

**Monthly Status Report**  
**W. R. Grace Superfund Site**  
**Acton, Massachusetts**  
**February 23, 2009**

W. R. Grace (Grace) is conducting the Remedial Design/Remedial Action (RD/RA) for Operable Unit Three (OU-3) at the above referenced site. This Monthly Status Report is being transmitted to keep the Government Parties advised of the progress and schedule of ongoing activities. This report summarizes the activities completed in the past month, provides a schedule of activities planned for the coming month and describes any problems encountered. The exact date of scheduled activities may change due to resource availability and/or weather. Those interested in being kept advised of schedule changes of a particular activity are requested to contact the person listed for that activity.

**Groundwater Discharge Standards**

The Government Parties approved the groundwater discharge standards on December 20, 2006. Grace is expecting a supplemental effluent memorandum from the Government Parties.

**Evaluation of Interim Groundwater Cleanup Standards**

The Government Parties provided Grace with comments on the Evaluation of Interim Groundwater Cleanup Standards on February 1, 2007. Grace will resubmit the document in 2009.

**Sediment Pre-Design Work**

Grace submitted responses to USEPA's June 3, 2008 comments regarding the April 2008 *Sediment Pre-Design Results Report* on November 17, 2008. Following approval of the *Sediment Pre-Design Results Report*, Grace will prepare the *Sediment Conceptual Design*.

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**Annual Groundwater Monitoring**

Validation of the water quality data is completed and the data have been uploaded into the project database. Plume maps and trend analyses are being prepared.

Tables summarizing the 2008 water quality data will be sent to the Acton Water District during the week of February 23, 2009.

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## **Landfill Area Groundwater Pre-Design Work**

Grace is preparing the *Landfill Area Groundwater Pre-Design Results Report* and is making modifications to the groundwater flow and contaminant transport model to better match hydraulic testing results and water quality versus time trends in the Landfill Area. As discussed with the Government Parties, the *Landfill Area Groundwater Pre-Design Results Report* will be due April 1, 2009.

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## **Northeast Area Groundwater Pre-Design Work**

Grace is currently preparing the *Northeast Area Concept Design*, which is due to the Government Parties March 19, 2009.

Grace has begun access discussions with BOC Gases/Linde for implementation of the Northeast Area remedy.

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