

(Fact Sheet Begins Next)

## Act Now to Continue Receiving Information About This Site!

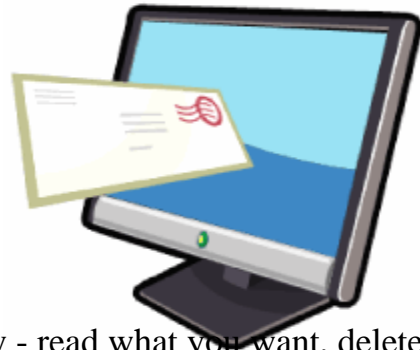
DEC's Division of Environmental Remediation (DER) now distributes information about contaminated sites *electronically by email*.

If you would like to continue to receive information about the contaminated site featured in this fact sheet:

**You must sign up for the DER email listserv:**

[www.dec.ny.gov/chemical/61092.html](http://www.dec.ny.gov/chemical/61092.html)

DER cannot register your email address - only the email address owner can do so. If you already have signed up for the listserv for the county in which the site is located, you need do nothing.



### **Why You Should Go “Paperless”:**

Get site information faster and share it easily;

Receive information about all sites in a chosen county - read what you want, delete the rest;

It helps the environment and stretches your tax dollars.

**If “paperless” is not an option for you, call or write to the DER project manager identified in this fact sheet. Indicate that you need to receive paper copies of fact sheets through the Postal Service. Include the site name in your correspondence. The option to receive paper is available to individuals only. Groups, organizations, businesses, and government entities are assumed to have email access.**

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FACT SHEET State Superfund Program

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

Topic of Fact Sheet: Update on U.S. Navy and Northrop Grumman Sites and to Announce Public Meeting/Public Availability Session

Have questions? See "Who to Contact" Below

Update on Detailed Engineering Analysis Public Meeting Announced

Public Meeting, Monday, 10/30/2017 at 7:00 PM Farmingdale State College, Roosevelt Hall Little Theater Two Separate Public Availability Sessions: 1) Monday 10/30/17 at 3:00 PM at Farmingdale State College Roosevelt Hall Little Theater 2) Tuesday 10/31/17 at 10:00 AM at Bethpage Public Library, 47 Powell Avenue, Bethpage NYSDEC invites you to a public meeting/availability sessions to discuss the ongoing investigations and invite your questions.

The New York State Department of Environmental Conservation (NYSDEC) is undertaking an investigation and engineering analysis to further evaluate options for managing the groundwater plume associated with the Naval Weapons Industrial Reserve Plant site and Northrop Grumman Bethpage Facility site located in the Town of Oyster Bay, Nassau County. This NYSDEC program supplements environmental studies and cleanup activities that are currently underway and that have already been completed by the United States Navy (Navy) and the Northrop Grumman Corporation at these sites. Please see the map for the site locations and for documents related to the cleanup of these sites please visit locations identified in the "Where to Find Information" section of this factsheet.

The Naval Weapons Industrial Reserve Plant and the Northrop Grumman Bethpage Facility sites are both listed as a Class "2" sites 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.

Highlights of the Detailed Engineering Analysis

Purpose: The NYSDEC has specifically designed the Detailed Engineering Analysis to fully understand the different aspects of intercepting and remediating the Navy and Northrop Grumman groundwater plume. This analysis is part of, and will conclude with, a Feasibility Study. The plume is deep beneath the ground surface, reaching depths of 800 feet; extends nearly four miles to the south of the sites; and may require pumping, treatment, and management of large volumes of water.

Key Analysis Components: This evaluation will specifically provide information on how different options will capture the plume, influence water levels and overall yield of the aquifer, possibly influence the movement of a freshwater-saltwater boundary, treat contaminated groundwater, and manage the treated water (e.g. discharge to recharge basins, surface water streams, etc.)

Partnership with the United States Geological Survey (USGS): As part of this analysis, the NYSDEC is partnering with the USGS. The USGS has developed a complex model capable of simulating groundwater flow beneath Long Island. This model will allow the analysis team to evaluate how various groundwater extraction and discharge scenarios would affect plume movement and the Key Analysis Components described above.

## Topics for Discussion at October 2017 Public Meeting

As part of this analysis, the NYSDEC has included several opportunities for the community to learn more about the program and to provide comments. The first of these will be on October 30 and 31, 2017. We also expect to hold a public outreach event in late 2017/early 2018 and then again in mid-2018. To learn more about the following topics, please consider attending the October 30 and 31, 2018 availability sessions and/or public meeting:

- 1) Long Island Aquifer System
- 2) Site Locations, Site Contaminants, and Plume Location
- 3) Site History and Cleanup Actions Currently Underway
- 4) Update on NYSDEC Engineering Analysis Investigation Efforts
- 5) Update on Scenarios Being Evaluated During Engineering Analysis
- 6) Update on Preliminary USGS Groundwater Flow Modeling
- 7) 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/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.

Bethpage Public Library  
47 Powell Avenue  
Bethpage, NY 11714  
Tel: 516-931-3907

Project information and documents are also available on the NYSDEC website at:  
<http://www.dec.ny.gov/chemical/108791.html>

### Who to Contact

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

#### Project Related Questions

Jason Pelton  
Department of Environmental Conservation  
Division of Environmental Remediation  
625 Broadway  
Albany, NY 12233-7013  
Tel: 518-402-9676  
Email: [jason.pelton@dec.ny.gov](mailto:jason.pelton@dec.ny.gov)

#### Site-Related Health Questions

Steve Karpinski  
New York State Department of Health  
Empire State Plaza Corning Tower Room 1787  
Albany, NY 12237  
Tel: 518-402-7860  
Email: [BEEI@health.ny.gov](mailto:BEEI@health.ny.gov)

**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.

