

# 2.08



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

INDUSTRIAL

Subject:

Monthly Report #156 – November 2007  
GM SMI Plant Property, REALM Inc. Green Point Landfill and  
Drum Remediation Area RI/FS/RAP, and Green Point Landfill Closure

Date:  
December 12, 2007

Dear Mr. Brouillet:

Contact:  
Lisa R. Coffey, P.G.

On behalf of the General Motors Corporation (GM) and Waste Management, Inc. (WMI), the November 2007 monthly report for the GM SMI Plant Property and the Remediation and Liability Management Company Inc. (REALM) Green Point Landfill Property is attached. Please contact me if you have any questions regarding the enclosed information.


Phone:  
315.671.9164

Email:  
lisa.coffey@  
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Sincerely,

ARCADIS of New York, Inc.

Our ref:  
B0027608 #2.08

  
Lisa R. Coffey (P.G.)  
Sr. Geologist II

Attachments

Copies:

Ms. Susan Kaelber-Matlock, MDEQ, ERD  
John Fordell Leone, Esq., Department of Attorney General  
Ms. Cheryl Hiatt/Mr. Edward Peterson, GM WFG  
Anthony Thrubis, Esq., GM Legal  
Mr. Kent Bainbridge, Waste Management, Inc.  
Mr. Jim Forney, Waste Management, Inc.  
Ms. Jo Ann Robertson, ARCADIS BBL

Imagine the result

General Motors Corporation Saginaw Malleable Iron Plant Property and  
REALM Inc. Green Point Landfill and Drum Remediation Area  
November 2007

### Significant RI/FS/RAP and Interim Measure Activities and Events

- The light non-aqueous phase liquid (LNAPL) recovery system located south of the main plant building is not currently operating due to the plant demolition activities. Power to the recovery system building was disconnected on October 26, 2007. The monitoring wells containing over 0.5 feet of LNAPL were manually bailed and approximately 3 gallons of LNAPL were removed. The wells in this area will continue to be monitored and bailed, until power can be restored (once the building is down). Historical LNAPL recovery information is provided in Table 1 and Table 2 presents current and historical LNAPL and groundwater elevation measurement data for monitoring wells located in the vicinity of the recovery system.
- The automated skimmer pump installed at monitoring well QPTW-3 in the Quench Pit Area did not operate during November 2007, due to shut down of plant operations. A total of approximately 2,420 gallons of LNAPL have been recovered by the system. Approximately 6,500 gallons of LNAPL were also removed by hand bailing from 1997 through 2002, prior to installation of the skimmer pump. As allowed by demolition activities, the wells in this area will be manually bailed until power is restored to the system.
- During November 26<sup>th</sup> through 29<sup>th</sup> groundwater sampling was completed along the Saginaw River berm. Monitoring wells B-7R, MW-112WT, and MW-185WT were sampled. Monitoring wells MW-117WTR, MW-111WT, MW-114WT, MW-108WT, MW-107WT, and MW-149WT contained insufficient water to allow collection of representative samples.

### Significant Green Point Landfill Closure Activities and Events

- None during November 2007.

### Key Correspondence and Communications

- A meeting was held on November 5<sup>th</sup> at GM's offices in Pontiac, Michigan, with Ms. Sue Kaelber-Matlock (MDEQ) and Mr. Allan Brouillet (MDEQ) to discuss MDEQ's comments on the *Work Plan for Additional Site Investigation*, dated July 24, 2007.
- The October 2007 monthly report, dated November 14, 2007, was submitted to the Michigan Department of Environmental Quality (MDEQ).
- A response letter to MDEQ comments on the *Work Plan for Additional Site Investigation* dated July 24, 2007 was sent to Ms. Sue Kaelber-Matlock (MDEQ) on November 28, 2007

**Anticipated Activities for December 2007 and January 2007**

- Continuation of LNAPL recovery activities using manual means, until a power supply to the automated recovery systems can be established given planned demolition activities.
- Collection of groundwater samples in the vicinity of the Green Point Landfill.

**TABLE 1  
LNAPL RECOVERY SUMMARY**

**GENERAL MOTORS CORPORATION  
SAGINAW MALLEABLE IRON PLANT  
SAGINAW, MICHIGAN**

| System Status   |  |   |
|---|--|---|
| Date  | Approximate Volume of LNAPL in Totes (gallons)               | Totalizer Reading (gallons)                         |
| November 1, 2007  | 550  | 3,068,100   |
| LNAPL Recovery - November 2007  |  |   |
| LNAPL Recovery Operation  | Approximate Volume of LNAPL Recovered (gallons)              | Approximate Volume of Groundwater Treated (gallons) |
| LNAPL System Recovery - November 2007   | 0  | 0   |
| LNAPL Recovery Summary  |  |   |
| LNAPL Recovery Operation  | Approximate Volume of LNAPL Recovered (gallons) <sup>1</sup> | Approximate Volume of Groundwater Treated (gallons) |
| LNAPL System - Total through November 2007  | 3,729  | 3,024,186   |
| 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 <sup>2</sup> | 60 +   | 450   |
| Total Hand Bailed - 1996 and 1997   | 710  | 0   |
| LNAPL/water recovered during repair of 42-Inch Storm Sewer Line (recovery from abandoned 30-inch line)    | 5,000 +  | unknown   |
| LNAPL/water recovered during Slip Lining of 42-Inch Storm Sewer Line                                      | 3,000 +  | unknown   |
| Totals:   | 12,520 +   | 3,024,636   |

<sup>1</sup> Total includes some water 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.

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

<sup>3</sup> On February 19, 2007, approximately 20 gallons of water were drained from tote 2, and the LNAPL recovery values were adjusted accordingly.

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

GENERAL MOTORS CORPORATION  
SAGINAW MALLEABLE IRON PLANT  
SAGINAW, MICHIGAN

| Date               | MW-132WT<br>reference elevation = 594.24 |                        |                       |                                   | MW-147WT<br>reference elevation = 592.07 |                        |                       |                                   | MW-157WT<br>reference elevation = 594.72 |                        |                       |                                   | MW-158WT<br>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) |
| 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     | --                                       | --                     | --                    | --                                | 6.38                                     | 1.84                   | 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                  | 585.80                            | 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 26, 2006 | NP                                       | 0.00                   | 10.75                 | 583.49                            | 5.67                                     | 1.84                   | 7.51                  | 586.27                            | 6.69                                     | 0.11                   | 6.80                  | 585.02                            | NP                                       | 0.00                   | 7.90                  | 583.88                            |
| October 30, 2006   | NP                                       | 0.00                   | 10.53                 | 583.71                            | 5.36                                     | 1.65                   | 7.01                  | 586.58                            | 5.71                                     | 0.22                   | 5.93                  | 585.99                            | 7.49                                     | 0.02                   | 7.51                  | 584.29                            |
| November 27, 2006  | NP                                       | 0.00                   | 10.80                 | 583.44                            | 6.00                                     | 1.66                   | 7.66                  | 585.94                            | 6.89                                     | 0.12                   | 7.01                  | 584.82                            | 7.92                                     | 0.01                   | 7.93                  | 583.86                            |
| December 27, 2006  | NP                                       | 0.00                   | 10.76                 | 583.48                            | 6.12                                     | 1.65                   | 7.77                  | 585.82                            | 7.00                                     | 0.02                   | 7.02                  | 584.72                            | NP                                       | 0.00                   | 7.94                  | 583.84                            |
| January 25, 2007   | NP                                       | 0.00                   | 10.98                 | 583.26                            | NA                                       | NA                     | NA                    | NA                                | 7.42                                     | 0.04                   | 7.46                  | 584.30                            | NA                                       | NA                     | NA                    | NA                                |
| March 6, 2007      | NP                                       | 0.00                   | 11.06                 | 583.18                            | 7.08                                     | 1.60                   | 8.68                  | 584.86                            | NP                                       | 0.00                   | 7.72                  | 584.00                            | NA                                       | NA                     | NA                    | NA                                |
| March 23, 2007     | NP                                       | 0.00                   | 10.97                 | 583.27                            | 6.18                                     | 1.64                   | 7.82                  | 585.76                            | 7.23                                     | 0.02                   | 7.25                  | 584.49                            | NP                                       | 0.00                   | 8.09                  | 583.69                            |
| April 30, 2007     | NP                                       | 0.00                   | 10.88                 | 583.36                            | 6.13                                     | 1.47                   | 7.60                  | 585.82                            | 7.10                                     | 0.05                   | 7.15                  | 584.62                            | 8.05                                     | 0.01                   | 8.06                  | 583.73                            |
| May 17, 2007       | NP                                       | 0.00                   | 10.90                 | 583.34                            | 6.19                                     | 1.57                   | 7.76                  | 585.75                            | 7.16                                     | 0.04                   | 7.20                  | 584.56                            | NA                                       | NA                     | NA                    | NA                                |
| June 12, 2007      | NP                                       | 0.00                   | 10.95                 | 583.29                            | 6.30                                     | 1.58                   | 7.88                  | 585.64                            | 7.20                                     | 0.02                   | 7.22                  | 584.52                            | NP                                       | 0.00                   | 8.11                  | 583.87                            |
| July 18, 2007      | NP                                       | 0.00                   | 11.01                 | 583.23                            | 6.42                                     | 1.62                   | 8.04                  | 585.52                            | 7.19                                     | 0.02                   | 7.21                  | 584.53                            | NP                                       | 0.00                   | 8.16                  | 583.82                            |
| August 28, 2007    | NP                                       | 0.00                   | 10.88                 | 583.36                            | 5.93                                     | 1.51                   | 7.44                  | 586.02                            | 6.71                                     | 0.02                   | 6.73                  | 585.01                            | NP                                       | 0.00                   | 7.97                  | 583.81                            |
| September 19, 2007 | NP                                       | 0.00                   | 10.37                 | 583.87                            | 5.59                                     | 1.53                   | 7.12                  | 586.36                            | 6.03                                     | 0.12                   | 6.15                  | 585.68                            | NP                                       | 0.00                   | 7.51                  | 584.27                            |
| October 25, 2007   | NP                                       | 0.00                   | 11.02                 | 583.22                            | 6.53                                     | 1.72                   | 8.25                  | 585.40                            | 7.46                                     | 0.08                   | 7.54                  | 584.25                            | NP                                       | 0.00                   | 8.31                  | 583.47                            |
| November 27, 2007  | NP                                       | 0.00                   | 10.27                 | 583.97                            | 6.47                                     | 1.58                   | 8.05                  | 585.47                            | 7.06                                     | 0.06                   | 7.12                  | 584.66                            | NP                                       | 0.00                   | 7.64                  | 584.14                            |

See Notes on Page 6.

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

GENERAL MOTORS CORPORATION  
SAGINAW MALLEABLE IRON PLANT  
SAGINAW, MICHIGAN

| Date               | MW-160WT<br>reference elevation = 591.53 |                        |                       |                                   | MW-161WT<br>reference elevation = 591.80 |                        |                       |                                   | MW-168WT<br>reference elevation = 592.11 |                        |                       |                                   | MW-169WT<br>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) |
| 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                                | NA                                       | NA                     | NA                    | NA                                |
| 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                                | NA                                       | NA                     | 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                                | NA                                       | NA                     | NA                    | NA                                |
| June 1, 2004       | 7.83                                     | 0.11                   | 7.94                  | 583.89                            | --                                       | --                     | --                    | --                                | 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                  | 583.55                            |
| 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                                | 8.55                                     | 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                                | NA                                       | NA                     | 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                                | NA                                       | NA                     | NA                    | NA                                |
| April 13, 2005     | 8.39                                     | 0.13                   | 8.52                  | 583.13                            | NP                                       | 0.00                   | 7.82                  | 583.98                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | 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                            | 7.39                                     | 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                                | NA                                       | NA                     | NA                    | NA                                |
| September 28, 2005 | 8.46                                     | 0.02                   | 8.48                  | 583.07                            | NP                                       | 0.00                   | 7.76                  | 584.05                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| October 18, 2005   | 8.66                                     | 0.06                   | 8.72                  | 582.87                            | NP                                       | 0.00                   | 8.00                  | 583.80                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| November 30, 2005  | 8.52                                     | 0.01                   | 8.53                  | 583.01                            | NP                                       | 0.00                   | 7.78                  | 584.02                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| December 26, 2005  | 8.44                                     | 0.01                   | 8.45                  | 583.09                            | NP                                       | 0.00                   | 7.76                  | 584.04                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| January 31, 2006   | NP                                       | 0.00                   | 8.21                  | 583.32                            | NP                                       | 0.00                   | 7.37                  | 584.43                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| February 24, 2006  | NP                                       | 0.00                   | 8.38                  | 583.15                            | NP                                       | 0.00                   | 7.49                  | 584.31                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| March 22, 2006     | 8.24                                     | 0.01                   | 8.25                  | 583.29                            | NP                                       | 0.00                   | 7.23                  | 584.57                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| April 27, 2006     | NP                                       | 0.00                   | 8.43                  | 583.10                            | NP                                       | 0.00                   | 7.35                  | 584.45                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| May 25, 2006       | NA                                       | NA                     | NA                    | NA                                | NP                                       | 0.00                   | 7.21                  | 584.59                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| June 27, 2006      | NP                                       | 0.00                   | 8.44                  | 583.09                            | NP                                       | 0.00                   | 7.39                  | 584.41                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| July 11, 2006      | NP                                       | 0.00                   | 8.40                  | 583.13                            | NP                                       | 0.00                   | 7.46                  | 584.34                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| August 23, 2006    | NP                                       | 0.00                   | 8.41                  | 583.12                            | NP                                       | 0.00                   | 7.41                  | 584.39                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| September 26, 2006 | NP                                       | 0.00                   | 8.32                  | 583.21                            | NP                                       | 0.00                   | 7.38                  | 584.42                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| October 30, 2006   | NP                                       | 0.00                   | 8.13                  | 583.40                            | NP                                       | 0.00                   | 7.17                  | 584.63                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| November 27, 2006  | NP                                       | 0.00                   | 8.40                  | 583.13                            | NP                                       | 0.00                   | 7.36                  | 584.44                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| December 27, 2006  | NP                                       | 0.00                   | 8.34                  | 583.19                            | NP                                       | 0.00                   | 7.32                  | 584.48                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| January 25, 2007   | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| March 6, 2007      | NP                                       | 0.00                   | 8.59                  | 582.94                            | NP                                       | 0.00                   | 7.78                  | 584.02                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| March 23, 2007     | NP                                       | 0.00                   | 8.53                  | 583.00                            | NP                                       | 0.00                   | 7.58                  | 584.22                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| April 30, 2007     | NP                                       | 0.00                   | 8.46                  | 583.07                            | NP                                       | 0.00                   | 7.40                  | 584.40                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| May 17, 2007       | NP                                       | 0.00                   | 8.44                  | 583.09                            | NP                                       | 0.00                   | 7.39                  | 584.41                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| June 12, 2007      | NP                                       | 0.00                   | 8.50                  | 583.03                            | NP                                       | 0.00                   | 7.45                  | 584.35                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| July 18, 2007      | NP                                       | 0.00                   | 8.54                  | 582.99                            | NP                                       | 0.00                   | 7.59                  | 584.21                            | NA                                       | NA                     | NA                    | NA                                | NP                                       | 0.00                   | 8.31                  | 583.51                            |
| August 28, 2007    | NP                                       | 0.00                   | 8.46                  | 583.07                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| September 19, 2007 | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| October 25, 2007   | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |
| November 27, 2007  | NP                                       | 0.00                   | 7.61                  | 583.92                            | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                | NA                                       | NA                     | NA                    | NA                                |

See Notes on Page 6.

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

GENERAL MOTORS CORPORATION  
SAGINAW MALLEABLE IRON PLANT  
SAGINAW, MICHIGAN

| Date               | MW-172WT<br>reference elevation = -581.5' |                        |                       |                                   | MW-175WT<br>reference elevation not available |                        |                       |                                   | MW-176WT<br>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) |
| 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                                      | 0.58                   | 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                  | 582.95                            | 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                  | 583.28                            | 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                            |
| October 30, 2006   | 8.07                                      | 0.15                   | 8.22                  | 583.43                            | NP  | 0.00                   | 6.55                  | NA                                | 7.35                                       | 0.38                   | 7.73                  | 582.97                            |
| November 27, 2006  | 8.29                                      | 0.16                   | 8.45                  | 583.21                            | NP  | 0.00                   | 6.79                  | NA                                | 7.37                                       | 0.34                   | 7.71                  | 582.95                            |
| December 27, 2006  | NA  | NA                     | NA                    | NA                                | NP  | 0.00                   | 6.83                  | NA                                | 7.36                                       | 0.33                   | 7.69                  | 582.96                            |
| January 25, 2007   | NA  | NA                     | NA                    | NA                                | NP  | 0.00                   | 6.83                  | NA                                | 7.41                                       | 0.38                   | 7.79                  | 582.91                            |
| March 6, 2007      | 8.44                                      | 0.29                   | 8.73                  | 583.05                            | NA  | NA                     | NA                    | NA                                | 7.51                                       | 0.51                   | 8.02                  | 582.80                            |
| March 23, 2007     | 8.41                                      | 0.33                   | 8.74                  | 583.07                            | NP  | 0.00                   | 7.13                  | NA                                | 7.51                                       | 0.46                   | 7.97                  | 582.80                            |
| April 30, 2007     | 8.34                                      | 0.36                   | 8.70                  | 583.14                            | NP  | 0.00                   | 6.89                  | NA                                | 7.48                                       | 0.25                   | 7.73                  | 582.85                            |
| May 17, 2007       | 8.32                                      | 0.19                   | 8.51                  | 583.17                            | NP  | 0.00                   | 6.86                  | NA                                | 7.13                                       | 0.33                   | 7.46                  | 583.19                            |
| June 12, 2007      | 8.33                                      | 0.38                   | 8.71                  | 583.15                            | NP  | 0.00                   | 6.91                  | NA                                | 7.47                                       | 0.28                   | 7.75                  | 582.86                            |
| July 18, 2007      | NA  | NA                     | NA                    | NA                                | NP  | 0.00                   | 7.02                  | NA                                | 7.46                                       | 0.32                   | 7.78                  | 582.86                            |
| August 28, 2007    | NA  | NA                     | NA                    | NA                                | NP  | 0.00                   | 6.96                  | NA                                | 7.46                                       | 0.29                   | 7.75                  | 582.87                            |
| September 19, 2007 | NA  | NA                     | NA                    | NA                                | NP  | 0.00                   | 6.66                  | NA                                | 6.87                                       | 0.11                   | 6.98                  | 583.47                            |
| October 25, 2007   | NP  | 0.00                   | 8.42                  | 583.09                            | NP  | 0.00                   | 7.08                  | NA                                | 7.59                                       | 0.25                   | 7.84                  | 582.74                            |
| November 27, 2007  | 7.50                                      | 0.02                   | 7.52                  | 584.01                            | NA  | NA                     | NA                    | NA                                | 6.52                                       | 0.14                   | 6.66                  | 583.82                            |

See Notes on Page 6.

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

GENERAL MOTORS CORPORATION  
SAGINAW MALLEABLE IRON PLANT  
SAGINAW, MICHIGAN

| Date               | MW-179WT<br>reference elevation = not available |                        |                       |                                   | MW-160WT<br>reference elevation = 596.67 |                        |                       |                                   | RW-1<br>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) |
| 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 28, 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  | --  | --                     | --                    | --                                | --                                       | --                     | --                    | --                                | 8.69                                 | 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                                 | 0.65                   | 9.44                  | 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                  | 583.66                            | 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                                 | 0.62                   | 8.97                  | 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                                 | 0.66                   | 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                  | 583.39                            |
| September 26, 2006 | NA  | NA                     | NA                    | NA                                | NP                                       | 0.00                   | 6.76                  | 583.91                            | 8.31                                 | 0.48                   | 8.79                  | 583.63                            |
| October 30, 2006   | NA  | NA                     | NA                    | NA                                | NP                                       | 0.00                   | 6.49                  | 584.16                            | NA                                   | NA                     | NA                    | NA                                |
| November 27, 2006  | NA  | NA                     | NA                    | NA                                | NP                                       | 0.00                   | 6.59                  | 584.08                            | 8.43                                 | 0.61                   | 9.04                  | 583.70                            |
| December 27, 2006  | NA  | NA                     | NA                    | NA                                | NP                                       | 0.00                   | 6.64                  | 584.03                            | NA                                   | NA                     | NA                    | NA                                |
| January 25, 2007   | NA  | NA                     | NA                    | NA                                | NP                                       | 0.00                   | 6.76                  | 583.91                            | NA                                   | NA                     | NA                    | NA                                |
| March 6, 2007      | NP  | 0.00                   | 7.13                  | NA                                | NP                                       | 0.00                   | 7.16                  | 583.51                            | 8.53                                 | 0.27                   | 8.80                  | 583.63                            |
| March 23, 2007     | NP  | 0.00                   | 6.90                  | NA                                | NP                                       | 0.00                   | 6.93                  | 583.74                            | 8.31                                 | 0.27                   | 8.58                  | 583.85                            |
| April 30, 2007     | NP  | 0.00                   | 6.56                  | NA                                | NP                                       | 0.00                   | 6.58                  | 584.09                            | 8.52                                 | 0.09                   | 8.61                  | 583.65                            |
| May 17, 2007       | NA  | NA                     | NA                    | NA                                | NP                                       | 0.00                   | 6.52                  | 584.15                            | 8.38                                 | 0.14                   | 8.52                  | 583.79                            |
| June 12, 2007      | NP  | 0.00                   | 6.57                  | NA                                | NP                                       | 0.00                   | 6.58                  | 584.09                            | 8.39                                 | 0.07                   | 8.46                  | 583.78                            |
| July 18, 2007      | NP  | 0.00                   | 6.75                  | NA                                | NP                                       | 0.00                   | 6.78                  | 583.89                            | 8.46                                 | 0.83                   | 9.09                  | 583.67                            |
| August 28, 2007    | NP  | 0.00                   | 6.82                  | NA                                | NP                                       | 0.00                   | 6.85                  | 583.82                            | 8.23                                 | 0.11                   | 8.34                  | 583.94                            |
| September 19, 2007 | NP  | 0.00                   | 6.65                  | NA                                | NP                                       | 0.00                   | 6.69                  | 583.98                            | 7.93                                 | 0.11                   | 8.04                  | 584.24                            |
| October 25, 2007   | NP  | 0.00                   | 6.98                  | NA                                | NP                                       | 0.00                   | 7.02                  | 583.65                            | 8.60                                 | 0.45                   | 9.25                  | 583.34                            |
| November 27, 2007  | NA  | NA                     | NA                    | NA                                | NP                                       | 0.00                   | 7.07                  | 583.60                            | 8.03                                 | 0.15                   | 8.18                  | 584.14                            |

See Notes on Page 6

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

GENERAL MOTORS CORPORATION  
SAGINAW MALLEABLE IRON PLANT  
SAGINAW, MICHIGAN

| Date               | RW-2<br>reference elevation = 592.07 |                        |                       |                                   | RW-3<br>reference elevation = 592.92 |                        |                       |                                   | 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) |
| 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 | 8.82                                 | 0.01                   | 8.83                  | 583.15                            | NP                                   | 0.00                   | 8.28                  | 584.04                            | NA                    | NA                     | NA                    | NA                                |
| November 18, 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 19, 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                                |
| October 30, 2006   | NP                                   | 0.00                   | 8.75                  | 583.32                            | NP                                   | 0.00                   | 7.05                  | 585.27                            | NA                    | NA                     | NA                    | NA                                |
| November 27, 2006  | NP                                   | 0.00                   | 8.94                  | 583.13                            | NP                                   | 0.00                   | 7.50                  | 584.62                            | NA                    | NA                     | NA                    | NA                                |
| December 27, 2006  | NP                                   | 0.00                   | 8.76                  | 583.31                            | NP                                   | 0.00                   | 7.33                  | 584.99                            | NA                    | NA                     | NA                    | NA                                |
| January 25, 2007   | NA                                   | NA                     | NA                    | NA                                | NP                                   | 0.00                   | 7.90                  | 584.42                            | NA                    | NA                     | NA                    | NA                                |
| March 6, 2007      | NP                                   | 0.00                   | 9.14                  | 582.93                            | NP                                   | 0.00                   | 8.18                  | 584.14                            | 8.54                  | 0.92                   | 9.46                  | NA                                |
| March 23, 2007     | NP                                   | 0.00                   | 8.64                  | 583.43                            | NA                                   | NA                     | NA                    | NA                                | 8.28                  | 0.89                   | 9.17                  | NA                                |
| April 30, 2007     | NP                                   | 0.00                   | 8.98                  | 583.09                            | NP                                   | 0.00                   | 8.03                  | 584.29                            | 8.37                  | 0.79                   | 9.16                  | NA                                |
| May 17, 2007       | NP                                   | 0.00                   | 8.99                  | 583.08                            | NP                                   | 0.00                   | 7.98                  | 584.34                            | 8.34                  | 0.77                   | 9.11                  | NA                                |
| June 12, 2007      | NP                                   | 0.00                   | 9.03                  | 583.04                            | NP                                   | 0.00                   | 8.21                  | 584.11                            | 8.29                  | 0.76                   | 9.05                  | NA                                |
| July 18, 2007      | NP                                   | 0.00                   | 9.07                  | 583.00                            | NP                                   | 0.00                   | 8.27                  | 584.05                            | 8.44                  | 0.01                   | 8.45                  | NA                                |
| August 28, 2007    | NP                                   | 0.00                   | 9.00                  | 583.07                            | NP                                   | 0.00                   | 7.57                  | 584.75                            | 8.12                  | 0.45                   | 8.57                  | NA                                |
| September 19, 2007 | NP                                   | 0.00                   | 8.44                  | 583.63                            | NP                                   | 0.00                   | 7.03                  | 585.29                            | 7.82                  | 0.11                   | 7.93                  | NA                                |
| October 25, 2007   | NP                                   | 0.00                   | 8.93                  | 583.14                            | NP                                   | 0.00                   | 8.32                  | 584.00                            | 8.69                  | 0.39                   | 9.08                  | NA                                |
| November 27, 2007  | NP                                   | 0.00                   | 8.04                  | 584.03                            | NP                                   | 0.00                   | 8.22                  | 584.10                            | 7.95                  | 0.22                   | 8.17                  | NA                                |

See Notes on Page 6.

**TABLE 2  
GROUNDWATER AND LNAPL MEASUREMENT SUMMARY  
OCTOBER 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.