



Infrastructure, environment, facilities

Mr. Allan Brouillet
Environmental Response Division
Michigan Department of Environmental Quality
Saginaw Bay District
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INDUSTRIAL

Subject:

Monthly Report #157 – December 2007
GM SMI Plant Property, REALM Inc. Green Point Landfill and
Drum Remediation Area RI/FS/RAP, and Green Point Landfill Closure

Date:

January 14, 2008

Dear Mr. Brouillet:

Contact:

Lisa R. Coffey, P.G.

On behalf of the General Motors Corporation (GM) and Waste Management, Inc. (WMI), the December 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:

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Email:

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Sincerely,

Our ref:

B0027608 #2.08

ARCADIS

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

Attachments

Copies:

Ms. Susan Kaelber-Matlock, MDEQ, ERD
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Ms. Cheryl Hiatt/Mr. Edward Peterson, GM WFG
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Mr. Kent Bainbridge, Waste Management, Inc.
Mr. Jim Forney, Waste Management, Inc.
Ms. Jo Ann Robertson, ARCADIS

Imagine the result

Monthly Report #157
General Motors Corporation Saginaw Malleable Iron Plant Property and
REALM Inc. Green Point Landfill and Drum Remediation Area
December 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 plant demolition activities. Power to the recovery system building was disconnected on October 26, 2007. Monitoring wells were not manually bailed this month due to a 10-inch snow cover, which prevented location of the flush-mount monitoring wells. The wells in this area will continue to be monitored and bailed, when possible, until power can be restored (once the building is down).
- The automated skimmer pump installed at monitoring well QPTW-3 in the Quench Pit Area did not operate during December 2007, due to shut down of plant operations. Approximately 4.5 gallons of LNAPL were bailed from the monitoring wells located in the Quench Pit Area. As allowed by demolition activities, the wells in this area will be manually bailed until power is restored to the system.

Significant Green Point Landfill Closure Activities and Events

- During the week of December 3, 2007, the Annual Green Point Landfill Groundwater Monitoring Event (expanded in response to an MDEQ request for additional data) was completed with the exception of sample collection at the eight monitoring wells located east of the landfill, adjacent to the Saginaw River. Due to proximity to the river and the sensitivity of the data to sample turbidity, these samples need to be collected using very low flow rates, which was not possible given the freezing temperatures in December. Monitoring wells in the X-4 and X-9 well clusters, and monitoring well MW-183WT will be sampled in January 2008.

Key Correspondence and Communications

- The November 2007 monthly report, dated December 12, 2007, was submitted to the Michigan Department of Environmental Quality (MDEQ).

Anticipated Activities for January and February 2008

- 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 using ultra-low flow methods from monitoring well MW-183WT, and monitoring wells in the X-4 and X-9 well clusters.