

MINUTES

Conductorlab Oversight Committee Meeting

Town of Groton, MA

March 16, 2011

Attendees

Conductorlab Oversight Committee – Arthur Blackman, Michelle Collette, Robert Hanninen, Kim Henry, Mark Deuger

Honeywell – Maria Kaouris

Mactec – Kerry Tull

Opening

The minutes from the previous meeting, prepared by Mr. Hanninen, were approved.

Mr. Blackman asked Ms. Kaouris to provide the name of the Honeywell representative who attended the July 27, 2009 Selectman's meeting. It was her supervisor, John Morris.

Remediation Status Update

Ms. Kaouris and Mr. Tull provided a brief summary of the project history:

- **September 2009** - First treatment event, 10,000 gallons of oxidant applied to trenches in trichloroethylene (TCE) target area, achieved 40% reduction in TCE concentrations
- **October 2009 to February 2010** - Hexavalent chromium (Cr VI) treatment
- **November 2010** - Fluorescent dye tracer test to optimize bedrock treatment
- **December 2010** - Second treatment event, 12 injection wells, 99% reduction in concentrations
- **January 2011** - TCE is below Upper Concentration Limit of 50,000 parts per billion
- **February 2011** - No increase in Cr VI

A summary was also provided of project events relative to treatment of Cr VI:

- **October 2009** - Elevated Cr VI detected
- **October 2009 to February 2010** - Multiple treatment events
- **April 2010** - Cr VI results stabilized below historical levels
- **December 2010** – Second TCE treatment included pretreatment (sodium metabisulfite) to prevent generation of Cr VI

Future activities proposed by Honeywell:

- Conduct four quarterly rounds of groundwater sampling and obtain TCE and Cr VI data to support the Human Health Risk Characterization
- Work with Town of Groton to identify highest and best use of property and to implement an Activity and Use Limitation (AUL) which supports that use
- Market and sell the property
- Close out groundwater treatment system, using acceptable decommissioning procedures

The question of matrix diffusion was raised and whether this would cause a rebounding of concentrations in bedrock groundwater. Mr. Tull answered that the hope was that oxidant would persist in the subsurface and address any rebound.

Ms. Collette raised a question about the AUL and whether it would remain in effect in perpetuity. Mr. Tull explained that an AUL represents a permanent restriction attached to the deed of the property (although the restrictions can be modified in the future based on a Licensed Site Professional opinion and the AUL amended or retracted as needed). Ms. Collette also asked if Honeywell could donate the property parcel containing the brook and the wetland to provide access between the rail trail and Mill Street. Ms. Kaouris said that Honeywell would consider this.

Honeywell provided additional clarification:

- If additional treatment or “polishing” is required to meet cleanup goals, then four additional quarters of groundwater monitoring would be conducted.
- Risk characterization will address contact with soil and groundwater in construction worker scenario.
- Soil removal had been previously conducted at the site as part of cleanup.
- Honeywell will solicit guidance from Mark Baldi of MassDEP on system decommissioning requirements.

The committee closed the meeting by requesting that the next meeting be scheduled after two rounds of groundwater monitoring had been completed in April and July. A tentative date of September 7 at 2:30 was proposed.

For the Committee

Kim Henry, Member