
Voluntary Cleanup Program

Progress Report

June 2009

Former Churchville Ford Site (#V00658-8)
111 South Main Street
Village of Churchville
Monroe County, New York

This progress report covers the month of June 2009.

Activities Relative to Site for Period

On April 29, 2009 Okar Equipment Company, Inc. granted Lu Engineers a notice to proceed with the activities outlined in the NYSDEC approved Remedial Action Work Plan, dated December 2008.

In the month of May 2009, Lu Engineers supervised the installation of 5 shallow injection wells by Trec Environmental as per the approved RA Work Plan. Four of the wells were installed inside the building, up-gradient and cross-gradient from the source area. One injection well was installed outside, north of the source area. The Remox 40% permanganate solution was delivered to the Site on May 29, 2009 and stored appropriately inside the building away from incompatible materials.

In the month of June 2009, Lu Engineers and Trec Environmental, Inc. conducted the first two injection events of 3% permanganate solution at the Former Churchville Ford facility. This process included correspondence and coordination with Region 8 of the NYSDEC.

On June 5, 2009 Trec Environmental, Inc. used a Geoprobe GS2000 Injection Pump system to inject the solution into the 5 newly installed injection wells during the first event. The solution was also manually introduced into wells MW-1, MW-3 and MW-6. A total of approximately 113 gallons of 3% permanganate solution was introduced into the water table during this event.

The second injection event was conducted on June 18, 2009 during which approximately 114 gallons of 3% permanganate solution was injected into the water table in the source area through the 8 previously described wells.

During the first injection event, injection well IW-JCL-1 leaked permanganate solution at the curb-box completion after introducing approximately 3 gallons of 3% permanganate solution. Injection activity was then stopped at this location.

During the second injection event at well IW-JCL-5, a minor amount of 3% solution was observed leaking up through the asphalt seams outside the west end of the Site building, adjacent to IW-JCL-5. This leakage was observed after injecting approximately 22 gallons of solution at IW-JCL-5. Due to the leakage observed at these two locations, two additional injection wells were installed inside the Site building on June 22, 2009. Each replacement well was installed within 5 feet of the original injection well location.

In general, injection pressures observed during introduction of the chemical solution remained at 10 psi or less. A total of 227 gallons of 3% permanganate solution was injected into the groundwater at a rate averaging approximately 0.85 gallons per minute during this period.

Activities Anticipated for Next Period

Site activities planned for next month include two injection events with the Remox solution, spaced approximately 2 weeks apart as per the RAWP.

Approved Site Activity Modifications

There were no deviations from or modifications of the RAWP during this period.

Sampling/Testing Results

No sampling was performed during the month of June. It is anticipated that groundwater samples, colormetric testing and groundwater level measurements will be conducted in July.