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Transmitted Via Electronic Mail and FedEx

October 13, 2006

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 2005 through September 2006
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 2005 through September 2006 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 significant Remedial Investigation/Feasibility Study/Remedial Action Plan (RI/FS/RAP) activities and correspondence for the period from October 1, 2005 through September 30, 2006.

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 2004 through September 2005 was submitted to the MDEQ on October 14, 2005 (BBL, October 2005).

- 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 former underground storage tank (UST) #7 area, dated December 7, 2005 and May 24, 2006, were submitted to the MDEQ.

Meetings

- A meeting was held on February 22, 2006, between representatives of the MDEQ, GM, WMI, and BBL, at GM's offices in Pontiac, Michigan. The meeting was held to review and discuss the new comments provided on the Human Health Evaluation (HHE) (an attachment to the Feasibility Study) and the HHE addendum (an attachment to the Remedial Action Plan) in a memorandum dated January 18, 2006, from Ms. Divinia Stemm (MDEQ) to Ms. Susan Kaelber-Matlock (MDEQ). The memorandum was forwarded to Ms. Cheryl Hiatt (GM) by Ms. Kaelber-Matlock by electronic mail on January 25, 2006.

Key Correspondence and Communications

- A letter dated October 28, 2005 was sent to Allan Brouillet (MDEQ) by Cheryl Hiatt (GM) that agreed to MDEQ's suggestion to extend the time period for MDEQ review of the Remedial Action Plan until March 24, 2006.
- On January 25, 2006, an email was sent from Ms. Susan Kaelber-Matlock (MDEQ) to Ms. Cheryl Hiatt (GM), requesting a meeting of the project team to discuss comments prepared by Ms. Divinia Stemm (MDEQ) regarding the Site Human Health Evaluation (HHE) (an attachment to the Feasibility Study) and the HHE addendum (an attachment to the Remedial Action Plan). Ms. Stemm's comments were provided in a memo dated January 18, 2006, that was provided as an attachment to the email.
- A letter dated February 23, 2006, was sent from Mr. Allan Brouillet (MDEQ) to Ms. Hiatt that identified the following actions to be completed to formally resolve the outstanding issues related to the HHE component of the Remedial Action Plan:
 - GM will prepare and submit a letter to the MDEQ by March 24, 2006, that addresses the MDEQ's comments on the HHE and HHE addendum, in accordance with discussions held during the February 22, 2006 meeting.
 - The MDEQ will review the letter and provide a written response as to the acceptability of the information presented in the letter by April 7, 2006.
 - The MDEQ will provide a formal determination regarding the acceptability of the revised RAP on or before May 19, 2006.
- A letter dated March 24, 2006, was sent from BBL, on behalf of GM and WMI to the MDEQ, that provided responses to comments on the HHE and the HHE Addendum, that had been presented in a memorandum dated January 18, 2006, from Ms. Divinia Stemm (MDEQ-RRD) to Ms. Susan Kaelber-Matlock (MDEQ-RRD).

- Several conference calls were held between representatives of the MDEQ and GM to discuss the Remedial Action Plan (RAP). The group agreed to a postponement of the RAP approval for up to two years while a few remaining issues are resolved.
- As a result of the calls with the MDEQ, Ms. Cheryl Hiatt (GM) sent a May 19, 2006 email to Ms. Susan Kaelber-Matlock (MDEQ) and Mr. Allan Brouillet (MDEQ), stating agreement with a proposed process to reach final approval of the RAP.
- The MDEQ transmitted a letter dated May 18, 2006 to GM that provides the results of a review of the September 23, 2005 RAP. As discussed with GM during telephone conversations earlier in the month, the letter describes several issues with the provisions of the RAP that need to be resolved, and also requests additional soil and groundwater sampling. The letter also specifies a due date of May 19, 2008, for completion of additional sampling, resolution of remaining issues, and submission of a final 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 2006, and August 2006. The samples were collected as part of an ongoing monitored natural attenuation program, and were 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

- No site activities occurred within the Saginaw River Berm Area this year.

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 2005 through September 2006 time period, recovering approximately 340 gallons of LNAPL during the year. Since the system was installed on February 8, 2002, a total of approximately 2,040 gallons of LNAPL have been recovered by the system through the end of September 2006.

LNAPL Recovery System

- The LNAPL recovery system located south of the plant building recovered approximately 115 gallons of LNAPL and over 334,000 gallons of groundwater during the past year.

The cumulative LNAPL 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 26, 2006	3,679	2,832,509
Total Hand Bailed – July 2002 through February 2003	21	0
Water/LNAPL Pumped from Reverse Siphon of 42-inch Sewer Line – Total through August 23, 2006 ²	60+	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:	12,470+	2,832,959

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.

²Note that in a number of instances, LNAPL removed from the inverted siphon by plant personnel has been included in the LNAPL system recovery total.

- 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 2 includes the LNAPL and groundwater measurement data.

Green Point Landfill

- Post-closure inspections of the Green Point Landfill cap were completed on November 9, 2005 and June 22, 2006. The Post-Closure Cap Inspection Forms were submitted with the corresponding monthly reports.

Former Railyard Area

- No site activities occurred within the Former Railyard Area this year.

Anticipated Site Activities

The following activities are anticipated to be completed during the period from October 2006 through September 2007:

- 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; tentatively scheduled for February and August of 2007.
- Groundwater sampling of select wells located along the Saginaw River perimeter, and additional contingency sampling as needed based on the analytical data. It is anticipated that samples will be collected during November 2006, and again in early 2007.

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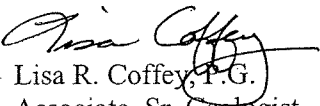
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- Submittal of a Work Plan and schedule to the MDEQ that details field investigation activities proposed in response to the MDEQ's May 18, 2006 letter.
- Periodic inspections of the Green Point Landfill cap.
- Installation of additional monitoring wells near the Saginaw River, east of the Green Point Landfill, in response to a request by MDEQ.
- Following installation and development of the new monitoring wells, completion of the Annual 2006 Green Point Landfill Environmental Monitoring Program groundwater sampling event (tentatively scheduled for November 2006).
- Preparation of the Environmental Monitoring Program Annual Report for the Green Point Landfill.
- 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., Department of Attorney General
Ms. Cheryl Hiatt/Mr. Edward Peterson, GM WFG
Anthony Thrubis, Esq., GM
Mr. Kent Bainbridge, Waste Management, Inc.
Mr. Jim Forney, Waste Management, Inc.
Ms. Renee Mietz/Ms. Dawn Cleary, GM SMI
Ms. Jo Ann Robertson, Blasland, Bouck & Lee, Inc.

BLASLAND, BOUCK & LEE, INC.

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Table 1

Current and Historic Groundwater Quality Data
Former UST #7 Area

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 {I}	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 (1 U)	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
	2/06	36	29	2.5 U	10	1.2	5 U
	8/06	44	52	4 U	17	1.1	5 U
BBL-MW4	6/96	12	1 U	1 U	3 U	3 U	5 U
	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 (1 U)	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
MW-135 WT	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
	2/06	1 U	1 U	1 U	3 U	1 U	5 U
	8/06	1 U (1 U)	1 U (1 U)	1 U (1 U)	3 U (3 U)	1 U (1 U)	5 U (5 U)
	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		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
	2/06	1 U (1 U)	1 U (1 U)	1 U (1 U)	3 U (3 U)	1 U (1 U)	5 U (5 U)
	8/06	1 U	1 U	1 U	3 U	1 U	5 U

See notes, Page 4.

Table 1

Current and Historic Groundwater Quality Data
Former UST #7 Area

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-139 WT	6/96	5 U	1 U	1 U	3 U	3 U	132
	7/96	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	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
	2/06	1 U	1 U	1 U	3 U	1 U	91
	8/06	1 U	1 U	1 U	3 U	1 U	140
UST 7-2	6/94	<u>2,100</u>	100 U	<u>3,100</u>	<u>9,800</u>	1	NA
	6/96	<u>950</u>	<u>1,700</u>	120 U	<u>3,600</u>	<u>114</u>	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	<u>10 (10 U)</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	<u>1,500</u>	<u>1,200</u>	25 J	<u>1,200</u>	<u>35</u>	2 U G
	8/00	4	1	1 U	1 U	3 U	NA
	10/00	<u>50</u>	3	1	3	3 U	NA
	3/01	<u>96 (112)</u>	9 (9)	1 (5 U)	7 (8)	3 U (3 U)	NA (NA)
	5/01	<u>7</u>	1 U	1 U	1 U	1 U	NA
	8/01	<u>170</u>	50 U	50 U	50 U	1 U	NA
	2/02	<u>47</u>	1	1 U	3	3 U	NA
	8/02	1 U (1 U)	1 U (1 U)	1 U (1 U)	1 U (1 U)	1 U (1 U)	NA
	3/03	<u>67</u>	1 U	1	2	1 U	NA
	8/03	<u>123 (126)</u>	1 U (1)	2 (2)	2 (3)	0.001 U (0.001 U)	NA (NA)
	2/04	<u>850</u>	<u>120</u>	12 J	97	<u>12.5</u>	5 U
	8/04	<u>2,100</u>	<u>980</u>	39 J	<u>400</u>	<u>4.6</u>	5 U
	2/05	<u>1,600</u>	<u>420</u>	59	170	<u>5.8</u>	5 U
	8/05	<u>2,400</u>	<u>610</u>	62 U	<u>210</u>	<u>6.6</u>	5 U
	2/06	<u>1,900</u>	<u>450</u>	56 U	170 U	<u>5.6</u>	5 U
	8/06	<u>2,300</u>	<u>610</u>	100 U	300 U	<u>4.6</u>	5 U
UST 7-3R	7/98	<u>14</u>	1 U	1 U	3 U	100 U	NA
	10/98	<u>12</u>	1 U	1 U	2 U	3 U	NA
	1/99	5	1 U	1 U	1 U	1 U	NA
	4/99	<u>18</u>	1 U	1 U	2 U	1 U	NA
	7/99	<u>24</u>	1 U	2	2 U	3 U	NA
	10/99	<u>50</u>	1 U	1 U	2 U	3 U	NA
	1/00	<u>30 (32)</u>	1 U	1 U	2 U	3 U	NA
	5/00	<u>13</u>	1 U	0.12 J	1 U	4 (3 U)	NA
	8/00	<u>28</u>	1 U	1 U	1 U	3 U	27.6
	10/00	<u>26</u>	1 U	1 U	1 U	3 U	NA
	3/01	<u>15</u>	1 U	1 U	1 U	3 U	NA
	5/01	<u>12</u>	1 U	1 U	1 U	3 U	NA
	8/01	<u>35</u>	1 U	1 U	1 U	1 U	NA
	2/02	<u>30</u>	1 U	1 U	1 U	3 U	NA
	8/02	<u>6</u>	1 U	1 U	1 U	1 U	NA
	3/03	<u>30</u>	1 U	1 U	1 U	1 U	NA
	8/03	<u>9</u>	1 U	1 U	1 U	0.001 U	NA
	2/04	<u>9</u>	1 U	1 U	1 U	1 U	5 U
	8/04	<u>16</u>	1 U	1 U	2 U	1 U	3 B
	2/05	<u>11 (11)</u>	1 U (1 U)	1 U (1 U)	3 U (3 U)	1 U (1 U)	5 U (5 U)
	8/05	<u>12</u>	1 U	1 U	2 U	1 U	5 U
	2/06	<u>3.3</u>	1 U	1 U	3 U	1 U	6
	8/06	<u>8.9</u>	1 U	1 U	3 U	1 U	5 U

See Notes, Page 4.

Table 1

Current and Historic Groundwater Quality Data
Former UST #7 Area

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	<u>110</u>	2.0 U	8	1.0 U	1.0 U	NA
	6/96	<u>44</u>	1.7 U	1.7 U	5.1 U	3 U	6
	7/98	<u>14</u>	1 U	1 U	3 U	100 U	NA
	10/98	<u>10</u>	1 U	1 U	2 U	3 U	NA
	1/99	<u>17</u>	1 U	1 U	2 U	1 U	NA
	4/99	<u>7</u>	1 U	1 U	2 U	1 U	NA
	7/99	<u>4</u>	1 U	4	2 U	3 U	NA
	10/99	<u>4</u>	1 U	1 U	1	3 U	NA
	1/00	<u>3</u>	1 U	1	1	<u>17</u>	NA
	5/00	<u>6</u>	0.18 J	0.22 J	0.67 J	<u>9.4</u>	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	<u>23</u>	1 U	1 U	1 U	3 U	NA
	3/01	<u>2</u>	1 U	1 U	1	3 U	NA
	5/01	<u>2</u>	1 U	1 U	1 U	1 U	NA
	8/01	<u>2</u>	1 U	1 U	1 U	1 U	NA
	2/02	<u>16 (16)</u>	2 (3)	1 U (1 U)	1 (1)	3 U (3 U)	NA
	8/02	<u>1</u>	1 U	1 U	1 U	1 U	NA
	3/03	1 U (1 U)	1 U (1 U)	1 U (1 U)	1 U (1 U)	1 U (1 U)	NA
	8/03	<u>2</u>	1 U	1 U	1 U	0.001 U	NA
	2/04	<u>4</u>	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
	2/06	1 U	1 U	1 U	3 U	1 U	6
	8/06	1 U	1 U	1 U	3 U	1 U	5 U
UST 7-5	6/94	<u>3,700</u>	<u>13,000</u>	<u>3,600</u>	<u>19,000</u>	1	NA
	6/96	<u>1,600</u>	<u>1,800</u>	<u>1,400</u>	<u>6,900</u>	<u>46</u>	8
	7/98	<u>1,900</u>	200 U	<u>930</u>	<u>7,900</u>	100 U	NA
	10/98	<u>1,390</u>	<u>1,330</u>	<u>990</u>	<u>5,120</u>	3 U	NA
	1/99	<u>190</u>	<u>680</u>	450	<u>4,440</u>	10	NA
	4/99	<u>400</u>	<u>890</u>	400	<u>6,540</u>	<u>5</u>	NA
	7/99	<u>300</u>	<u>240</u>	240	<u>3,470</u>	<u>4</u>	NA
	10/99	<u>20</u>	<u>110</u>	20	<u>860</u>	<u>5</u>	NA
	1/00	<u>23</u>	71	9	<u>354</u>	3 U	NA
	5/00	<u>42 (56)</u>	<u>71 (83)</u>	13 (13)	<u>330 (360)</u>	<u>20.3 (12.9)</u>	52.6 (54.2)
	8/00	<u>160</u>	<u>100</u>	40	<u>530</u>	3 U	NA
	10/00	<u>56 (59)</u>	27 (29)	30 (50 U)	<u>860 (870)</u>	3 U (3 U)	NA
	3/01	<u>200</u>	<u>100</u>	100 U	<u>1,300</u>	<u>6</u>	NA
	5/01	10 U	10	10 U	170	1	NA
	8/01	<u>160</u>	<u>130</u>	50 U	<u>690</u>	2	NA
	2/02	<u>1</u>	1	1 U	7	<u>14</u>	NA
	8/02	<u>7</u>	7	3	85	3	NA
	3/03	<u>330</u>	<u>380</u>	80	<u>1,400</u>	2	NA
	8/03	<u>470</u>	<u>340</u>	100	<u>1,690</u>	0.001	NA
	2/04	<u>42</u>	62	27	<u>360</u>	2.1	210
	8/04	<u>120</u>	96	29	<u>460</u>	1.8	5 U
	2/05	<u>140</u>	<u>78</u>	34	<u>450</u>	1.8	99
	8/05	<u>340</u>	<u>230</u>	86	<u>1,060</u>	1 U	5 U
	2/06	<u>390</u>	<u>450</u>	42	<u>1,500</u>	1 U	39
	8/06	<u>430</u>	<u>440</u>	63	<u>2,000</u>	1 U	5 U

See Notes, Page 4.

Table 1 (cont'd)
Current and Historic Groundwater Quality Data
Former UST #7 Area

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

{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
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				MW-158WT reference elevation = 591.78			
	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	--	--	--	--	8.31	0.33	8.64	583.73	--	--	--	--	8.54	0.01	8.55	583.24
February 12, 2002	--	--	--	--	8.13	1.41	9.54	583.83	--	--	--	--	8.39	0.02	8.41	583.39
March 18, 2002	--	--	--	--	7.90	1.45	9.35	584.05	--	--	--	--	NP	0.00	8.25	583.53
May 6, 2002	--	--	--	--	8.01	0.93	8.94	583.99	--	--	--	--	NP	0.00	7.62	584.16
May 22, 2002	--	--	--	--	8.02	1.56	9.58	583.93	--	--	--	--	NP	0.00	7.75	584.03
June 17, 2002	--	--	--	--	7.98	1.57	9.55	583.96	--	--	--	--	7.65	0.01	7.66	584.13
September 25, 2002	--	--	--	--	7.67	2.13	9.80	584.23	--	--	--	--	NA	NA	NA	NA
October 29, 2002	--	--	--	--	7.77	2.78	10.55	584.08	--	--	--	--	NP	0.00	8.60	583.18
November 26, 2002	--	--	--	--	7.75	1.75	9.50	584.18	--	--	--	--	NA	NA	NA	NA
December 19, 2002	--	--	--	--	7.78	1.27	9.05	584.19	--	--	--	--	NA	NA	NA	NA
January 10, 2003	--	--	--	--	9.25	0.00	9.25	582.82	--	--	--	--	NA	NA	NA	NA
February 25, 2003	--	--	--	--	8.18	1.30	9.48	583.79	--	--	--	--	NA	NA	NA	NA
March 27, 2003	--	--	--	--	8.06	1.06	9.12	583.93	--	--	--	--	NA	NA	NA	NA
April 29, 2003	--	--	--	--	7.38	0.98	8.36	584.61	--	--	--	--	NA	NA	NA	NA
May 29, 2003	--	--	--	--	6.69	2.15	8.84	585.21	--	--	--	--	NA	NA	NA	NA
June 25, 2003	--	--	--	--	6.79	2.75	9.54	585.06	--	--	--	--	NA	NA	NA	NA
July 30, 2003	--	--	--	--	6.63	2.78	9.41	585.22	--	--	--	--	NA	NA	NA	NA
August 4, 2003	--	--	--	--	6.58	2.78	9.36	585.27	--	--	--	--	NA	NA	NA	NA
September 18, 2003	--	--	--	--	6.80	2.85	9.65	585.04	--	--	--	--	NA	NA	NA	NA
November 10, 2003	--	--	--	--	6.46	2.08	8.54	585.44	--	--	--	--	NA	NA	NA	NA
December 29, 2003	--	--	--	--	6.55	2.16	8.71	585.35	--	--	--	--	NA	NA	NA	NA
February 26, 2004	--	--	--	--	NA	NA	NA	NA	--	--	--	--	8.68	0.01	8.69	NA
March 8, 2004	--	--	--	--	NA	NA	NA	NA	--	--	--	--	8.41	0.01	8.42	NA
April 29, 2004	--	--	--	--	6.36	1.64	8.00	585.58	--	--	--	--	NA	NA	NA	NA
June 1, 2004	--	--	--	--	5.20	1.25	6.45	586.77	--	--	--	--	NA	NA	NA	NA
June 30, 2004	--	--	--	--	6.05	1.26	7.31	585.92	--	--	--	--	7.90	0.01	7.91	583.88
July 28, 2004	--	--	--	--	NA	NA	NA	NA	--	--	--	--	8.21	0.01	8.22	583.57
August 17, 2004	--	--	--	--	6.76	1.34	8.10	585.20	--	--	--	--	NP	0.00	8.39	583.39
September 27, 2004	--	--	--	--	6.91	1.61	8.52	585.03	--	--	--	--	8.41	0.01	8.42	583.37
October 29, 2004	--	--	--	--	7.04	1.78	8.82	584.89	--	--	--	--	8.56	0.01	8.57	583.22
November 30, 2004	--	--	--	--	6.35	1.72	8.07	585.58	--	--	--	--	8.35	0.01	8.36	583.43
December 27, 2004	--	--	--	--	NA	NA	NA	NA	--	--	--	--	NA	NA	NA	NA
January 26, 2005	--	--	--	--	6.28	2.03	8.31	585.63	--	--	--	--	NP	0.00	7.98	583.80
February 7, 2005	--	--	--	--	6.57	1.96	8.53	585.34	--	--	--	--	8.07	0.02	8.09	583.71
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	NP	0.00	8.24	583.54
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	NP	0.00	8.23	583.55
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	NP	0.00	8.14	583.64
June 28, 2005	--	--	--	--	5.83	1.73	7.56	586.10	6.23	0.21	6.44	585.47	NP	0.00	7.72	584.06
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	NP	0.00	7.69	584.09
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	NP	0.00	7.98	583.80
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	8.33	0.01	8.34	583.45
October 18, 2005	--	--	--	--	6.85	1.93	8.78	585.07	7.68	0.38	8.06	584.01	NP	0.00	8.56	583.22
November 30, 2005	NP	0.00	11.03	583.21	6.33	1.76	8.09	585.60	7.09	0.03	7.12	584.63	NP	0.00	8.31	583.47
December 26, 2005	NP	0.00	10.96	583.28	6.15	1.96	8.11	585.76	6.89	0.19	7.08	584.81	NP	0.00	8.14	583.64
January 31, 2006	NP	0.00	10.55	583.69	5.21	1.91	7.12	586.71	5.74	0.51	6.25	585.94	NP	0.00	7.53	584.25
February 24, 2006	NP	0.00	10.80	583.44	6.38	1.86	8.24	585.54	6.87	0.27	7.14	584.83	NP	0.00	7.98	583.80
March 22, 2006	NP	0.00	10.37	583.87	5.70	1.63	7.33	586.24	5.68	0.13	5.81	586.03	NP	0.00	7.71	584.07
April 27, 2006	NP	0.00	10.91	583.33	6.23	1.69	7.92	585.70	7.17	0.03	7.20	584.55	8.14	0.01	8.15	583.64
May 25, 2006	NA	NA	NA	NA	NA	NA	NA	NA	6.37	0.14	6.51	585.34	NP	0.00	7.95	583.83
June 27, 2006	NP	0.00	10.94	583.30	6.32	1.70	8.02	585.61	7.20	0.04	7.24	584.52	NP	0.00	8.17	583.61
July 11, 2006	NP	0.00	10.82	583.42	5.99	1.67	7.66	585.95	6.96	0.11	7.07	584.75	NP	0.00	8.03	583.75
August 23, 2006	NP	0.00	10.92	583.32	6.24	1.65	7.89	585.70	7.20	0.01	7.21	584.52	NP	0.00	8.08	583.70
September 28, 2006	NP	0.00	10.75	583.49	5.67	1.64	7.31	586.27	6.69	0.11	6.80	585.02	NP	0.00	7.90	583.88

TABLE 2
GROUNDWATER AND LNAPL MEASUREMENT SUMMARY
JANUARY 2002 THROUGH THE PRESENT

GENERAL MOTORS CORPORATION
SAGINAW MALLEABLE IRON PLANT
SAGINAW, MICHIGAN

Date	MW-160WT reference elevation = 591.53				MW-161WT reference elevation = 591.80				MW-168WT reference elevation = 592.11				MW-169WT reference elevation = 591.82			
	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	8.31	0.38	8.69	583.19	--	--	--	--	NA	NA	NA	NA	NP	0.00	8.62	583.20
February 12, 2002	8.26	0.38	8.64	583.24	--	--	--	--	8.21	0.97	9.18	583.82	NP	0.00	7.76	584.06
March 18, 2002	7.99	0.19	8.18	583.52	--	--	--	--	NA	NA	NA	NA	NP	0.00	7.96	583.86
May 6, 2002	7.71	0.20	7.91	583.80	--	--	--	--	7.80	1.27	9.07	584.21	NP	0.00	7.90	583.92
May 22, 2002	7.83	0.29	8.12	583.68	--	--	--	--	7.41	1.15	8.56	584.61	NP	0.00	7.96	583.86
June 17, 2002	7.83	0.31	8.14	583.68	--	--	--	--	7.45	1.79	9.24	584.52	7.91	0.01	7.92	583.91
September 25, 2002	8.36	0.79	9.15	583.11	--	--	--	--	NA	NA	NA	NA	8.17	0.01	8.18	583.65
October 29, 2002	8.54	0.56	9.10	582.95	--	--	--	--	NA	NA	NA	NA	NP	0.00	8.50	583.32
November 26, 2002	8.60	0.53	9.13	582.89	--	--	--	--	NA	NA	NA	NA	NP	0.00	8.50	583.32
December 19, 2002	8.55	0.63	9.18	582.93	--	--	--	--	NA	NA	NA	NA	NP	0.00	8.61	583.21
January 10, 2003	8.60	0.56	9.16	582.89	--	--	--	--	NA	NA	NA	NA	NP	0.00	8.58	583.24
February 25, 2003	8.72	0.56	9.28	582.77	--	--	--	--	NA	NA	NA	NA	NP	0.00	8.67	583.15
March 27, 2003	8.62	0.53	9.15	582.87	--	--	--	--	NA	NA	NA	NA	NP	0.00	8.62	583.20
April 29, 2003	8.58	0.37	8.95	582.92	--	--	--	--	NA	NA	NA	NA	NP	0.00	8.59	583.23
May 29, 2003	7.77	0.26	8.03	583.74	--	--	--	--	NA	NA	NA	NA	NP	0.00	7.95	583.87
June 25, 2003	8.47	0.22	8.69	583.04	--	--	--	--	NA	NA	NA	NA	NP	0.00	8.31	583.51
July 30, 2003	8.36	0.22	8.58	583.15	--	--	--	--	NA	NA	NA	NA	NP	0.00	8.21	583.61
August 4, 2003	8.32	0.22	8.54	583.19	--	--	--	--	NA	NA	NA	NA	NP	0.00	8.18	583.64
September 18, 2003	8.48	0.34	8.82	583.02	--	--	--	--	NA	NA	NA	NA	NP	0.00	8.51	583.31
November 10, 2003	8.50	0.20	8.70	583.01	--	--	--	--	NA	NA	NA	NA	NP	0.00	8.41	583.41
December 29, 2003	8.68	0.23	8.91	582.83	--	--	--	--	NA	NA	NA	NA	NP	0.00	7.88	583.94
February 26, 2004	8.60	0.11	8.71	582.92	--	--	--	--	NA	NA	NA	NA	NP	0.00	NA	NA
March 8, 2004	8.33	0.31	8.64	583.18	--	--	--	--	8.32	0.23	8.55	583.77	NA	NA	NA	NA
April 29, 2004	8.41	0.19	8.60	583.10	--	--	--	--	NA	NA	NA	NA	NP	0.00	NA	NA
June 1, 2004	7.83	0.11	7.94	583.69	--	--	--	--	NA	NA	NA	NA	7.62	0.01	7.63	584.20
June 30, 2004	8.25	0.09	8.34	583.27	--	--	--	--	NA	NA	NA	NA	7.94	0.01	7.95	583.88
July 28, 2004	8.43	0.11	8.54	583.09	--	--	--	--	NA	NA	NA	NA	NP	0.00	8.17	583.65
August 17, 2004	8.46	0.11	8.57	583.06	--	--	--	--	NA	NA	NA	NA	NP	0.00	8.23	583.59
September 27, 2004	8.54	0.17	8.71	582.98	--	--	--	--	NA	NA	NA	NA	8.35	0.01	8.36	583.47
October 29, 2004	8.58	0.09	8.67	582.94	--	--	--	--	NA	NA	NA	NA	8.44	0.01	8.45	583.38
November 30, 2004	8.47	0.07	8.54	583.05	--	--	--	--	NA	NA	NA	NA	NP	0.00	8.23	583.59
December 27, 2004	NA	NA	NA	NA	--	--	--	--	NA	NA	NA	NA	NP	0.00	8.30	583.52
January 26, 2005	8.21	0.35	8.56	583.29	--	--	--	--	NA	NA	NA	NA	NP	0.00	NA	NA
February 7, 2005	8.10	0.11	8.21	583.42	--	--	--	--	NA	NA	NA	NA	NP	0.00	8.17	583.65
March 17, 2005	8.43	0.13	8.56	583.09	NP	0.00	7.60	584.20	NA	NA	NA	NA	NP	0.00	NA	NA
April 13, 2005	8.39	0.13	8.52	583.13	NP	0.00	7.82	583.98	NA	NA	NA	NA	NP	0.00	NA	NA
May 31, 2005	8.39	0.15	8.54	583.13	NP	0.00	7.57	584.23	NA	NA	NA	NA	NP	0.00	8.20	583.62
June 28, 2005	8.14	0.09	8.23	583.38	NP	0.00	7.34	584.46	NA	NA	NA	NA	NP	0.00	7.92	583.90
July 29, 2005	8.13	0.04	8.17	583.40	NP	0.01	7.40	584.41	NA	NA	NA	NA	NP	0.00	7.92	583.90
August 18, 2005	8.30	0.04	8.34	583.23	NP	0.00	7.51	584.29	NA	NA	NA	NA	NP	0.00	NA	NA
September 28, 2005	8.46	0.02	8.48	583.07	NP	0.00	7.75	584.05	NA	NA	NA	NA	NP	0.00	NA	NA
October 18, 2005	8.66	0.06	8.72	582.87	NP	0.00	8.00	583.80	NA	NA	NA	NA	NP	0.00	NA	NA
November 30, 2005	8.52	0.01	8.53	583.01	NP	0.00	7.78	584.02	NA	NA	NA	NA	NP	0.00	NA	NA
December 26, 2005	8.44	0.01	8.45	583.09	NP	0.00	7.76	584.04	NA	NA	NA	NA	NP	0.00	NA	NA
January 31, 2006	NP	0.00	8.21	583.32	NP	0.00	7.37	584.43	NA	NA	NA	NA	NP	0.00	NA	NA
February 24, 2006	NP	0.00	8.38	583.15	NP	0.00	7.49	584.31	NA	NA	NA	NA	NP	0.00	NA	NA
March 22, 2006	8.24	0.01	8.25	583.29	NP	0.00	7.23	584.57	NA	NA	NA	NA	NP	0.00	NA	NA
April 27, 2006	NP	0.00	8.43	583.10	NP	0.00	7.35	584.45	NA	NA	NA	NA	NP	0.00	NA	NA
May 25, 2006	NP	0.00	8.44	583.09	NP	0.00	7.39	584.41	NA	NA	NA	NA	NP	0.00	NA	NA
June 27, 2006	NP	0.00	8.40	583.13	NP	0.00	7.46	584.34	NA	NA	NA	NA	NP	0.00	NA	NA
July 11, 2006	NP	0.00	8.41	583.12	NP	0.00	7.41	584.39	NA	NA	NA	NA	NP	0.00	NA	NA
August 23, 2006	NP	0.00	8.32	583.21	NP	0.00	7.38	584.42	NA	NA	NA	NA	NP	0.00	NA	NA
September 26, 2006	NP	0.00	8.32	583.21	NP	0.00	7.38	584.42	NA	NA	NA	NA	NP	0.00	NA	NA

TABLE 2
GROUNDWATER AND LNAPL MEASUREMENT SUMMARY
JANUARY 2002 THROUGH THE PRESENT

GENERAL MOTORS CORPORATION
SAGINAW MALLEABLE IRON PLANT
SAGINAW, MICHIGAN

Date	MW-172WT reference elevation = 591.51				MW-175WT reference elevation not available				MW-178WT reference elevation = 590.35			
	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	8.23	0.66	8.89	583.23	NA	NA	NA	NA	7.66	0.87	8.53	582.62
February 12, 2002	8.12	0.20	8.32	583.37	NA	NA	NA	NA	7.58	1.95	9.53	582.61
March 18, 2002	7.93	0.25	8.18	583.56	NP	0.00	6.95	NA	7.55	0.98	8.53	582.72
May 6, 2002	7.64	0.21	7.85	583.85	NP	0.00	6.86	NA	NA	NA	NA	NA
May 22, 2002	7.78	0.15	7.93	583.72	NP	0.00	6.90	NA	7.48	1.22	8.70	582.77
June 17, 2002	7.76	0.23	7.99	583.73	NP	0.00	6.84	NA	7.47	1.28	8.75	582.78
September 25, 2002	8.47	0.53	9.00	583.00	NP	0.00	7.67	NA	7.99	1.40	9.39	582.25
October 29, 2002	8.42	0.88	9.30	583.02	NP	0.00	7.34	NA	7.56	1.29	8.85	582.69
November 26, 2002	8.45	0.82	9.27	582.99	NA	NA	NA	NA	7.63	0.96	8.59	582.64
December 19, 2002	8.43	0.90	9.33	583.01	NA	NA	NA	NA	7.56	1.24	8.80	582.69
January 10, 2003	8.49	0.83	9.32	582.95	NA	NA	NA	NA	7.59	1.19	8.78	582.66
February 25, 2003	8.51	1.01	9.52	582.92	NA	NA	7.58	NA	7.71	1.37	9.08	582.53
March 27, 2003	8.46	0.84	9.30	582.98	NP	0.00	7.67	NA	7.60	1.10	8.70	582.66
April 29, 2003	8.44	0.71	9.15	583.01	NP	0.00	7.62	NA	7.56	1.21	8.77	582.69
May 29, 2003	7.60	0.50	8.10	583.87	NP	0.00	7.17	NA	7.04	1.07	8.11	583.22
June 25, 2003	8.35	0.67	9.02	583.11	NP	0.00	7.48	NA	7.41	1.18	8.59	582.85
July 30, 2003	8.20	0.73	8.93	583.25	NP	0.00	7.32	NA	7.30	1.13	8.43	582.96
August 4, 2003	8.17	0.73	8.90	583.28	NP	0.00	7.30	NA	7.27	1.14	8.41	582.99
September 18, 2003	8.35	0.80	9.15	583.10	NP	0.00	7.33	NA	7.50	1.35	8.85	582.74
November 10, 2003	8.30	0.87	9.17	583.14	NP	0.00	7.35	NA	7.55	1.20	8.75	582.70
December 29, 2003	8.40	0.91	9.31	583.04	NP	0.00	7.41	NA	7.75	1.09	8.84	582.51
February 26, 2004	8.45	1.02	9.47	582.98	NA	NA	NA	NA	NP	0.00	7.54	582.81
March 8, 2004	8.18	0.44	8.62	583.29	NA	NA	NA	NA	NA	NA	NA	NA
April 29, 2004	7.98	0.56	8.54	583.49	NA	NA	NA	NA	NP	0.00	7.21	583.14
June 1, 2004	NA	NA	NA	NA	NA	NA	NA	NA	7.37	1.24	8.61	582.88
June 30, 2004	8.55	0.06	8.61	582.96	6.71	0.01	6.72	NA	NA	NA	NA	NA
July 28, 2004	8.32	0.36	8.68	583.16	6.88	0.01	6.89	NA	7.45	1.25	8.70	582.80
August 17, 2004	8.33	0.49	8.82	583.14	7.01	0.01	7.02	NA	7.46	1.33	8.79	582.78
September 27, 2004	8.42	0.48	8.90	583.05	7.18	0.01	7.19	NA	7.51	1.02	8.53	582.76
October 29, 2004	NA	NA	NA	NA	7.24	0.01	7.25	NA	NA	NA	NA	NA
November 30, 2004	8.39	0.72	9.11	583.06	NP	0.00	7.11	NA	NA	NA	NA	NA
December 27, 2004	NA	NA	NA	NA	NP	0.00	7.11	NA	7.53	0.59	8.12	582.77
January 26, 2005	NA	NA	NA	NA	NP	0.00	7.01	NA	7.55	0.65	8.20	582.75
February 7, 2005	8.00	0.19	8.19	583.49	7.11	0.01	7.12	NA	7.17	0.39	7.56	583.15
March 17, 2005	8.34	0.28	8.62	583.15	NP	0.00	7.22	NA	7.63	0.65	8.28	582.67
April 13, 2005	8.33	0.35	8.68	583.15	NP	0.00	7.12	NA	7.46	0.69	8.15	582.83
May 31, 2005	8.29	0.38	8.67	583.19	NP	0.00	6.98	NA	7.56	0.83	8.39	582.72
June 28, 2005	8.06	0.04	8.10	583.45	6.67	0.01	6.68	NA	7.39	0.56	7.95	582.92
July 29, 2005	8.06	0.02	8.08	583.45	NP	0.00	6.73	NA	7.44	0.82	8.26	582.84
August 18, 2005	8.24	0.17	8.41	583.26	NP	0.00	6.83	NA	7.51	1.26	8.77	582.74
September 28, 2005	8.36	0.21	8.57	583.13	NP	0.00	7.04	NA	7.49	0.32	7.81	582.83
October 18, 2005	8.51	0.42	8.93	582.97	NP	0.00	7.26	NA	7.57	0.32	7.89	582.75
November 30, 2005	8.41	0.32	8.73	583.07	NP	0.00	7.16	NA	7.54	0.51	8.05	582.77
December 26, 2005	8.32	0.35	8.67	583.16	NP	0.00	7.19	NA	7.54	1.24	8.78	582.71
January 31, 2006	8.08	0.27	8.35	583.41	NP	0.00	6.79	NA	7.45	0.16	7.61	582.89
February 24, 2006	8.32	0.33	8.65	583.16	NP	0.00	6.99	NA	7.56	0.60	8.16	582.74
March 22, 2006	8.17	0.08	8.25	583.33	NP	0.00	6.75	NA	7.42	0.14	7.56	582.92
April 27, 2006	8.33	0.11	8.44	583.17	NP	0.00	6.84	NA	7.43	0.26	7.69	582.90
May 25, 2006	8.20	0.18	8.38	583.30	NP	0.00	6.62	NA	7.39	0.36	7.75	582.93
June 27, 2006	8.39	0.31	8.70	583.10	NP	0.00	6.79	NA	7.43	0.37	7.80	582.89
July 11, 2006	8.27	0.36	8.63	583.21	NP	0.00	6.79	NA	7.46	0.34	7.80	582.86
August 23, 2006	8.36	0.19	8.55	583.13	NP	0.00	6.81	NA	7.39	0.47	7.86	582.92
September 26, 2006	8.21	0.23	8.44	583.28	NP	0.00	6.70	NA	7.41	0.29	7.70	582.92

TABLE 2
GROUNDWATER AND LNAPL MEASUREMENT SUMMARY
JANUARY 2002 THROUGH THE PRESENT

GENERAL MOTORS CORPORATION
SAGINAW MALLEABLE IRON PLANT
SAGINAW, MICHIGAN

Date	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)
January 10, 2002	--	--	--	--	--	--	--	--	8.85	0.17	9.02	583.32
February 12, 2002	--	--	--	--	--	--	--	--	8.80	0.24	9.04	583.36
March 18, 2002	--	--	--	--	--	--	--	--	8.78	0.20	8.98	583.38
May 6, 2002	--	--	--	--	--	--	--	--	8.50	0.21	8.71	583.66
May 22, 2002	--	--	--	--	--	--	--	--	8.81	0.34	9.15	583.34
June 17, 2002	--	--	--	--	--	--	--	--	NA	NA	NA	NA
September 25, 2002	--	--	--	--	--	--	--	--	NA	NA	NA	NA
October 29, 2002	--	--	--	--	--	--	--	--	8.98	0.22	9.20	583.18
November 26, 2002	--	--	--	--	--	--	--	--	9.03	0.18	9.21	583.14
December 19, 2002	--	--	--	--	--	--	--	--	NA	NA	NA	NA
January 10, 2003	--	--	--	--	--	--	--	--	NA	NA	NA	NA
February 25, 2003	--	--	--	--	--	--	--	--	NA	NA	NA	NA
March 27, 2003	--	--	--	--	--	--	--	--	9.06	0.58	9.64	583.07
April 29, 2003	--	--	--	--	--	--	--	--	8.99	0.79	9.78	583.13
May 29, 2003	--	--	--	--	--	--	--	--	8.49	0.41	8.90	583.66
June 25, 2003	--	--	--	--	--	--	--	--	8.58	0.43	9.01	583.57
July 30, 2003	--	--	--	--	--	--	--	--	8.43	0.46	8.89	583.71
August 4, 2003	--	--	--	--	--	--	--	--	8.40	0.45	8.85	583.74
September 18, 2003	--	--	--	--	--	--	--	--	8.70	0.45	9.15	583.44
November 10, 2003	--	--	--	--	--	--	--	--	8.59	0.33	8.92	583.56
December 29, 2003	--	--	--	--	--	--	--	--	9.19	0.76	9.95	582.93
February 26, 2004	--	--	--	--	--	--	--	--	9.00	4.40	13.40	582.83
March 8, 2004	--	--	--	--	--	--	--	--	8.10	0.18	8.28	584.07
April 29, 2004	--	--	--	--	--	--	--	--	8.63	0.17	8.80	583.54
June 1, 2004	--	--	--	--	--	--	--	--	7.71	0.27	7.98	584.45
June 30, 2004	--	--	--	--	--	--	--	--	8.30	0.13	8.43	583.87
July 28, 2004	--	--	--	--	--	--	--	--	8.76	0.39	9.15	583.39
August 17, 2004	--	--	--	--	--	--	--	--	8.89	0.46	9.35	583.25
September 27, 2004	--	--	--	--	--	--	--	--	8.87	0.38	9.25	583.28
October 29, 2004	--	--	--	--	--	--	--	--	NA	NA	NA	NA
November 30, 2004	--	--	--	--	--	--	--	--	8.79	0.95	9.74	583.31
December 27, 2004	--	--	--	--	--	--	--	--	8.76	0.55	9.31	583.38
January 26, 2005	--	--	--	--	--	--	--	--	8.43	1.29	9.72	583.65
February 7, 2005	--	--	--	--	--	--	--	--	8.59	0.70	9.29	583.53
March 17, 2005	NP	0.00	7.13	NA	7.15	0.02	7.17	583.52	NA	NA	NA	NA
April 13, 2005	NP	0.00	6.91	NA	NP	0.00	6.87	583.80	8.60	0.28	8.88	583.56
May 31, 2005	NP	0.00	6.96	NA	NP	0.00	7.01	583.66	8.58	0.21	8.79	583.58
June 28, 2005	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	NP	0.00	6.73	NA	NP	0.00	6.73	583.94	8.05	0.17	8.22	584.12
August 18, 2005	NP	0.00	6.78	NA	NP	0.00	6.78	583.89	8.18	0.79	8.97	583.94
September 28, 2005	NP	0.00	6.95	NA	6.99	0.01	7.00	583.68	8.81	0.59	9.40	583.32
October 18, 2005	NP	0.00	7.14	NA	7.20	0.01	7.21	583.47	8.83	0.91	9.74	583.28
November 30, 2005	7.03	0.01	7.04	NA	NP	0.00	7.11	583.56	8.54	0.68	9.22	583.59
December 26, 2005	NP	0.00	7.14	NA	NP	0.00	7.20	583.47	NA	NA	NA	NA
January 31, 2006	NP	0.00	7.63	NA	NP	0.00	6.81	583.86	NA	NA	NA	NA
February 24, 2006	NP	0.00	7.82	NA	NP	0.00	6.81	583.86	8.49	0.33	8.82	583.66
March 22, 2006	NP	0.00	6.68	NA	NP	0.00	6.69	583.98	8.35	0.52	8.87	583.79
April 27, 2006	6.79	0.01	6.80	NA	NP	0.00	6.82	583.85	8.72	0.67	9.39	583.41
May 25, 2006	NP	0.00	6.74	NA	NP	0.00	6.76	583.91	8.45	0.56	9.01	583.69
June 27, 2006	NP	0.00	6.84	NA	NP	0.00	6.85	583.82	8.71	0.71	9.42	583.41
July 11, 2006	NP	0.00	6.83	NA	NP	0.00	6.90	583.77	8.49	0.86	9.35	583.62
August 23, 2006	NP	0.00	6.61	NA	NP	0.00	6.65	584.02	8.51	0.97	9.48	583.59
September 26, 2006	NA	NA	NA	NA	NP	0.00	6.76	583.91	8.31	0.48	8.79	583.83

TABLE 2
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
September 28, 2005	NP	0.00	9.01	583.06	NP	0.00	8.41	583.91	8.69	0.82	9.51	NA
October 18, 2005	NP	0.00	8.99	583.08	NP	0.00	8.41	583.91	--	--	--	NA
November 30, 2005	NP	0.00	8.93	583.14	NP	0.00	8.02	584.30	--	--	--	NA
December 26, 2005	NP	0.00	8.99	583.08	NP	0.00	7.98	584.34	8.43	0.87	9.30	NA
January 31, 2006	NP	0.00	8.72	583.35	NP	0.00	5.50	586.82	7.82	0.72	8.54	NA
February 24, 2006	NP	0.00	8.87	583.20	NP	0.00	6.78	585.54	8.36	1.04	9.40	NA
March 22, 2006	NA	NA	NA	NA	NP	0.00	6.29	586.03	8.22	0.81	9.03	NA
April 27, 2006	NA	NA	NA	NA	NP	0.00	7.66	584.66	8.57	0.99	9.56	NA
May 25, 2006	NA	NA	NA	NA	NP	0.00	7.25	585.07	8.31	0.96	9.27	NA
June 27, 2006	NA	NA	NA	NA	NP	0.00	7.91	584.41	NA	NA	NA	NA
July 11, 2006	NA	NA	NA	NA	NP	0.00	7.34	584.98	8.03	1.70	9.73	NA
August 23, 2006	NA	NA	NA	NA	NP	0.00	7.89	584.43	NA	NA	NA	NA
September 26, 2006	NP	0.00	8.90	583.17	NP	0.00	7.08	585.24	NA	NA	NA	NA

TABLE 2
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.

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