

SUPERFUND

Beede Waste Oil Superfund Site

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.

SITE DESCRIPTION:

Former operations on the 39-acre Beede Waste Oil site included petroleum and waste oil storage and distribution, and sand and gravel operations. The site cleanup will be conducted in accordance with the Record of Decision (ROD) and is expected to cost \$50 million. The site cleanup involves:

- Excavation and off-site disposal of contaminated shallow soil, the on-site landfill, sediment from Kelley Brook, and soil piles;
- Treatment on-site of contaminated deep soil;
- Groundwater extraction and treatment;
- Land use restrictions; and,
- Long-term monitoring of groundwater, surface water, and sediment.

RELOCATION OF SOIL PILES:

Currently there are 14 piles of soil on the Beede Waste Oil site. These piles were created at a time when the site was operating and accepting shipments of soil that had been contaminated from leaking underground storage tanks and other spills; the degree and type of soil contamination varies.

Two of the soil piles are blocking the construction of an on-site road needed for groundwater cleanup activities and need to be relocated to another part of the site to await future off-site disposal. In an effort to minimize neighborhood disruption, EPA has chosen not to use the Kelly Road entrance to remove the soil piles, but to wait until the temporary access road to Route 121A is completed later this year.

The contaminated soil will be moved in dump trucks to where they will be temporarily stockpiled (see map). A front end loader will be used to shape the piles. Prior to moving the soil, thick plastic sheeting will be placed on the ground surface to segregate the newly stockpiled soil from the existing soil. The stockpile area will be surrounded by hay bales and silt fencing to contain rainwater runoff and prevent erosion. Once the transfer is complete, each stockpile will be covered with thick plastic sheeting.

Each soil pile will be sampled to characterize its type and extent of contamination. The resulting information will be used to determine how the soil is handled, whether it is treated, or how it ultimately will be disposed.

WHAT TO EXPECT:

The Beede Performing Group, under the supervision of EPA and NHDES, will likely start the relocation of the soil piles in late-April 2012. The effort is expected to take up to several months. Work will be done on-site during the week and is likely to happen between 7 a.m. and 7 p.m. Some neighbors may be able to see the dump trucks and front end loaders and others may hear the activity. The largest soil pile is covered with trees which will be cut down in order to move the soil. The tree-lined buffer between the site and abutting neighbors will remain in place. During the process, any odors and dust will be monitored and water will be used to control any issues that are observed. Before leaving the site, the equipment will be decontaminated. EPA will notify the surrounding community before construction of the roads and groundwater treatment building begins and continues to keep local officials apprised of activities through the sharing of technical information during monthly conference calls and quarterly meetings.

KEY CONTACTS:

JIM BROWN

EPA New England
Project Manager
(617) 918-1308
brown.jim@epa.gov

RICHARD PEASE

NH DES
Project Manager
(603) 271-3649
richard.pease@epa.gov

GENERAL INFO:

EPA NEW ENGLAND

5 Post Office Square
Suite 100
Boston, MA 02109-3912
(617) 918-1111
www.epa.gov/region1/

EPA TOLL-FREE CUSTOMER SERVICE

1-888-EPA-7341

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Legend

-  Groundwater Treatment Building (To be Constructed)
-  Relocated Soil Staging Area
-  Existing Soil Pile Locations
-  Site Property Lines



**Soil Pile Relocation
Beede Waste Oil Superfund Site**

