

Dewey Loeffel Landfill (# 4-42-006)
Project Update - November, 2009

Operable Unit 1 (landfill cap and slurry wall)

- ☐ **Status of the maintenance of the landfill** - Pumping from the on-site leachate collection tank continues. Tanker trucks continue to transport the leachate for off-site treatment at a permitted disposal facility. Routine site maintenance continues by DEC personnel and DEC contractors.

Operable Unit 2 (landfill waste, leachate and groundwater)

- ☐ **Status of the operating off-site groundwater extraction system** - The three off-site groundwater plume extraction wells continue to operate for the season. These wells are currently maintained by a DEC contractor. Approximately 5 - 6,000 gallons of contaminated groundwater are being extracted per day for off-site disposal.
- ☐ **Off-site groundwater monitoring program status** - Monitoring by GE's consultant of a network of the off-site groundwater monitoring wells on a semi-annual basis continues in accordance with the approved work plan. The May 2009 Groundwater monitoring report was submitted and is available at the Nassau library. The fall sampling event has been completed. An enhanced groundwater monitoring program is to be implemented in the Spring 2010 to assess the performance of the off-site extraction wells.
- ☐ **Residential potable well treatment and sampling program status** - The maintenance of the 5 residential treatment system continues by a GE consultant and bottled water continues to be provided. The Fall residential well sampling program has been completed. This sampling included the semi-annual list (6 residential wells), the annual list (6 residential wells) and the biennial list (7 residential wells) for a total of 19 residential wells. None of these residential wells have been impacted by the groundwater plume.

- ❑ **Status of the upgraded on-site leachate collection system and treatment plant design** - As previously explained, the design and construction of the on-site treatment plant is on hold. It is anticipated that the remedy will be re-evaluated by the USEPA once the site is finalized on the National Priorities List (see below for additional information).

Operable Unit 3 (drainageways and Nassau Lake)

- ❑ **Valatie Kill & Nassau Lake fish collection and sampling** - The 2009 fish collection events were completed in June and July by a GE consultant with DEC oversight. As in previous years, fish were collected at 11 locations in the T-11A tributary and the Valatie Kill. Multiple species are collected at most locations. Samples were processed in accordance with the accepted statement of work dated March 2009. Sampling in Nassau Lake was also completed successfully. Analytical data and a report should be available later this year. The fish sampling will continue in 2010.
- ❑ **Fish advisories for the Valatie Kill & Nassau Lake** - There are no changes to the fish consumption health advisories for 2009.
- ❑ **Status of the Nassau Lake replacement dam construction** - The replacement dam is completed and a final completion certification was issued by the design engineer on May 4, 2009. Signage has been installed and site demobilization has been completed.
- ❑ **Sediment Sampling Completed in July** - As part of the ongoing efforts to monitor the residual PCB contamination levels in the drainages ways from the landfill to Nassau Lake, sediment samples were collected in the T-11A/Valatie Kill drainageway and from the Valley Stream/Smith Pond drainageway as well as Nassau Lake. Background samples from each drainageway are included in the sampling event. DEC personnel oversaw this work. A data report will be prepared and made available to the public. Based on the results of the sampling in T11A, additional soils/sediments will be evaluated for possible removal.

Additional News - The NYSDEC formally nominated the site to the United States Environmental Protection Agency (USEPA) on October 13, 2009 for listing on the federal National Priorities List (NPL). If listed, the site would qualify for funding under the federal superfund program.

For further information on the Dewey Loeffel Landfill Site, contact:

For questions on the overall project status:

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For questions on the fish collection and analysis program:

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For information on the USEPA NPL listing:

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Where can I find information on the site? Site related documents can be viewed at the Nassau Free Library, 18 Church Street, Nassau, N.Y. (open 2pm - 8pm Monday - Friday and 10am - 1pm on Saturday. Closed Sunday) or by contacting one of the above listed contacts. Also, on the DEC website at: <http://www.dec.ny.gov/chemical/37564.html>