

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

Operable Unit 1 (landfill cap and slurry wall)

- ❑ **Status of the maintenance of the landfill** - With the reactivation of the off-site extraction wells for the season, there are now 8 - 10 tanker trucks per week leaving the site for the off-site treatment and disposal of leachate and contaminated groundwater. Replacement of the leachate collection pump and shed is completed. Routine site maintenance continues by DEC personnel and DEC contractors. This includes: maintaining the access road within the landfill, quarterly inspection of the landfill cap by walking the entire cap area and fence line, mowing of the capped areas on an annual basis and leachate collection from the landfill area and off-site wells.

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 began continuous operations in late April for the 2009 season. These wells are currently maintained by a DEC contractor. Approximately 5 - 6,000 gallons of contaminated groundwater is being extracted per day for off-site disposal. Extraction well EW-3 is currently being serviced and will be out-of service for a short period. The other two extraction wells continue to operate on a 24 hours/7 days a week basis. From measuring the water levels in nearby monitoring wells, it appears that the groundwater contaminant plume is being captured which will ultimately reduce and/or eliminate the contaminant concentrations in the three in-service downgradient impacted private drinking water wells.

- ❑ **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.
- ❑ **Residential potable well treatment and sampling program status** - Residential well sampling continues. The maintenance of the 4 residential treatment system continues and bottled water continues to be provided. In addition, GE's consultant ARCADIS was out the last week of May collecting the semi-annual residential well samples from residents along Central Nassau Road west of Curtis Hill Road.
- ❑ **Status of the upgraded on-site leachate collection system and treatment plant design** - As previously explained in the November, 2008 coalition meeting, the design and construction of the on-site treatment plant is on hold while the evaluation of other alternatives is completed. The community will be consulted prior to any final decisions being made.

Operable Unit 3 (drainageways and Nassau Lake)

- ❑ **Valatie Kill & Nassau Lake fish collection and sampling** - The 2009 fish collection event is scheduled to began the week of June 15th. As in previous years, 11 locations in the T-11A tributary and the Valatie Kill are planned to be sampled. Multiple species are collected at most locations. Samples will processed in accordance with the accepted statement of work dated March 2009. GE's consultant will be the lead in collecting the samples with NYSDEC oversight. Sampling in Nassau Lake is tentatively scheduled for July 9th and is dependent on the weed levels in the lake.
- ❑ **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 substantial completion certification was issued by the design engineer on March 18, 2009. Signage has been installed and site demobilization has been completed.
- ❑ **Sediment Sampling Planned for the week of June 8th** - as part of the ongoing efforts to monitor the residual PCB contamination levels in the drainages ways from the landfill to Nassau Lake, approximately 10 sediment samples will be collected in the T-11A/Valatie Kill drainageway and another

10 samples from the Valley Stream/Smith Pond drainageway. Sediment samples will also be collected where the Valatie Kill and Valley Stream enter Nassau Lake. Background samples from each drainageway are included in the sampling event. DEC personnel are overseeing this work.

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

for questions on the overall project status:

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