



Project Update FACT SHEET

Harbor at Hastings Site State Superfund Program

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Harbor at Hastings
Site No. 360022
Village of Hastings-on-Hudson, NY

January 2012

Remedy Proposed for State Superfund Site; Public Comment Period and Public Meeting Announced

The public is invited to comment on the remedy proposed by the New York State Department of Environmental Conservation (the Department) for the cleanup of the Harbor at Hastings site ("site") located at One River Street in the Village of Hastings-on-Hudson, Westchester County under New York's State Superfund Program. See the attached map for the site location.

The site is divided into two operable units. An operable unit represents a portion of a remedial program for a site that for technical or administrative reasons can be addressed separately to investigate, eliminate or mitigate a release, threat of release or exposure pathway resulting from the site contamination. Operable Unit 1 (OU1) is the on-site soils area west of the railroad tracks. Operable Unit 2 (OU2) was designated to address off-site impacts, primarily to sediments of the Hudson River. The Department is proposing an amendment to the March 2004 Record of Decision (ROD) for OU1 and a remedy for OU2.

The Proposed ROD Amendment and Remedy

As described in more detail below, the proposed OU1 ROD amendment and OU2 remedy include excavating soil, dredging sediment, and installing a sheet pile wall offshore of the northwest corner of the site, extending into the Hudson River, to address polychlorinated biphenyls (PCB) and metals contamination.

The proposed amendment for OU1 and remedy for OU2 are described in draft cleanup plans called the "Proposed Record of Decision Amendment" and "Proposed Remedial Action Plan"

Public Meeting January 26, 2012 7:00 PM

Alternate Date in the event of severe weather:
January 31, 2012

**James Harmon Community Center
44 Main Street
Village of Hastings-on-Hudson, New York**

NYSDEC invites you to a public meeting to discuss the remedy proposed for this site. You are encouraged to provide comments at the meeting and during the 30-day comment period described in this fact sheet.

(PRAP) developed under New York's State Superfund Program. The document is available for public review at the repositories identified below under "Where to Find Information". The documents also are available on the NYSDEC web site at <http://www.dec.ny.gov/chemical/8681.html>.

How to Comment

NYSDEC is accepting written comments about the proposed remedy for 30 days, from January 11, 2012 through February 10, 2012.

Submit written comments to:

William Ports NYSDEC Project Manager
New York State Department of Environmental Conservation
625 Broadway
518-402-9662 NYSDEC
wfports@gw.dec.state.ny.us

Summary of the Proposed Remedy

The proposed amendment for OU1 and the proposed remedy for OU2 represent the alternatives preferred by NYSDEC and the New York State Department of Health (NYSDOH) to address site contamination. The draft cleanup plans have several goals:

- identify cleanup levels to be achieved;
- summarize other alternatives considered;
- explain why NYSDEC and NYSDOH believe the proposed remedy will protect public health and the environment; and
- provide a detailed description of the proposed remedy.

The proposed amendment and remedy were chosen following a detailed investigation of the site and evaluation of alternatives to address contamination, called a "Remedial Investigation/Feasibility Study".

The proposed amendment and remedy removes and isolates significant PCB and metal contamination in soil and sediment from the environment that has the potential for exposure. The remaining known PCB material is contained by a sheet pile wall that provides the highest degree of environmental protection and reliability, and the greatest opportunity for removal of liquid PCB material that is present beneath the site and offshore sediments. This proposed remedy for OU2 creates the conditions necessary for the restoration of surface water and sediment to the extent practicable when it is integrated with the remedy for OU1. The estimated total cost of the proposed amended OU1 remedy is \$155,000,000 and the estimated cost of the proposed OU2 remedy is \$105,000,000.

The proposed ROD Amendment for OU1 includes the following changes:

- modifying the alignment of the sheet pile wall offshore of the northwest corner of the site to extend into the Hudson River, in conjunction with the proposed OU2 remedy, to provide containment and enable the recovery of liquid PCB;
- allowing installation of either a sheet pile wall or sloped shoreline cover system in areas that do not require containment of liquid PCBs;
- containing the remaining on-site contamination in the Northwest Area using a shoreline

barrier in conjunction with a groundwater control and treatment system; a soil cover system; and monitoring to address groundwater and storm water management;

- eliminating the slurry wall from the Northwest Corner containment area;
- constructing and operating a recovery system for liquid PCB in the northwest corner;
- excavating and sampling outfalls and associated pipe bedding from Building 52; and
- integrating sediment remediation with the OU1 soils remedy for the site.

The PRAP for OU2 includes the following:

- construction of a sheet pile wall offshore of the northwest corner of the site extending into the Hudson River with backfill to create approximately 0.88 acres of new land;
- installing recovery wells to remove liquid PCB material from beneath the newly-created land;
- dredging sediments which contain greater than 1 ppm PCB and metals exceeding background to a depth of 6 feet in near shore areas (within 60 to 80 feet of the shoreline), including the former marina adjacent to the site;
- dredging sediments in targeted deepwater areas at a higher threshold of 50 ppm PCBs, to a depth of 6 feet;
- backfilling or capping dredged areas, depending on the level of contamination remaining;
- developing and implementing a mitigation plan for habitat impacts associated with the installation of the bulkhead wall and placement of fill into the river.

Interim Remedial Measures Investigation and Evaluation

Interim remedial measures (IRMs) were performed to remove PCB contaminated sludges from Building 14, remove PCB contaminated free product from the water tower area, install cover over an area with contaminated surface soils, replace the bulkhead along the southern portion of the site shoreline, and recover liquid PCB in the northwest corner of OU1.

During recent investigations conducted at the site, an “interim remedial measure” (IRM) was performed to begin collecting liquid PCB from wells next to the Hudson River. Initial work investigated the extent of liquid PCB present beneath the Northwest Corner using both vertical wells and wells angled towards the river. Additional recovery wells were installed, leading to the recovery of approximately 400 gallons since 2007 and a better understanding of the subsurface conditions beneath the site and the river.

Next Steps

State Superfund Program: New York's State Superfund Program (SSF) identifies and characterizes suspected inactive hazardous waste disposal sites. Sites that pose a significant threat to public health and the environment go through a process of investigation, evaluation, cleanup and monitoring.

NYSDEC generally attempts to identify parties responsible for site contamination and require cleanup before committing State funds.

For more information about the SSF, visit:
www.dec.ny.gov/chemical/8439.html

NYSDEC will consider public comments as it finalizes the OU1 amendment and OU2 remedy for the site. The selected remedy for each OU will be described in separate documents called a “Record of Decision” that will explain why the remedy was selected and respond to public comments. These documents will be made available to the public (see “Where to Find Information” below).

Background

The site is listed as a Class “2” site in the State Registry of Inactive Hazardous Waste Sites (list of State Superfund sites). A Class 2 site represents a significant threat to public health or the environment; action is required.

The site is located on 28 acres along the Hastings-on-Hudson waterfront, separated from the village commercial district by railroad tracks. The landmass was constructed in the early 1900s by placement of fill material into the Hudson River. Wire manufacturing operations caused the release of PCBs and metals to site soil, groundwater and sediments. A site investigation was performed on the site in 1986/87 in connection with a potential real estate development. A Consent Order for a Remedial Investigation/Feasibility Study (RI/FS) of OU1 was signed with ARCO in 1995. NYSDEC performed the original RI/FS for OU2 under the State Superfund; however, the recent studies to supplement the OU2 RI/FS were performed by ARCO.

The site consists of fill material which is in close contact with groundwater and surface water. Groundwater is approximately 2 to 8 feet below ground surface and is influenced by tidal variation. The shoreline shows signs of historical erosion due to storm events and wave action. Parts of the site have been flooded during larger storms.

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following location(s) to help the public stay informed. These documents include the investigation report.

Hastings-on-Hudson Public Library
7 Maple Avenue
Hastings-on-Hudson, NY 10706
(914) 478-3307
Mon-Thu: 9:30 AM to 8:30 PM
Fri and Sat: 9:30 AM to 2:00 PM

Village Clerk
Hastings Municipal Offices
7 Maple Avenue
Hastings-on-Hudson, NY 10706
Mon-Thur: 8:30 AM - 5:00 PM
Fri: 8:30 AM – 12:00 PM

NYSDEC Region 3
Attn: Michael Knipfing
21 South Putt Corners Rd.
New Paltz, NY 12561
(845) 256-3154
M-F 9:00AM - 4:30PM

Who to Contact

Comments and questions are always welcome and should be directed as follows:

Project Related Questions

William Ports NYSDEC Project Manager
New York State Department of
Environmental Conservation
625 Broadway
518-402-9662
wfports@gw.dec.state.ny.us

Site-Related Health Questions

Nate Walz
New York State Department of Health
Flanigan Square
547 River Street
Troy, New York 13820
(518) 402-7880

We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

Receive Site Fact Sheets by Email

Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page:
[Hwww.dec.ny.gov/chemical/61092.html](http://www.dec.ny.gov/chemical/61092.html) . It's *quick*, it's *free*, and it will help keep you *better informed*.



As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.

You may continue also to receive paper copies of site information for a time after you sign up with a county listserv, until the transition to electronic distribution is complete.

Note: Please disregard if you already have signed up and received this fact sheet electronically.

