67.3 J	R	--	35.8 U	20 U	20 U	20 U	20 U	20 U	21 UJ	25.8 J	31	--
Cyanide, Total	5.0 U	5.0 U	10 U	5.0 U	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	8.3	--
Landfill Indicator Parameters															
pH (Standard Units)	7.0	6.4	6.4	--	--	--	7.0	7.0	8.0	7.1	8.1	8	7	--	--
Total Dissolved Solids (mg/L)	24,000	15,000	12,000 J	--	8,000	--	930	940	910	1,200	1,000	980 J	520 J	--	--
Chloride (mg/L)	9,470	7,580	4,670	--	260	--	284	281	272	286	264	270 J	296	--	--
Sulfate (mg/L)	1.2 BJG	2.0 U	5	--	--	5.0 U	4.0 UG	4.0 UG	0.15 B	1.6	1.0 UJ	1.0 U	1 U	--	5.0 U
Nitrate (as N) (mg/L)	2.0 U	1.0 U	0.1 U	--	--	0.08 U	2.0 UG	2.0 UG	0.50 U	0.50 U	0.50 U	0.10 U	0.1 U	--	0.14
Nitrite (as N) (mg/L)	50 U	25 U	2 U	--	--	0.07 U	2.0 UG	2.0 UG	R	0.50 U	0.50 U	0.10 U	0.1 U	--	0.07 U
Nitrogen, Ammonia (mg/L)	65	66	47 J	--	4.8 J	--	5.9	6.2	8.4	7.3	6.2	5.9	7.3 J	--	--

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TABLE 5
GREEN POINT LANDFILL
TAL INORGANIC CONSTITUENTS AND INDICATOR PARAMETERS GROUNDWATER ANALYTICAL DATA

ENVIRONMENTAL MONITORING PROGRAM
REALM, INC. GREEN POINT LANDFILL
SAGINAW, MICHIGAN

Location ID:	MW-128WT						MW-128S1								
Sample Date:	5/19/00	6/20/01	6/26/02	6/18/03	5/25/2004	6/22/2005	7/26/95	3/12/97	5/19/00	6/20/01	6/26/02	6/18/03	5/25/2004	6/22/2005	6/22/2005
Sample Type:	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	DUP
Dissolved TAL Inorganics (ug/L)															
Aluminum	100 U	100 U	100 U	100 U	100 U	200 U	502	--	100 U	100 U	100 U	100 U	100 U	200 U	200 U
Antimony	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2 U	5.0 U	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2 U	2 U
Arsenic	5.1 B	5.9 B	5.8 B	3.7 B	3.8 B	16.4	17.3	--	18.1	19	23	2.5 B	6.9 B	14.2	18.1
Barium	142	219	244	223	188	190	936	--	820	791	727	354	405	316	362
Beryllium	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	1 U	5.0 U	--	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	1 U	1 U
Cadmium	1.0 U	1.0 U	1.0 U	0.35 B	1.0 U	0.15 B	0.20 UJ	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.5 U	0.5 U
Calcium	217,000	186,000	152,000	169,000	124,000	123,000	442,000	--	398,000	367,000	365,000	304,000	281,000	381,000	355,000
Chromium	1.7 B	2.0 B	2.7 B	2.4 B	5.0 U	3.2	50 U	--	4.2 B	1.9 B	2.6 B	5.0 U	5.0 U	2 U	2 U
Cobalt	1.7 B	7.5 B	9.3 B	7.8 B	8.0 B	8.3	50 U	--	4.3 B	4.6 B	5.0 B	40 U	2.4 B	1.9	2.2
Copper	25 U	25 U	25 U	25 U	25 U	2 U	25 U	--	25 U	25 U	25 U	25 U	25 U	2 U	2 U
Iron	20,100	19,400	14,900	16,700	10,900	8,580	31,900	--	22,000	20,400	22,900	100 U	3,460	1,330	1,450
Lead	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	1 U	3.0 U	--	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	1 U	1 U
Magnesium	54,600	61,500	68,300	80,900	65,800	88,900	170,000	--	145,000	136,000	138,000	8,300 U	43,200	12,100	11,400
Manganese	2,170	1,520	828	760	388	246	437	--	339	377	342	20 U	189	25	27.7
Mercury	0.20 U	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.2 U	0.20 U	--	0.20 U	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.2 U	0.2 U
Nickel	14.5 B	25.8 B	32 B	25 B	27 B	31.6	50 U	--	25.6 B	24 B	19 B	25 B	18 B	29.3	31.2
Potassium	33,900	63,900 J	89,200 J	86,000	93,600	137,000	5,000 U	--	7,750	8,760 J	5,900 J	17,700	10,100	12,000	11,200
Selenium	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	47.2	5.0 U	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	39.1	52.3
Silver	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.079 BJ	0.50 U	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.14 BJ	0.047 BJ
Sodium	331,000	509,000	556,000	504,000	479,000	654,000	582,000	--	515,000	528,000	498,000	373,000	349,000	424,000	398,000
Thallium	6.9 B	10 U	10 UJ	10 U	10 U	1 U	8.0 UJ*	--	6.2 B	6.1 B	6.5 BJ	10 U	10 U	1 U	1 U
Vanadium	50 U	50 U	50 U	50 U	50 U	5 U	20 U	--	50 U	3.3 B	3.1 B	50 U	50 U	1.1 B	1 B
Zinc	20 U	20 U	20 U	20 U	20 U	10 U	24	--	20 U	20 U	20 U	20 U	20 U	12.6 U	14 U
Cyanide, Total	5.0 U	5.0 U	2.1 B	5.0 U	5.0 U	10 U	8.8	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U
Landfill Indicator Parameters															
pH (Standard Units)	7.2	7.9	8	8.1	7.6	7.6	--	--	6.7	7.7	7.6	9.8	9.2	8.5	8.5
Total Dissolved Solids (mg/L)	1,800	2,100	2,700	2,100	2,100	2,600	--	--	3,000	3,100	3,100	2,700	2,400	2,800	2,800
Chloride (mg/L)	775 J	995	1,280	1,000	905	1,170	--	--	1,320 J	1,230	1,460	1,090	1,220	1,230	1,230
Sulfate (mg/L)	101	105	59.2	174 J	132	45.8	--	5.0 U	3.8 BG	5.0	3.0	22.7 J	27.2	33.8	33.8
Nitrate (as N) (mg/L)	2.5 UG	0.50 U	0.50 U	0.50 U	0.50 U	0.1 U	--	0.08 U	5.0 UG	0.50 U	0.50 U	0.50 U	0.040 B	0.1 U	0.1 U
Nitrite (as N) (mg/L)	2.5 UG	R	10 U	0.50 U	5.0 U	2 UJ	--	0.07 U	5.0 UG	R	10 U	0.50 U	0.50 U	2 UJ	2 UJ
Nitrogen, Ammonia (mg/L)	13	66	97	100	110	120	--	--	3.3	7.4	7.2	6.9	6.4	5.6	5.7

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TABLE 5
GREEN POINT LANDFILL
TAL INORGANIC CONSTITUENTS AND INDICATOR PARAMETERS GROUNDWATER ANALYTICAL DATA

ENVIRONMENTAL MONITORING PROGRAM
REALM, INC. GREEN POINT LANDFILL
SAGINAW, MICHIGAN

Location ID:	X-1A										X-1B						
Sample Date:	7/29/95	6/10/96	3/8/97	5/23/00	6/20/01	6/25/02	6/17/03	6/18/03	5/25/2004	6/21/2005	7/29/95	6/10/96	3/9/97	5/24/00	6/20/01	6/25/02	6/17/03
Sample Type:	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
Dissolved TAL Inorganics (ug/L)																	
Aluminum	100 U	100 U	--	100 U	100 U	100 U	--	100 U	100 U	200 U	100 U	118 U	--	100 U	100 U	100 U	--
Antimony	5.0 U	5.0 U	--	5.0 U	5.0 U	5.0 U	--	5.0 U	5.0 U	0.12 B	5.0 U	5.0 U	--	5.0 U	5.0 U	5.0 U	--
Arsenic	3.6	--	--	3.5 B	4.4 B	3.1 B	--	10 U	2.7 B	4.7	3.1	--	--	10 U	4.3 B	3.5 B	--
Barium	535	515	--	475	599	304	--	287	173	137	887	870	--	770	644	706	--
Beryllium	5.0 U	--	--	4.0 U	4.0 U	4.0 U	--	4.0 U	4.0 U	1 U	5.0 U	--	--	4.0 U	4.0 U	4.0 U	--
Cadmium	0.20 UJ	--	--	1.0 U	1.0 U	1.0 U	--	0.69 B	1.0 U	0.5 U	0.38 J	--	--	1.0 U	1.0 U	1.0 U	--
Calcium	175,000	--	--	168,000	172,000	138,000	--	156,000	101,000	97,600	371,000	--	--	380,000	352,000	357,000	--
Chromium	50 U	--	--	3.2 B	5.4	2.4 B	--	5.0 U	5.0 U	10 U	50 U	--	--	3.8 B	2.2 B	3.1 B	--
Cobalt	50 U	--	--	40 U	4.9 B	2.6 B	--	40 U	2.9 B	2.8 BG	50 U	--	--	6.1 B	6.5 B	5.6 B	--
Copper	25 U	--	--	25 U	25 U	25 U	--	25 U	25 U	2 U	25 U	--	--	25 U	25 U	25 U	--
Iron	7,120	30,000 J	--	18,500 J	16,000	14,200	--	38,900	19,200	21,400	22,900	21,200 J	--	22,100 J	22,400	20,300	--
Lead	3.0 U	3.0 U	--	3.0 U	3.0 U	3.0 U	--	3.0 U	3.0 U	1 U	3.0 U	3.0 U	--	3.0 U	3.0 U	3.0 U	--
Magnesium	110,000	102,000	--	111,000	106,000	80,600	--	98,000	56,400	49,600	124,000	121,000	--	118,000	116,000	113,000	--
Manganese	666	1,210 J	--	835	703	646	--	1,090	705	693	1,030	838 J	--	795	935	842	--
Mercury	0.20 UJ	--	--	0.20 U	0.20 UJ	0.20 UJ	--	0.20 U	0.20 U	0.2 U	0.20 UJ	--	--	0.20 U	0.20 UJ	0.20 UJ	--
Nickel	50 U	50 U	--	17.2 B	28.1 B	19 B	--	17 B	14 B	13.8	50 U	50 U	--	29.6 B	32.4	30 B	--
Potassium	235,000	--	--	163,000	192,000 J	118,000 J	--	98,100	79,800	65,400 J	53,700	--	--	40,500	37,800 J	34,700 J	--
Selenium	5.0 U	--	--	5.0 U	5.0 U	5.0 U	--	5.0 U	5.0 U	12.4	5.0 U	--	--	5.0 U	5.0 U	5.0 U	--
Silver	0.50 U	--	--	5.0 U	5.0 U	5.0 U	--	5.0 U	5.0 U	0.5 UJ	0.50 U	--	--	5.0 U	5.0 U	5.0 U	--
Sodium	580,000	389,000	--	339,000	464,000	353,000	--	311,000	275,000	258,000	758,000	831,000	--	858,000	793,000	777,000	--
Thallium	8.0 UJ*	--	--	10 U	5.7 B	7.3 BJ	--	10 U	10 U	1 U	4.0 UJ*	--	--	6.6 B	6.4 B	8.2 BJ	--
Vanadium	20 U	--	--	50 U	50 U	50 U	--	50 U	50 U	25 U	20 U	--	--	2.4 B	1.7 B	2.0 B	--
Zinc	20 U	20 U	--	20 U	20 U	20 U	--	20 U	20 U	10	143	42.5 U	--	20 U	32.5	21	--
Cyanide, Total	5.0 U	--	--	4.5 B	4.8 B	3.5 B	5.0 U	--	5.0 U	10 U	9.1	--	--	5.5	5.0	4.7 B	5.0 U
Landfill Indicator Parameters																	
pH (Standard Units)	--	--	--	7.0	7.8	7.3	--	7.9	7.1	7	--	--	--	6.6	7.4	6.9	--
Total Dissolved Solids (mg/L)	--	--	--	2,300	2,100	2,000	--	1,700	1,400	1,300	--	--	--	2,600	3,000	3,700	--
Chloride (mg/L)	--	--	--	505	893	714 J	--	593	473	419	--	--	--	1,440	1,280	1,410 J	--
Sulfate (mg/L)	--	5.0 U	5.0 U	528	5.1	0.18 B	--	95.4 J	2.5	1 U	--	5.0 U	5.0 U	51.2	31.7	30.2	--
Nitrate (as N) (mg/L)	--	0.08 U	0.08 U	2.5 U	0.50 U	0.50 U	--	0.50 U	0.02 B	0.1 U	--	0.08 U	0.08 U	10 U	0.50 U	0.50 U	--
Nitrite (as N) (mg/L)	--	0.07 U	0.07 U	2.5 U	R	10 U	--	0.50 U	0.50 U	0.5 U	--	0.07 U	0.07 U	10 U	R	0.53 B	--
Nitrogen, Ammonia (mg/L)	--	--	--	160	210	94	74	--	73	59	--	--	--	24	59	31	7

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TABLE 5
GREEN POINT LANDFILL
TAL INORGANIC CONSTITUENTS AND INDICATOR PARAMETERS GROUNDWATER ANALYTICAL DATA

ENVIRONMENTAL MONITORING PROGRAM
REALM, INC. GREEN POINT LANDFILL
SAGINAW, MICHIGAN

Location ID:	X-1B			X-1CR2				X-2A								X-10A	
Sample Date:	6/18/03	5/25/2004	6/21/2005	6/26/02	6/19/03	5/27/2004	6/21/2005	7/15/95	5/19/00	6/18/01	6/26/02	6/17/03	6/18/03	5/25/2004	6/22/2005	6/13/96	5/24/00
Sample Type:	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
Dissolved TAL Inorganics (ug/L)																	
Aluminum	100 U	100 U	200 U	100 U	84,400	106 UJ	200 U	111	100 U	100 U	100 U	--	100 U	100 U	200 U	100 U	100 U
Antimony	5.0 U	5.0 U	0.48 B	5.0 U	5.0 U	5.0 U	0.22 B	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U	5.0 U	2 U	5.0 U	5.0 U
Arsenic	10 U	10 U	6.8	3.7 B	27	10 U	1.8 B	1.0 U	3.4 B	10 U	2.2 B	--	10 U	2.7 B	8	5.0 U	10 U
Barium	525	350	657	34 B	534 J	30	23.5	365	410	432	358	--	376	336	220	200 U	44.4 B
Beryllium	4.0 U	4.0 U	1 U	4.0 U	3.8 B	4.0 U	1 U	5.0 U	4.0 U	4.0 U	4.0 U	--	4.0 U	4.0 U	1 U	5.0 U	4.0 U
Cadmium	0.33 B	1.0 U	0.5 U	1.0 U	3.9	0.50	0.78	0.20 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	0.5 U	0.50 U	1.0 U
Calcium	309,000	270,000	305,000	68,100	554,000	72,600 J	72,700	76,400	98,200	103,000	83,800	--	92,800	84,900	220,000	117,000	209,000
Chromium	1.9 B	5.0 U	10 U	5.0 U	180	5.0 U	2 U	50 U	5.0 U	5.0 U	5.0 U	--	5.0 U	5.0 U	2 U	50 U	5.0 U
Cobalt	4.0 B	5.7 B	6.1	40 U	51	3.4	0.58 B	50 U	40 U	1.3 B	0.83 B	--	40 U	2.7 B	0.52 B	50 U	40 U
Copper	25 U	25 U	0.86 B	25 U	112	25 U	2.9	25 U	25 U	25 U	25 U	--	25 U	25 U	2 U	25 U	25 U
Iron	19,200	14,000	21,500	100 U	98,000	100 U	229	254 J	429	606	577	--	100 U	555	12,200	100 UJ	100 UJ
Lead	3.0 U	3.0 U	1 U	3.0 U	58	3.0 U	1 U	3.0 U	3.0 U	3.0 U	3.0 U	--	3.0 U	3.0 U	1 U	3.0 U	3.0 U
Magnesium	105,000	93,300	95,500	33,300	211,000 J	34,000 J	34,000	23,300	40,400	43,500	34,600	--	33,600	27,100	52,700	22,400	48,700
Manganese	1,290	1,330	1,100	74	2,000	23 J	1.9	517	569	625	518	--	579	480	991	22.5	152
Mercury	0.20 U	0.20 U	0.2 U	0.20 UJ	0.20 UJ	0.20 U	0.2 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ	--	0.20 U	0.20 U	0.2 U	0.20 U	0.20 U
Nickel	17 B	12 B	28.1	40 U	131	40 U	1.8 B	50 U	13.4 B	10.8 B	9.4 B	--	6.9 B	8.3 B	5.3	50 U	40 U
Potassium	32,400	23,200	34,000 J	3,310 BJ	28,800	2,710 J	2,710 BJ	19,900	33,500	35,500 J	33,300 J	--	39,200	35,400	2,090 B	9,450	8,910
Selenium	5.0 U	5.0 U	19.5	5.0 U	5.0 U	5.0 U	2.4	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U	5.0 U	16.3	5.0 U	5.0 U
Silver	5.0 U	5.0 U	0.5 UJ	5.0 U	5.0 U	5.0 U	0.5 UJ	0.50 U	5.0 U	5.0 U	5.0 U	--	5.0 U	5.0 U	0.5 UJ	0.50 UJ	5.0 U
Sodium	537,000	355,000	678,000	125,000	126,000	130,000	131,000	275,000	378,000	429,000	426,000	--	411,000	366,000	131,000	24,000	33,700
Thallium	10 U	10 U	1 U	10 UJ	10 U	10 U	1 U	2.0 UJ	5.3 B	5.9 B	10 UJ	--	10 U	10 U	1 U	2.0 UJ	7.1 B
Vanadium	50 U	50 U	25 U	50 U	169	50 U	0.6 B	20 U	50 U	50 U	50 U	--	50 U	50 U	5 U	20 U	50 U
Zinc	15 B	20 U	27.1	20 U	534	20 U	10.7	R	54.6	12.7 B	20 U	--	74	20 U	10 U	86.8 U	105
Cyanide, Total		5.0 U	3 B	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	3.0 B	2.0 B	--	5.0 U	10 U	5.0 U	5.0 U
Landfill Indicator Parameters																	
pH (Standard Units)	7.8	7.2	6.8	8	7.9	7.8	7.8	--	7.6	7.8	8	--	8.0	8.2	6.9	--	7.0
Total Dissolved Solids (mg/L)	2,500	2,200	2,900	800	380	750	780	--	1,800	1,900	2,000	--	1,800	1,700	1,300	--	910
Chloride (mg/L)	817	571	1,200	162	163	170	160	--	884 J	982	1,060	--	913	815	412 J	--	58.7
Sulfate (mg/L)	217 J	277	13.2	251	260 J	260	245	--	24	1.0 U	0.42 B	--	0.32 BJ	1.0 U	0.14 B	--	430
Nitrate (as N) (mg/L)	0.50 U	0.50 U	0.1 U	0.046 B	0.13 B	0.43	0.45	--	2.5 UG	0.50 U	0.50 U	--	0.50 U	0.50 U	0.1 U	--	0.50 U
Nitrite (as N) (mg/L)	0.50 U	0.50 U	1 U	0.50 U	0.17 BJ	0.50 U	0.1 U	--	2.5 UG	R	0.50 U	--	0.50 U	0.50 U	0.1 UJ	--	0.50 U
Nitrogen, Ammonia (mg/L)	--	22	46	0.6	0.4	0.1	0.2 U	--	5.6	6.6	7.8	9.4		9.3	0.5	--	0.20 U

See Notes, Page 9

TABLE 5
GREEN POINT LANDFILL
TAL INORGANIC CONSTITUENTS AND INDICATOR PARAMETERS GROUNDWATER ANALYTICAL DATA

ENVIRONMENTAL MONITORING PROGRAM
REALM, INC. GREEN POINT LANDFILL
SAGINAW, MICHIGAN

Location ID:	X-10AR2						X-16A								
Sample Date:	11/27/01	11/27/01	6/26/02	6/19/03	5/25/2004	6/22/2005	7/27/95	5/24/00	6/19/01	6/25/02	6/17/03	6/18/03	5/26/2004	5/26/2004	6/21/2005
Sample Type:	FS	DUP	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	DUP	FS
Dissolved TAL Inorganics (ug/L)															
Aluminum	100 U	100 U	100 U	100 U	100 U	200 U	1,110	100 U	100 U	100 U	--	100 U	100 U	100 U	200 U
Antimony	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2 U	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U	5.0 U	5.0 U	0.15 B
Arsenic	10 U	10 U	2.2 B	10 U	10 U	2	1.0 U	10 U	10 U	10 U	--	10 U	10 U	10 U	1.8 B
Barium	62 B	57 B	51 B	100 U	33 B	32.7	200 U	216	225	227	--	234	227	222	223
Beryllium	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	1 U	5.0 U	4.0 U	4.0 U	4.0 U	--	4.0 U	4.0 U	4.0 U	1 U
Cadmium	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.5 U	0.35 J	1.0 U	1.0 U	1.0 U	--	0.34 B	1.0 U	1.0 U	0.5 U
Calcium	248,000	241,000	202,000	211,000	164,000	153,000	362,000	397,000	377,000	373,000	--	378,000	365,000	371,000	363,000
Chromium	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2 U	50 U	1.5 B	5.0 U	5.0 U	--	5.0 U	5.0 U	5.0 U	2 U
Cobalt	10 U	10 U	40 U	40 U	40 U	1.2	50 U	40 U	40 U	40 U	--	40 U	40 U	40 U	1.6
Copper	25 U	25 U	25 U	25 U	25 U	2 U	25 U	25 U	25 U	25 U	--	25 U	25 U	25 U	1.9 B
Iron	4,740 J	1,080 J	15,600	13,500	6,050	5,810	4,370	6,850 J	9,020	8,800	--	12,700	10,200	10,100	9,990
Lead	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	1 U	3.0 U	3.0 U	3.0 U	3.0 U	--	3.0 U	3.0 U	3.0 U	1 U
Magnesium	74,900 J	73,100 J	55,700	59,000	45,900	42,800	126,000	136,000	136,000	133,000	--	140,000	138,000	141,000	134,000
Manganese	2,810	2,710	2,630	2,470	2,170	1,860	807	966	964	1,050	--	1,020	896	935	784
Mercury	0.20 U	0.20 U	0.20 UJ	0.20 UJ	0.20 U	0.2 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ	--	0.20 U	0.20 U	0.20 U	0.2 U
Nickel	40 U	40 U	40 U	40 U	4.9 B	7.1	50 U	9.5 B	40 U	40 U	--	40 U	40 U	2.7 B	8.7
Potassium	14,200	13,700	12,000 J	11,000	8,290	9,820	5,000 U	1,920 B	1,530 BJ	1,790 BJ	--	1,660 B	1,550 B	1,620 B	1,640 BJ
Selenium	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	3.6	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U	5.0 U	5.0 U	5.9
Silver	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.5 UJ	0.50 U	5.0 U	5.0 U	5.0 U	--	5.0 U	5.0 U	5.0 U	0.5 UJ
Sodium	67,900	66,100	48,300	44,000	31,500	31,100	86,200	124,000	124,000	119,000	--	129,000	128,000	129,000	131,000
Thallium	10 U	10 U	5.8 BJ	10 U	10 U	1 U	2.0 UJ	7.6 B	6.6 B	5.6 BJ	--	10 U	10 U	10 U	1 U
Vanadium	20 U	20 U	50 U	50 U	50 U	5 U	20 U	50 U	50 U	50 U	--	50 U	50 U	50 U	5 U
Zinc	17 B	20 U	18 B	28	36	21.3 U	50	20 U	20 U	20 U	--	20 U	20 U	20 U	13.2
Cyanide, Total	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.8	5.0 U	5.0 U		5.0 U	5.0 U	10 U
Landfill Indicator Parameters															
pH (Standard Units)	8.1	--	7.9	8.1	7.1	7.1	--	6.7	7.9	7.3	--	7.9	7.2	7.1	7
Total Dissolved Solids (mg/L)	1,300	1,300	1,100	1,100	820	690	--	1,900	1,900	2,100	--	2,000	1,900	1,900	2,200
Chloride (mg/L)	47.1	--	20.9	19.7	5.0	3.4	--	420	428	462J	--	530	519	516	536
Sulfate (mg/L)	638	--	492	398 J	279	189	--	601	602	568	--	526 J	528	528	487
Nitrate (as N) (mg/L)	0.10 UJ	--	0.50 U	0.50 U	0.50 U	0.1 U	--	5.0 U	0.50 U	0.50 U	--	0.50 U	0.50 U	0.50 U	0.1 U
Nitrite (as N) (mg/L)	0.10 UJ	--	0.50 U	0.50 U	0.50 U	0.1 UJ	--	5.0 U	R	0.50 U	--	0.50 U	0.50 U	0.50 U	0.5 U
Nitrogen, Ammonia (mg/L)	1.7	--	1.1	1.0	0.4	0.3	--	0.40	0.8	0.7	0.7	--	0.5	0.4	0.4

See Notes, Page 9

TABLE 5
GREEN POINT LANDFILL
TAL INORGANIC CONSTITUENTS AND INDICATOR PARAMETERS GROUNDWATER ANALYTICAL DATA

ENVIRONMENTAL MONITORING PROGRAM
REALM, INC. GREEN POINT LANDFILL
SAGINAW, MICHIGAN

Location ID:	X-16B								
Sample Date:	7/28/95	5/19/00	6/20/01	6/26/02	6/27/02	6/17/03	6/18/03	5/26/2004	6/21/2005
Sample Type:	FS	FS	FS	FS	FS	FS	FS	FS	FS
Dissolved TAL Inorganics (ug/L)									
Aluminum	--	**122**	100 U	100 U	--	--	100 U	100 U	200 U
Antimony	--	5.0 U	5.0 U	5.0 U	--	--	5.0 U	5.0 U	**0.29 B**
Arsenic	--	10 U	10 U	**2.5 B**	--	--	10 U	10 U	**2.1**
Barium	--	**35.7 B**	**58.7 B**	**28 B**	--	--	100 U	**32 B**	**28.2**
Beryllium	--	4.0 U	4.0 U	4.0 U	--	--	4.0 U	4.0 U	1 U
Cadmium	--	**0.59 B**	1.0 U	1.0 U	--	--	1.0 U	**0.39**	**0.32 B**
Calcium	--	**84,700**	**136,000**	**76,100**	--	--	**74,700**	**73,300 J**	**66,000**
Chromium	--	5.0 U	5.0 U	5.0 U	--	--	5.0 U	5.0 U	2 U
Cobalt	--	40 U	40 U	40 U	--	--	40 U	**1.4**	**0.68 B**
Copper	--	25 U	25 U	25 U	--	--	25 U	25 U	**3.2**
Iron	--	100 U	100 U	100 U	--	--	100 U	100 U	**234**
Lead	--	3.0 U	3.0 U	3.0 U	--	--	3.0 U	3.0 U	1 U
Magnesium	--	**60,100**	**61,500**	**51,200**	--	--	**51,200**	**51,700 J**	**46,200**
Manganese	--	**84.5**	**40.4**	**135**	--	--	**13 B**	20 U	**2.2**
Mercury	--	0.20 U	0.20 UJ	0.20 UJ	--	--	**0.13 B**	0.20 U	0.2 U
Nickel	--	**23.8 B**	**3.7 B**	40 U	--	--	40 U	40 U	**1.8 B**
Potassium	--	**2,620 B**	**2,450 BJ**	**2,540 BJ**	--	--	**2,320 B**	**2,540 J**	**3,380 BJ**
Selenium	--	5.0 U	5.0 U	5.0 U	--	--	5.0 U	5.0 U	**1.5 B**
Silver	--	5.0 U	5.0 U	5.0 U	--	--	5.0 U	5.0 U	0.5 UJ
Sodium	--	**91,000**	**99,400**	**80,200**	--	--	**77,800**	**80,200**	**73,100**
Thallium	--	**3.9 B**	10 U	10 UJ	--	--	10 U	10 U	1 U
Vanadium	--	50 U	50 U	50 U	--	--	50 U	50 U	5 U
Zinc	--	**14.5 B**	**24.4**	**28**	--	--	20 U	20 U	**5.6 B**
Cyanide, Total	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U	--	5.0 U	10 U
Landfill Indicator Parameters									
pH (Standard Units)	--	**7.9**	**7.9**	--	**7.5**	--	**8.4**	**7.6**	**7.6**
Total Dissolved Solids (mg/L)	--	**670**	**920**	--	**660**	--	**640**	**600**	**630**
Chloride (mg/L)	--	**90.6 J**	**265**	--	**56.2**	--	**61.5**	**42.3**	**37.3**
Sulfate (mg/L)	--	**229**	**192**	--	**216**	--	**214 J**	**205**	**206**
Nitrate (as N) (mg/L)	--	**0.16 BG**	**0.17 B**	--	0.50 U	--	**0.23 B**	**0.26 B**	**0.35**
Nitrite (as N) (mg/L)	--	1.0 UG	R	--	0.50 U	--	0.50 U	0.50 U	0.1 U
Nitrogen, Ammonia (mg/L)	--	0.20 U	**19**	--	0.20 U	0.20 U	--	0.20 U	0.2 U

See Notes, Page 9

TABLE 5
GREEN POINT LANDFILL
TAL INORGANIC CONSTITUENTS AND INDICATOR PARAMETERS GROUNDWATER ANALYTICAL DATA

ENVIRONMENTAL MONITORING PROGRAM
REALM, INC. GREEN POINT LANDFILL
SAGINAW, MICHIGAN

General Notes:

All concentrations in micrograms per liter (ug/L); equivalent to parts per billion (ppb), unless otherwise noted.
All detections are shown in bold.
Data from the 2005 sampling event are shaded.
-- = Sample was not analyzed for the listed constituent.

Location ID:
MW, X = Permanent monitoring wells.
WT = Water table monitoring wells.
S1 = Well screened at top of sand unit; increasing numbers indicate increased depth within the sand unit (e.g., S2, S3, S4).
Sample Type:
FS = Primary field sample, collected by BBL.
DUP = Duplicate field sample, collected by BBL.

Data Qualifiers:

B (inorganics) = Estimated result. Result is less than the reporting limit.
G = The reporting limit is elevated due to matrix interference.
J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.
R = The sample results were rejected.
U = The constituent was analyzed for but not detected. The associated value is the constituent quantitation limit.
UJ = The constituent was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
* = Duplicate analysis not within control limits.

TABLE 6
FORMER RAILYARD
INORGANIC CONSTITUENTS SOIL ANALYTICAL DATA

GENERAL MOTORS CORPORATION
SMI PLANT PROPERTY, AND REALM GREEN POINT LANDFILL AND DRUM REMEDIATION AREA
SAGINAW, MICHIGAN

Sample ID: / Sample Depth feet): / Date Collected:	Units	RS-2A (0 - 1') 8/26/05	RS-2A (0 - 1') 8/26/2005 (Dup)	RS-3A (0 - 1') 8/26/05	RS-09 (0 - 1') 8/19/05	RS-10 (0 - 1') 8/19/05	RS-11 (0 - 1') 8/19/05	RS-12 (0 - 1') 8/19/05	RS-13 (0 - 1') 8/19/05		RS-14 (0 - 1') 8/19/05	RS-15 (0 - 1') 8/19/05	RS-16 (0 - 1') 8/19/05	RS-17 (0 - 1') 8/19/05	RS-18 (0 - 1') 8/19/05
Inorganics															
Chromium (Total)	mg/kg	**90**	**141**	**180**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium VI	mg/kg	0.83 U	0.83 U	0.83 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	NA	NA	NA	**1,560**	**449**	**3,650**	**2,310**	**1,945**	**1,530**	**2,380**	**329**	**632**	**5,470**	**25**

General Notes:

All concentrations in micrograms per kilogram (mg/kg); equivalent to parts per million (ppm), unless otherwise noted.

All detections are shown in bold.

(Dup) identifies a duplicate sample.

Data Qualifiers:

U = The constituent was analyzed for but not detected. The associated value is the constituent quantitation limit.

NA = not analyzed.