



FACT SHEET

State Superfund Program

Receive Site Fact Sheets by *Email*. See "For More Information" to Learn How.

Site Name: Mill Neck Marina
DEC Site #: 130166
Address: Hernan Avenue
Oyster Bay, NY 11560

Have questions?
See
"Who to Contact"
Below

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

Public Meeting, Monday, 3/3/2014 at 7:00 PM

Locust Valley Library, 170 Buckram Road, Locust Valley, NY 11560

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

The public is invited to comment on a remedy proposed by the New York State Department of Environmental Conservation (NYSDEC) related to the Mill Neck Marina site ("site") located at Hernan Avenue, Oyster Bay, Nassau County. Please see the map for the site location.

Documents related to the cleanup of this site can be found at the location(s) identified below under "Where to Find Information."

How to Comment

NYSDEC is accepting written comments about the proposed plan for 30 days, from **February 21, 2014** through **March 24, 2014**. The proposed plan is available for review at the location(s) identified below under "Where to Find Information." Please submit comments to the NYSDEC project manager listed under Project Related Questions in the "Who to Contact" area below.

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.

Proposed Remedial Action Plan

The remedy proposed for the site includes:

The remedial objective for this site is to achieve residential use soil cleanup standards. This can be accomplished with removal of all surface and subsurface soil which exceeds the residential use soil cleanup objective (SCO).

This conforms with current zoning and future anticipated use of the site as single-family residential housing.

The proposed remedy is for excavation of all areas exceeding residential use SCO and restoration of same with clean fill. Approximately 60-70% of the site surface will require excavation to achieve cleanup objectives.

Summary of the Investigation

The primary contaminants of concern are metals: mercury, arsenic, lead, cadmium and copper deposited in the soils and near shore sediments, from boat servicing and launching operations. Metals were detected at some level in virtually every soil sample collected, but always at levels below commercial cleanup objectives. In various locations shallow surface and subsurface soils and sediment samples were found to contain elevated levels of copper, mercury, arsenic, cadmium and lead. No clear pattern of contamination is evident as contamination is widespread and different metals exceeded residential SCO at different locations.

Some semi-volatile organic compounds (SVOC) were also found at many locations throughout the site, but residential use SCOs were only marginally exceeded at three subsurface locations. Pesticides were widely detected, slightly exceeding unrestricted use SCOs at three locations. Polychlorinated Biphenyls (PCB) were detected at three locations, all below unrestricted use SCO. Pesticides and PCB are not considered site-related contaminants.

Groundwater was not adversely impacted by historic operations.

The Division of Fish, Wildlife and Marine Resources has evaluated the sediment data and does not recommend removal of the sediments. It determined that excavation of sediments would detrimentally impact the coastal ecosystem more than leaving them in place.

NYSDEC developed the proposed remedy after reviewing the detailed investigation of the site and evaluating the remedial options in the "feasibility study" submitted under New York's State Superfund Program.

Next Steps

NYSDEC will consider public comments as it finalizes the remedy for the site. The selected remedy will be described in a document called a "Record of Decision" that will explain why the remedy was selected and respond to public comments. A detailed design of the selected remedy will then be prepared, and the cleanup will be performed.

NYSDEC will keep the public informed throughout the investigation and cleanup of the site.

Background

Location: The Mill Neck Marina site is suburban area of the Town of Oyster Bay on the north shore of Long Island. The former marina is southwest of Oak Neck Creek at the foot of Hernan Avenue.

Site Features: The site, now vacant, was cleared of structures in 2001-02. The majority of the site is densely overgrown with tall perennial grass, phragmites, and small trees. The site is bounded by Oak Neck Creek to the northeast and east, private residences to the west, Meadow Street to the north, and Hernan Avenue to the south. The site lies at the foot of the Mill Neck Preserve - a shallow tidal area where Oak Neck Creek begins.

The 1.4 acre site has been subdivided into nine separate tax parcels. A right-of-way for a future extension of Meadow Street bisects the site from north to south.

Current Zoning: The site is zoned R1- residential, which allows for single-family houses. The surrounding area is densely developed single-family residential.

Historic Use(s): The site was a marina from approximately 1953 until its abandonment in 2001. The marina reportedly contained boat storage, maintenance, and painting areas, gasoline storage, and dispensing facilities resulting in on site soil and off-site sediments being contaminated with heavy metals, including mercury, lead, arsenic and copper

Site Geology and Hydrogeology: Onsite soils consist of glacial till in the form of poorly sorted clay, silt, sand and gravel with high organic content in the top foot. The depth to groundwater is approximately one to three feet. The groundwater flows in a northeasterly direction toward the adjacent tidal creek.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's website at:

<http://www.dec.ny.gov/cfm/externalapps/derexternal/haz/details.cfm?pageid=3&progno=130166>

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/or the environment go through a process of investigation, evaluation, cleanup and monitoring.

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

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

FOR MORE INFORMATION

Where to Find Information

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

Oyster Bay – East Norwich Public Library	OR	Locust Valley Library
89 East Main Street		170 Buckram Road
Oyster Bay, NY 11771		Locust Valley, NY 11560
phone: 516-922-1212		516-671-1837

Project documents are also available on the NYSDEC website at:

<http://www.dec.ny.gov/chemical/8431.html>

Who to Contact

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

Project Related Questions

Bob Corcoran
Environmental Engineer 2
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7015
518-402-9658
rkcorcor@gw.dec.state.ny.us

Site-Related Health Questions

Steve Karpinski
Public Health Specialist II
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza, Corning Tower, Room 1787
Albany, NY 12237
Phone: (518)-402-7860
beei@health.state.ny.us

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.

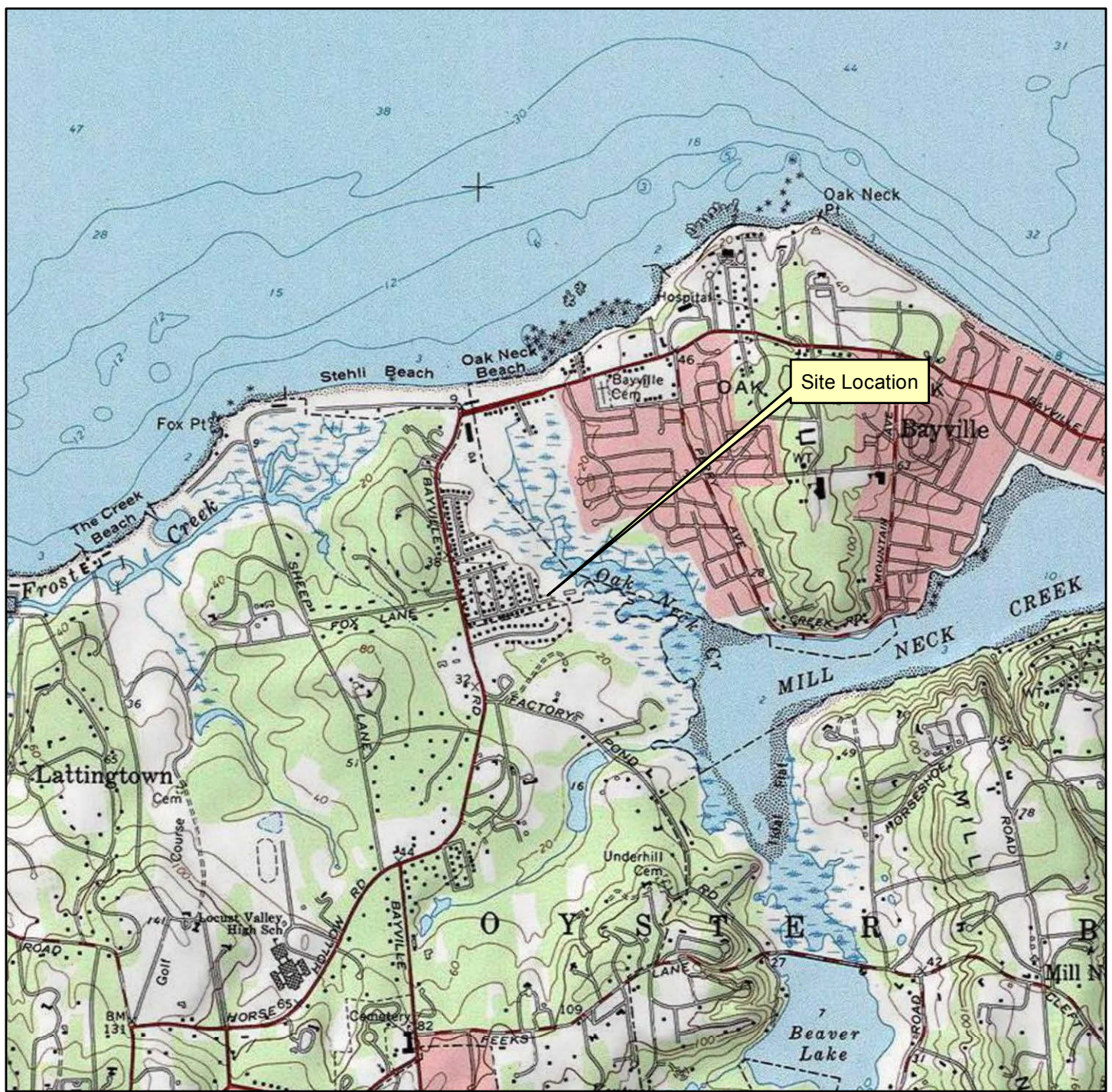
Receive Site Fact Sheets by Email

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:
<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.

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



USGS Quadrangle data Copyright:
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 USGS Quad ID: 40073-H5
 Quad Name: Bayville, New York
 Revision Date: 1967
 Publish Date: 1968
 Photorevised: 1975

0 1,000 2,000 4,000 6,000 8,000 Feet

1 inch = 2,000 feet

Figure 1
Site Location
Former Mill Neck Marina Site
Hernan Avenue
Locust Valley (Oyster Bay), New York
HRP # NEW9626P2
Scale 1"=2,000'

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