



**MONTHLY DESIGN PROGRESS REPORT  
BEEDE WASTE OIL SUPERFUND SITE  
July 2009**

**Report Date:** August 14, 2009

This monthly progress report is submitted to the U.S. Environmental Protection Agency (EPA) and New Hampshire Department of Environmental Services (NHDES) documenting the activities completed during the month of July 2009 at the subject site pursuant to Section V.A.1 of the RD/RA Statement of Work and Section X of the Consent Decree.

1. Reporting Activities Completed and Ongoing

- Submittals
  - June Monthly Design Progress Report submitted July 14, 2009
  - Beede Deliverables Status list submitted July 14, 2009
  - Summary Memo on heating tank issue submitted on July 16, 2009
  - Draft Thermal Bench Test Work Plan submitted July 22, 2009
  - Draft Annual Groundwater and Surface Water Monitoring Plan submitted July 24, 2009
  - Phase II Sediment Results and Phase III Sampling Technical Memorandum submitted July 24, 2009
  - Draft plan for approaching access evaluations submitted on July 25, 2009
- Deliverables in Agency Review
  - Draft SVE System Treatability Study Work Plan submitted December 6, 2007. Task 3 Numerical Modeling, Task 4 Bench Scale Testing and Task 5 Thermally Enhanced SVE Field Pilot Evaluation (if applicable) are under review.
  - Proposed Residential Monitoring Plan (long term portion) submitted June 30, 2009
- Deliverable Comments or Approvals Received this Period
  - Government Comments on SVE Investigatory Boring and Target Sample Intervals received July 9, 2009
  - Approval to perform July residential monitoring received by email from Jim Brown on July 20, 2009
  - Comments on Memorandum regarding leaking AST in building garage bays received July 22, 2009
  - Final Institutional Controls Plan approval received July 23, 2009
- Deliverables In Production
  - Comment Response Letters due August 28, 2009
  - Groundwater Treatability Study Report due August 28, 2009
  - Infiltration Test Report due August 31, 2009
  - Soil pile characterization work plan

2. Site & Other Activities Completed



- W&C inspected the NTCRA vacuum pump system and turned the motor per USEPA request
- W&C performed water level elevation gauging and surface water elevation gauging.
- SVE investigatory boring program was performed between July 8 and July 17, 2009
- Residential monitoring was performed on July 22 and 23, 2009

3. Sampling Data/Results

- June 2009 residential 1,4-dioxane results were provided by email on July 6, 2009

4. Health & Safety Update

- None

5. Quality Assurance

- No new activities

6. Community Relations Update

- None

7. Concerns Encountered and Corrective Actions Taken

- Action Items from Last Period
  - None
- Other

8. Ongoing Activities

- Deliverables – see section 1 above
- Field Activities
  - see below

9. Anticipated Near-Term Project Schedule

- Activities anticipated to be performed in July:
  - NTCRA pump motor turning – as needed and TBD
  - Groundwater and surface water elevation monitoring will be performed at monitoring wells and stream gauges.
  - Follow up sediment sampling may be performed in late August depending on work plan review progress
  - Monthly residential water sampling will be performed as part of 1,4-dioxane monitoring program



- Collection of soil samples for bench testing may be performed in late August depending on work plan review progress.

10. Upcoming Meetings and Conference Calls

- Routine conference calls were held on July 13 and 27, upcoming calls will be held on August 10 and 24 at 9 AM.
- A conference call was held on July 28 to discuss the groundwater pump test and model comments

11. Anticipated Concerns and Proposed Solutions

- None at this time