

Dewey Loeffel Landfill (# 4-42-006)
Project Update - September 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 is 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.
- Residential potable well treatment and sampling program status -** Residential well sampling continues. The maintenance of the 5 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 events were completed in June & July by a GE contractor 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. This 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 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 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, approximately 10 sediment samples were collected in the T-11A/Valatie Kill drainageway and another 10 samples from the Valley Stream/Smith Pond drainageway. Sediment samples were also be collected where the Valatie Kill and Valley Stream enter Nassau Lake and in the lake itself. 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.

Additional News - At the request of the NYSDEC, the United States Environmental Protection Agency (USEPA) is currently evaluating the Dewey Loeffel site for possible 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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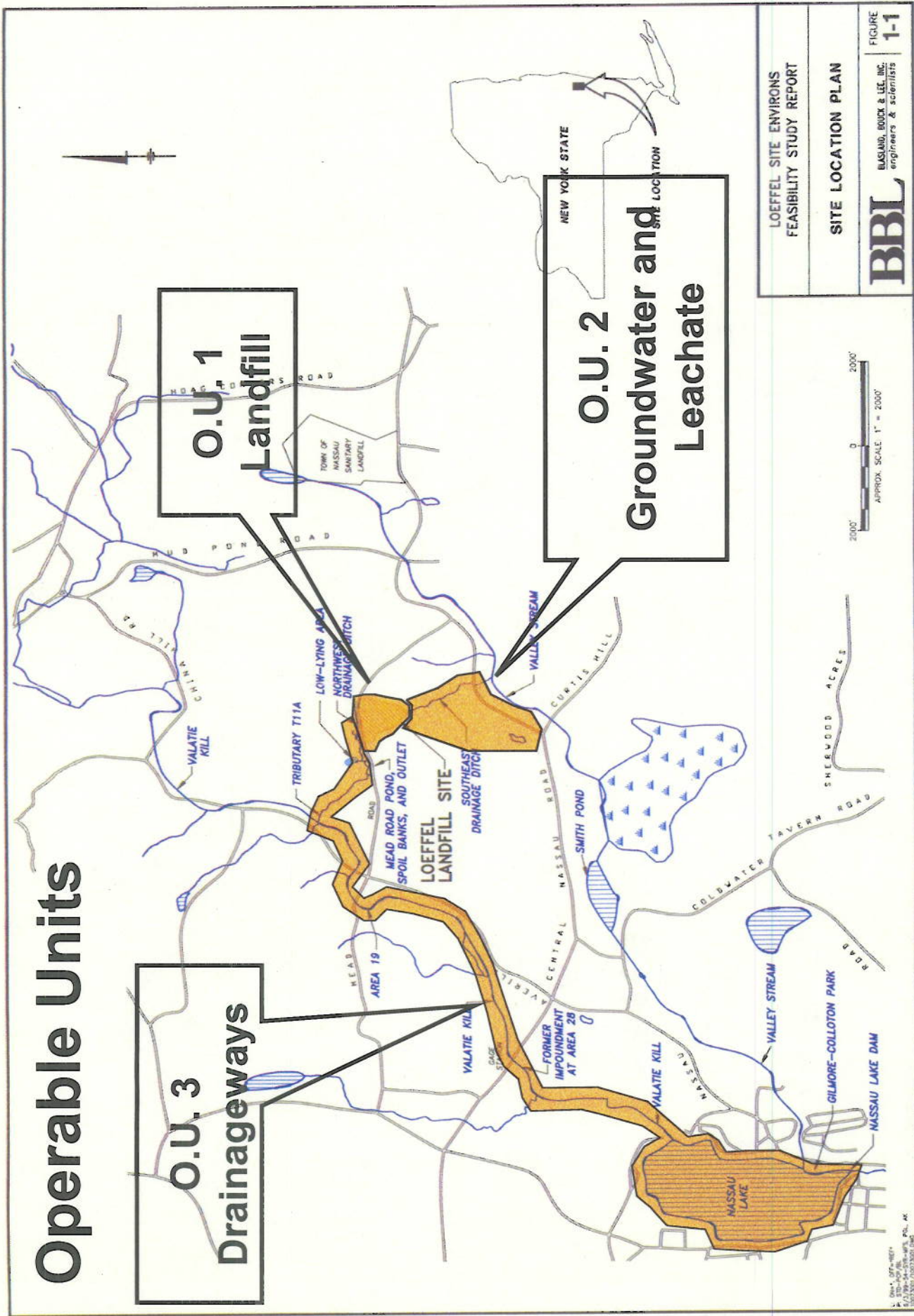
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Operable Units

**O.U. 3
Drainageways**

**O.U. 1
Landfill**

**O.U. 2
Groundwater and
Leachate**



LOEFFEL SITE ENVIRONS
FEASIBILITY STUDY REPORT

SITE LOCATION PLAN

BBL
BLASLAND, BOYCE & LEE, INC.
engineers & scientists

FIGURE
1-1

DATE: 07/19/87
BY: JTB/ML/STW/ML/PL/AC
PROJECT: 73073001.DWG