



# FACT SHEET

## Upcoming Cleanup Activities

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**Site Name:** Former Jericho Marine  
**DEC Site #:** 152205 Operable Unit 01  
**Address:** 269 E. Montauk Highway  
Lindenhurst, NY 11757

Have questions?  
See  
"Who to Contact"  
Below

### Cleanup Action to Begin at the Jericho Marine Site

Action is about to begin that will address the contamination related to the Former Jericho Marine site ("site") located at 269 E. Montauk Highway, Lindenhurst, Suffolk County under New York State's Bureau of Spill Prevention and Response. Please see Figure 1 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."

### Highlights of the Upcoming Cleanup Activities

The goal of the cleanup action for the site is to achieve cleanup levels that protect public health and the environment. The cleanup action for the site includes:

The proposed remedial activities for this site will address the secondary source of (petroleum) impacted soils and to address contaminated groundwater beneath the site. The primary source area, that was located in the southwestern sector of the site, was remediated as part of an interim remedial measure in 2008. A total of 241 tons of contaminated soil was excavated and disposed of off-site.

As documented in the Remedial Investigation report, soil sampling results identified locations within the area of the former site building and north of the former building that are contaminated with Volatile Organic Compounds (VOCs) associated with a severely weathered gasoline. This secondary source has been attributed to a former dispenser location (see Figure 2). Impact from the secondary source, above restricted commercial soil clean-up objectives (SCOs), exist and are defined by an estimated 1,200 square foot area which extends from the suspect dispenser pad south towards the property boundary (Figure 2). The vertical extent of soil contamination is defined by a contaminated soil zone observed from 10 to 16 feet below grade surface.

The Proposed remedial activities associated with this secondary source consist of the following elements:

1. Excavation of the upper 16 feet of soil within the secondary source area exceeding restricted commercial SCOs including locations north of and within the former site building footprint.
2. Stockpiling and the re-use of overburden soils as on-site backfill.
3. Screening for indication of contamination (by visual means, odor, and monitoring with a Photo-ionization Detector (PID) of all excavated soil during all intrusive site work.
4. Collection and analysis of confirmation soil samples to evaluate the performance of the remedy with respect to attainment of Restricted Commercial SCOs.
5. If post-excavation soil sampling demonstrates that SCOs have not been achieved, additional excavation and/or oxidant application may be performed.
6. Application of a dry chemical oxidant to the open excavation to address residual petroleum contamination of soil and groundwater.
7. Site monitoring of airborne VOCs and particulates in accordance with an approved Community Air Monitoring Plan (CAMP) and Health and Safety Plan (HASP) during all intrusive activities.
8. Implementation of proper dust and odor suppression techniques during all intrusive and soil handling activities. Appropriate off-site disposal of all material removed from the Site in accordance with all Federal, State and local rules and regulations for handling, transport, and disposal.
9. Import of clean materials to be used for backfill and site cover.
10. The injection of a chemical oxidant solution to remediate the contaminated groundwater beneath the site. The chemical oxidant solution may be injected via temporary injection locations. A plan for chemical oxidant solution injection(s) will be prepared pending assessment of groundwater quality conditions post excavation activities.
11. Post-remediation groundwater monitoring will be conducted on a quarterly basis.

#### **Next Steps**

After the New York State Department of Environmental Conservation (NYSDEC) completes the cleanup activities, a Remedial Action Report will be prepared. The Report will describe the cleanup activities completed and certify that cleanup requirements have been achieved or will be achieved.

When NYSDEC is satisfied that cleanup requirements have been achieved or will be achieved for the site, the Remedial Action Report will be finalized and at that time the NYSDEC will then close the spill file.

**Site Location:** The site is located at 269 East Montauk Highway between Deauville Parkway and Venetian Boulevard in Lindenhurst, Town of Babylon, Suffolk County.

**Site Features:** This site is approximately 0.5 acres in size and is situated in a suburban area approximately one mile north of the Great South Bay, 1/4 mile west of Santapogue Creek and a 1/4 mile east of Nuguntatoque Creek. The surrounding properties to the north and west are predominately classified as commercial. A residential condominium complex exists immediately across Montauk Highway from the site. To the south and east are single family residential homes. The main site feature was a derelict 1900 square foot one story masonry building, which was originally utilized as a service station. The building was razed by the Town of Babylon in April 2014. The remainder of the site consists of an asphalt parking lot with areas of grass cover.

**Historic Use(s) and Source(s) of Contamination:** The site was first developed in 1962 and operated as a Shell gasoline station/automobile repair shop until 1974. At that time, the property was renovated and operated as a convenience store until 1979 when the property was sold to Suffolk Marine Center. Suffolk Marine Center operated a new and used boat retail business known as Jericho Marine. The property was abandoned at some time in 1995 and since then has been inactive with the exception of the real estate business being operating out of a field office trailer. Past site activities have impacted site soils and groundwater with predominately petroleum related compounds.

**Site Geology/Hydrogeology:** Soils at the site are classified as Urban Land (Ug) soils, which contain a mix of sand, silt and fill material. Groundwater is present at between 8 and 12 feet below grade and generally flows in a southerly direction.

**Additional Site Information:** The site was accepted into the Brown Cleanup Program (BCP) in 2007. While in the Brownfield Cleanup Program, the applicant conducted a Remedial Investigation to determine the extent of contaminated media at the site. The results of the RI are presented in the RI report. A copy of the report is available for review in the project's repository. Following the completion of the RI phase of the project, the applicant had elected to withdraw from the program and terminate the BCA. The NYSDEC received the termination letter from the applicant on August 28, 2013. The BCA was terminated on August 29, 2013. The project was transferred to the NYSDEC's Bureau of Spill Prevention and Response to address the contaminated media identified at the site.

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=152205>

## FOR MORE INFORMATION

### Where to Find Information

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

Lindenhurst Memorial Library  
Attn: Reference Desk  
1 Lee Ave  
Lindenhurst, NY 11757  
phone: 631-957-7755 extension 118

### Who to Contact

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

#### Project Related Questions

John Sheehan  
Department of Environmental Conservation  
Division of Environmental Remediation  
SUNY at Stony Brook 50 Circle Road  
Stony Brook, NY 11790-3409  
631-444-0240  
jcsheeha@gw.dec.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.**

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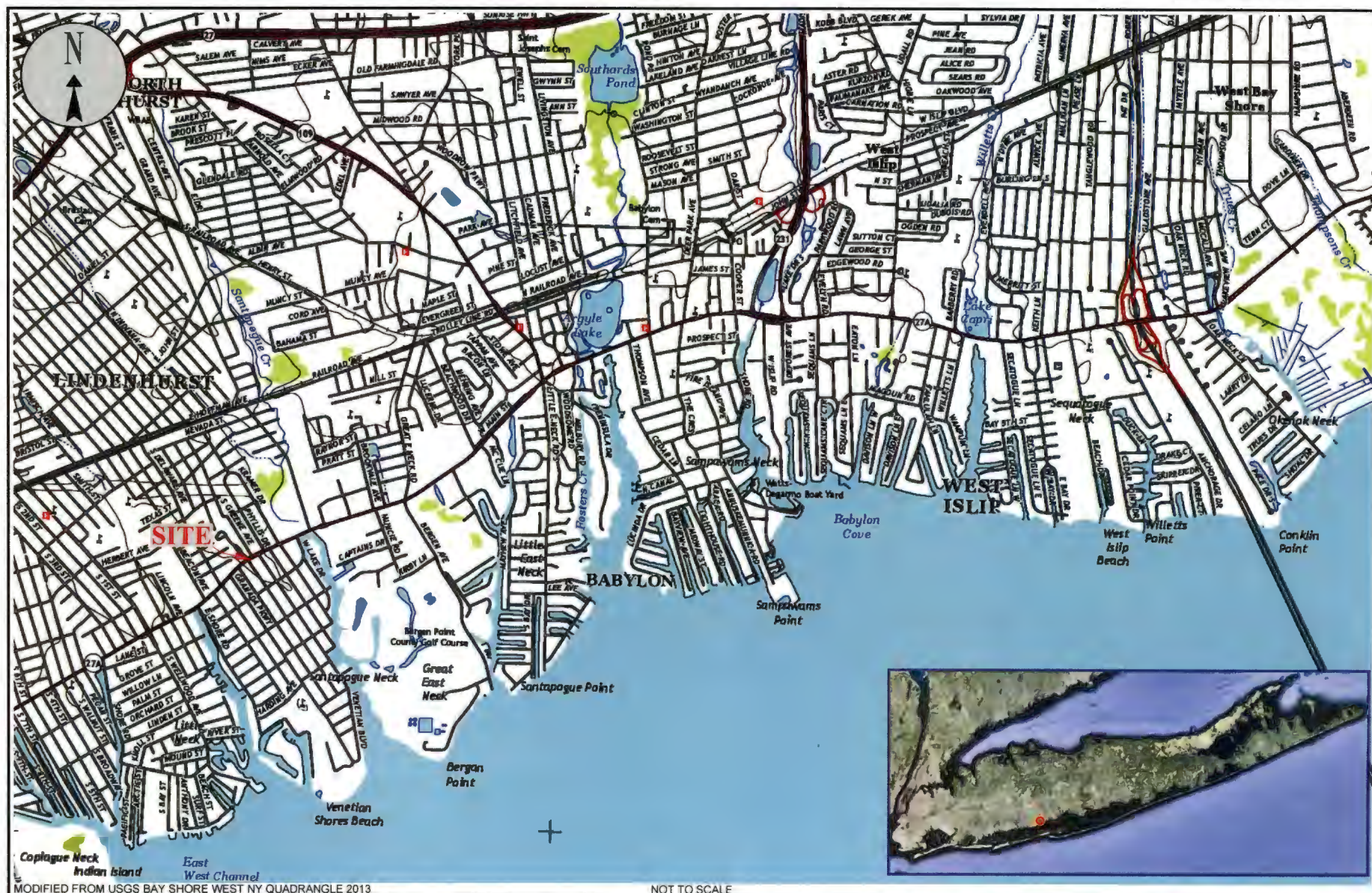
Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page:  
<http://www.dec.ny.gov/chemical/61092.html>. It's quick, it's free, and it will help keep you *better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

FIGURE 1



## SITE LOCATION MAP

FIGURE 2



ENVIRONMENTAL  
ASSESSMENT &  
REMEDIATIONS

# Site Map

Former Jericho Marine  
269 East Montauk Highway  
Lindenhurst, NY  
NYSDEC Spill #98-25156