

Monthly Status Report
W. R. Grace Superfund Site
Acton, Massachusetts
July 31, 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 Levels

The Government Parties provided Grace with comments on the *Evaluation of Interim Groundwater Cleanup Levels* on February 1, 2007. Grace will submit a document addressing background manganese groundwater concentrations and the manganese IGCL by the end of September 2009.

Sediment Pre-Design Work

Grace submitted the *Sediment Concept Design Report* on June 26, 2009. A conference call to discuss the report is scheduled for August 13 at 9:30 AM.

[Contact: Jeff Holden, BBL, 860-645-1084 x12, jeffrey.holden@arcadis-us.com]

Annual Groundwater Monitoring

Grace received comments on the *Monitoring Program Report, 2008* from USEPA on July 24, 2009. Grace is reviewing the comments.

[Contact: Anne Sheehan, GeoTrans, 603-856-7229, asheehan@geotransinc.com]

Landfill Area Groundwater

The Government Parties sent Grace comments regarding the *Landfill Area Groundwater Pre-Design Results Report* on June 9, 2009. Grace will submit a letter responding to the Government Party comments in August 2009. Grace is preparing the *Landfill Area Groundwater Concept Design*, which will be submitted by September 8, 2009.

[Contact: Anne Sheehan, GeoTrans, 603-856-7229, asheehan@geotransinc.com]

Northeast Area Groundwater

The Government Parties accepted Grace's June 4, 2009 QAPP addendum for VPH/EPH analysis of groundwater samples on July 9, 2009.

Groundwater and soil samples collected from RE-1OBS and RE-2OBS were analyzed for VOC, SVOC, 1,4-dioxane, EPH/VPH and inorganic compound analysis. Nothing of note was detected in the samples.

Extraction well NE-1 was installed in mid-July to a total depth of 210 feet. The well is currently open in bedrock from 139 to 210 feet. Packer testing done during the week of July 27 indicates that the borehole can sustain approximately 20 gpm. VDC concentrations from samples collected during the packer testing ranged from 220 µg/L to 280 µg/L. Currently the borehole is being extended an additional 40 feet into bedrock then a packer test will be done on the bottom interval.

Reinjection well RE-1 has been installed and reinjection well RE-2 will be installed in early August.

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