

A WMX Technologies Company Phone 313.462.6900  
17250 Newburgh Road  
Suite 100  
Livonia, MI 48152-2618

May 12, 1997

Mr. Matthew Hartman  
Michigan Department of Environmental Quality  
Saginaw Bay District Office  
503 North Euclid Avenue  
Bay City, Michigan 48706

Mr. Jack Parrot  
United States Nuclear Regulatory Commission  
Low-Level Waste and Decommissioning Project Branch  
Division of Waste Management  
Office of Nuclear Material Safety and Safeguards  
11555 Rockville Pike  
Rockville, Maryland 20852

**SUBJECT: Monthly Progress Report - April 1997**  
**SCA/Hartley & Hartley Landfill Site**  
**Bay City, Michigan**

Dear Mike and Jack:

Attached for your review and information is the **April 1997 Monthly Progress Report** for the SCA/Hartley & Hartley Landfill Site in Bay County, Michigan. The report contains a summary of activities completed during the past month and anticipated activities scheduled for the coming month.

Please contact me at 313-462-6915 with any questions or comments you may have regarding the format or information contained in the progress report or about the project in general.

Sincerely,

9705300069 970512  
PDR ADOCK 04009022  
C PDR

Thomas J. Kern  
Senior Remedial Manager

cc: Dee Brncich/ Waste Management, Inc.  
Katie Moertl/ Waste Management, Inc.  
0110 Bob Driscoll/ Stinson Mag & Fizzell.  
Dave Peterson/ Intera, Albuquerque.  
Dave Dolan/Waste Management, Inc.  
Scott Luetlich/ GeoSyntec Consultants.

Jim Forney/ Waste Management, Inc.  
Robert Hill/ Bay County Health Department-Environmental Health.  
Mike McCann/ US NRC Region III.  
Brad Sims/ Rust, Oak Brook.  
Sarah Foster/ The Weinberg Group, Inc.

290110

TJK/jp/corresp/hartley/051297mh.doc

File: Hartley &amp; Hartley / Monthly Agency Progress Report/ 3.

**SCA/HARTLEY & HARTLEY LANDFILL SITE  
BAY COUNTY, MICHIGAN**

**MONTHLY PROGRESS REPORT  
April 1997**

The following is a monthly progress report for activities which occurred during the month of February 1997.

**I. ACTIONS COMPLETED AS PART OF 1984 AMENDMENT TO THE 1980 CONSENT ORDER:**

- A. Representatives of Rust Environment & Infrastructure, Inc. (Rust) notified the Michigan Department of Environmental Quality (MDEQ) in writing on April 14, 1997 of the dates for the annual sampling of the groundwater monitoring wells and surface water locations. Rust and SCA scheduled the work for May 5 through May 7.
- B. MDEQ and the Michigan Department of Natural Resources (MDNR) notified SCA on April 24, 1997 of an area of apparent contamination east of the MDNR landfill. The State of Michigan also notified other Potentially Responsible Parties (PRPs) of the fact.
- C. Representatives of SCA met with representatives of MDEQ, MDNR, and MDNR's consultant at the State of Michigan landfill on April 28, 1997 to observe the area of possible contamination.
- D. Representatives of MDEQ notified SCA on April 29, 1997 of an apparent leachate seep near the Northwest Landfill on the SCA property.
- E. Representatives of SCA met with Representatives of K&D Industries at the site to observe the apparent seep and to contain the material. SCA directed K&D to install a primary and secondary absorbent boom in a small pond located west of the Northwest Landfill. K&D also placed absorbent sheets within the primary boom to absorb the small amount of sheen contained within the boom. SCA directed K&D to monitor and replace the containment measures, as necessary, on a regular basis.
- F. The State of Michigan informed SCA of a meeting with the PRPs scheduled for 10:00 AM on May 8, 1997 to discuss the area of apparent contamination east of the State landfill.

**II. ACTIONS COMPLETED AS PART OF RI/FS:**

- A. Innovative treatability studies outlined in "Final Work Plan Addendum for Additional Site Characterization and Treatability Studies", July 1996, were initiated during the week of August 12. The results of these studies are currently undergoing internal review and plans for additional studies are being developed for 1997.

**III. ACTIONS COMPLETED AS PART OF SDMP:**

- A. SCA and Intera submitted a revised technical memorandum "Dose Calculations for the SCA/Hartley & Hartley Landfill Site using the 1985 Oak Ridge Associated Universities (ORAU) Data" in accordance with discussions with U.S. NRC at the November 6, 1996 meeting.
- B. SCA notified NRC regarding the apparent leachate seep near the Northwest Landfill. SCA directed representatives of OHM Remediation Services Corporation (OHM) to complete a

radiological survey of the apparent seep area. The survey indicated levels consistent with background. SCA will direct Rust to collect samples in this area for radiological analysis.

**IV. PROJECT SCHEDULE -- ACTIVITIES PLANNED FOR MAY 1997:**

- A. Continue reviewing 1996 leachate treatability studies outlined in the agency-approved Work Plan Addendum and develop plans for possible 1997 on-Site studies.
- B. Continue the preparation of Draft Remedial Investigation Report.
- C. Submit analytical data regarding samples collected at T-18 location (Phase IIB, intrusive investigation) to U.S. NRC in accordance with discussions at November 6, 1996 meeting.
- D. Meet with the State of Michigan on May 8, 1997 regarding the apparent contamination east of the State landfill.
- E. Complete annual groundwater and surface water sampling at the site, in accordance with the 1980\1984 Consent Order and in accordance with written notification to MDEQ. SCA will also direct Rust to collect additional groundwater, surface water, and sediment samples associated with the apparent contamination east of the State landfill and near the apparent leachate seep near the SCA Northwest Landfill.

**V. PROBLEMS, OUTSTANDING ISSUES, AND/OR DELAYS EXPERIENCED DURING APRIL 1997:**

None.