

SUPERFUND

Nyanza Superfund Site

Sudbury River, MA

Fieldwork planned around Framingham Reservoir No. 2

U.S. EPA | HAZARDOUS WASTE PROGRAM AT EPA NEW ENGLAND



THE SUPERFUND PROGRAM protects human health and the environment by investigating and cleaning up often-abandoned hazardous waste sites and engaging communities throughout the process. Many of these sites are complex and need long-term cleanup actions. Those responsible for contamination are held liable for cleanup costs. EPA strives to return previously contaminated land and groundwater to productive use.

BACKGROUND AND UPCOMING WORK:

The US Environmental Protection Agency (EPA) wants to inform the communities of Ashland and Framingham of upcoming site activities along the Sudbury River. The cleanup plan for the Sudbury River is a combination of the following major components: outreach & education; monitoring and thin-layer sand capping. Thin-layer sand capping is the most complex component of the remedy and will be implemented over an 84-acre portion of Framingham Reservoir No. 2 - downstream of Fountain Street to the Reservoir No. 2 dam.

It is important to EPA to provide the communities of Ashland and Framingham **advance notice** of upcoming field sampling activities in and around the Framingham Reservoir No. 2 which is a part of the Sudbury River and is contaminated with mercury from the former Nyanza Chemical Waste Dump site. This work supplements previous investigations and will be used by EPA and the U.S. Army Corps of Engineers in their completion of construction plans.

WHAT'S AHEAD

(MAY - OCTOBER 2011)

- Installation and sampling of groundwater monitoring wells adjacent to Framingham Reservoir No.2 to determine nearby groundwater levels and groundwater flow direction.
- Collection of additional bathymetric data (measurement of water depths at various places) and water flow velocity (speed) measurements in order to better understand the dimensions of the reservoir and to ensure the stability of capping material.
- Collection of underwater video footage used to document aquatic habitat and to assist with the evaluation of recovery rates of bottom-dwelling organisms.
- Fish and freshwater mussels will be collected from the portion of Reservoir 2 to be capped in order to assess baseline conditions.

Framingham Reservoir No. 2 (specifically along Fountain Street and working from other State-owned property around the reservoir. EPA expects that these field activities will be completed by the fall of 2011.

ADDITIONAL ACTIVITIES:

The additional information from the investigations described above will be incorporated into a Draft (50%) Design anticipated to be completed in spring 2012. The Draft Design will also be shared with local communities, residents and the general public. A meeting will be scheduled to address stakeholder's concern and comment. The schedule for construction of the remedy is contingent upon completion of the Remedial Design and available funding.

ADDITIONAL CONTACT:

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