



New York State Department of Environmental Conservation

**FACT SHEET**

**Manufactured Gas Plant  
Program**

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O&R Nyack Former Manufactured Gas Plant Site  
Site #3-44-046  
Village of Nyack, NY  
November 2013

**Project Update and Public Information Meeting Announcement**

**Cleanup Action to Begin at the  
former Nyack MGP Site**

Orange and Rockland Utilities, Inc. (O&R), together with the New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH), is providing this update on the project activities for the former Nyack MGP located at 55 Gedney St., Nyack, NY.

This Fact Sheet is announcing the start of remediation in December 2013. Remediation is expected to last 6-8 months.

**Highlights of Upcoming Activities**

The approved remedy includes excavation of shallow soils along the shore line of the Hudson River, down to the mean high tide line. These soils will be excavated and transported to a permitted, off-site treatment/disposal facility. Deeper soils in the on-shore areas will be treated using in-situ solidification (ISS). The ISS will create a low permeability cement monolith which will effectively isolate the MGP contamination from human contact and the environment, eliminating potential exposure pathways. The ISS will be similar to the work that was performed previously on the lower terrace of the site. Sediment in the river which contains visible MGP tar or which contains MGP-related contamination resulting in an impact to the environment, will be removed by dredging and transported to a permitted, off-site treatment and disposal facility. The

Public Information Meeting  
November 18, 2013  
7:00 pm  
Nyack Center  
58 Depew Avenue  
Nyack, NY 10960

O&R and NYSDEC invite you to a public information meeting to discuss the cleanup activities that will be conducted at this site.

SNOW DATE: November 25, 2013

dredging will be conducted in a controlled manner behind barriers to protect river water quality. The river water quality near the work area will be monitored continuously during dredging. The limits of the excavation, ISS and dredging are shown on the attached figure. Following completion of the remedial action, the stream bed and banks will be restored.

Sediment handling activities will take place under a large tent-like structure with an air handling system and carbon filters. This temporary structure will control vapors and dust generated by the sediment management activities and will be similar to the temporary structures that were used at the site during previous phases of remediation. Real-time air monitoring will be conducted 24-hours a day, seven days per week throughout the project. The structure and air monitoring will ensure that local residents are not exposed to dust and vapors above NYSDOH established guidelines. These precautions will also minimize the potential for odors from the site activities.

Excavated soil and ISS spoils will be loaded into trucks that will transport the material to licensed disposal sites. Truck tires will be washed before leaving the site and the truck beds will be lined and covered. Truck traffic will be routed up Main St. and on to the NYS Thruway.

Work will be conducted Monday – Friday between 7 AM and 5PM. Noise levels will be comparable to an ordinary construction project.

## **Information Meeting**

NYSDEC, NYSDOH and O&R will be holding a public information meeting at 7:00 PM on November 18, 2013 at the Nyack Center, 58 Depew Avenue, Nyack, NY to discuss the details of the remedial activities and to answer questions that you may have about the project. In the event of snow, the meeting will be held at the Nyack Center on November 25, 2013.

## **Background**

More than 1500 manufactured gas plants operated throughout the U.S. from the mid-1800s through the mid-1900s to provide gas for lighting and heating. The plants used a variety of processes to make gas by heating coal and/or oil. The by-product from this process was known as coal tar. Very often, these coal tars were left behind in subsurface structures and soils when the plants were closed. O&R and the NYSDEC signed an agreement in 1996 in which the utility undertook an examination of its seven former manufactured gas plant sites in Orange and Rockland counties to determine whether any coal tar or other residue from the obsolete gas manufacturing process remains on the sites. Historical records indicate that the former Nyack Manufactured Gas Plant operated from 1852 until 1965. It is believed that gas was made from coal and oil from 1852 until 1889. From 1890 until 1938, the plant used both coal and oil as feedstock for the carbureted water gas process. From 1938 until 1965, the site was used as an oil gas facility, but only during times of peak demand, a practice known as peak shaving.

**Operable Units:** The site has been divided into 2 operable units. An operable unit represents a portion of the site that for technical or administrative reasons can be addressed separately to eliminate or mitigate a release, threat of release or exposure pathway resulting from the site contamination.

Remediation of Operable Unit 1 (OU1), the portion of the site above the 100 year flood line, is complete. A large scale excavation was completed in the western portion of OU1 during 2006. Contaminated soils in two other areas to the south and east were treated with an in-situ solidification process in 2006 and 2007. The OU1 area was then covered with clean topsoil and restored to a park-like setting.

Operable Unit 2 (OU2), which is the subject of this remedial action, consists of the remaining land (below the 100 year flood line and above the mean high tide line) and the Hudson River sediment which has been impacted by site-related contamination.

Details of the remedial investigations performed at the site were presented in various reports prepared by O&R. Copies of these investigation reports and the remedial design report can be found at the document repositories listed below.

## **FOR MORE INFORMATION**

### **Where to Find Information**

Project documents are available at the following locations to help the public to stay informed. These documents include the Remedial Design Report, the Record of Decision and the Remedial Investigation and Feasibility Study reports.

Nyack Public Library  
59 South Broadway  
Nyack, NY 10960  
845-358-3370

Hours :

11:00 AM – 9:00 PM (Mon)  
10:00 AM – 9:00 PM (Tu - Th)  
10:00 AM – 6:00 PM (F)  
10:00 AM – 5:00 PM (Sat)  
12:00 PM – 5:00 PM (Sun)

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

### **Who to Contact**

Comments and questions are always welcome and should be directed to the following people:

#### Project Related Questions

Elizabeth Lukowski  
NYSDEC  
Division of Environmental Remediation  
625 Broadway, 11<sup>th</sup> Floor  
Albany, NY 12233-7014  
Phone: (518) 402-9662  
email: eblukows@gw.dec.state.ny.us

#### Site-Related Health Questions

Mr. Anthony Perretta  
New York State Department of Health  
Bureau of Environmental Exposure Investigation  
Empire State Plaza - Corning Tower Rm 1787  
Albany, NY 12237  
Phone: (518) 402-7860

To direct questions to Orange and Rockland Utilities, Inc., please contact:

Mr. Jeff Peifer  
Project Manager  
Orange & Rockland Utilities, Inc.  
75 W. Rt. 59  
Spring Valley, NY 10977  
(845)577- 3332  
e-mail: peiferj@oru.com

Ms. Kate Wysokowski  
Public Affairs Manager  
Orange and Rockland Utilities, Inc.  
One Blue Hill Plaza  
Pearl River, NY 10965  
845-577-2539  
e-mail: wysokowskik@oru.com

**If you know someone who would like to be added to the site contact list, have them contact the NYSDEC project manager listed above. 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: [www.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*.

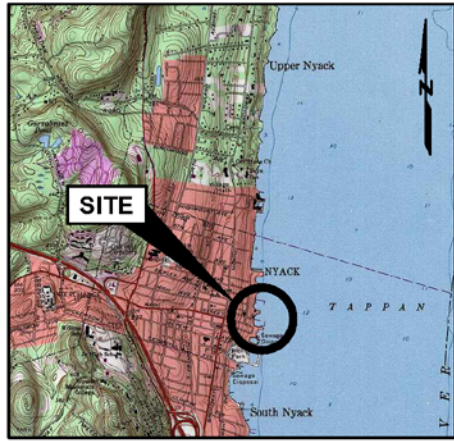
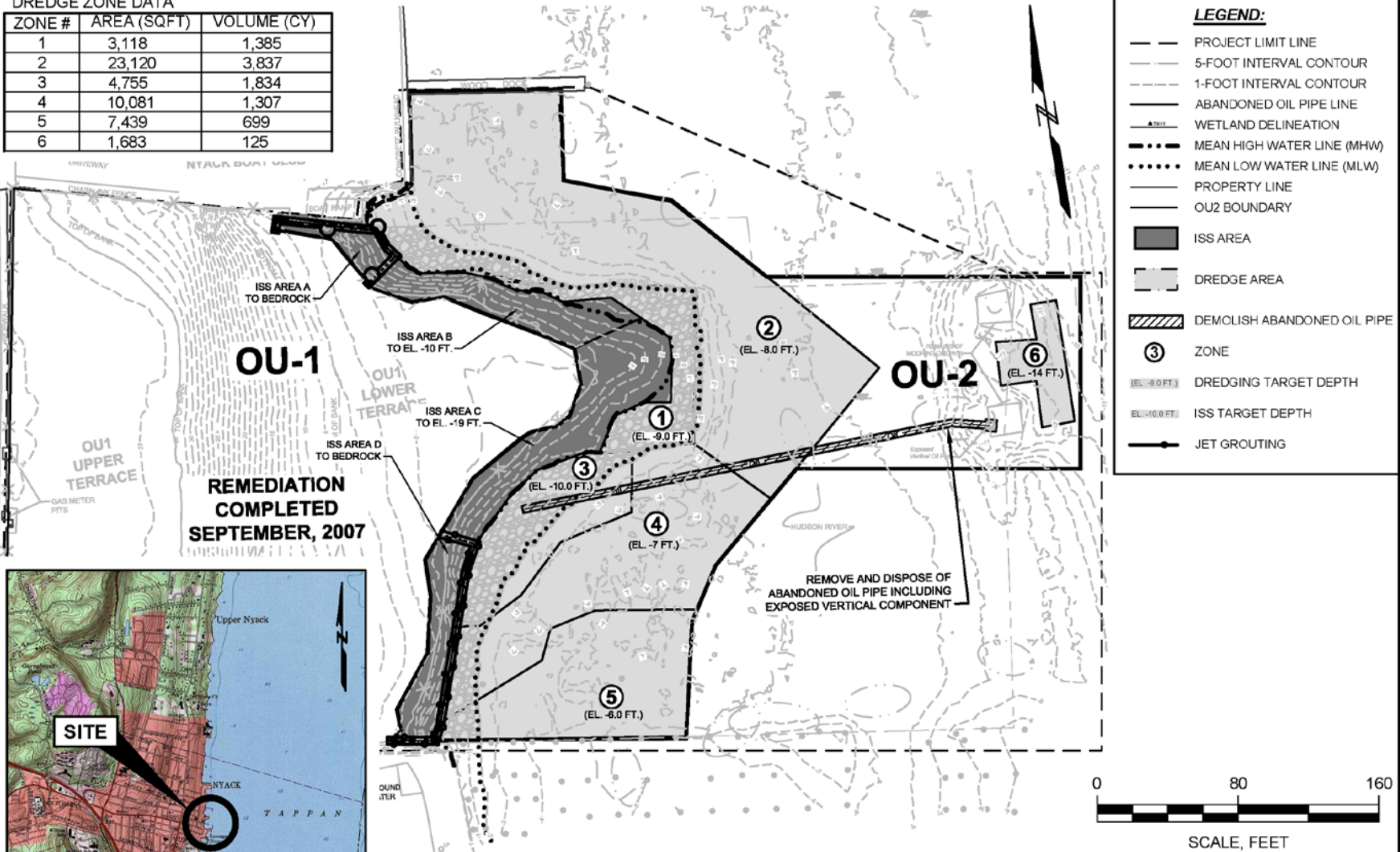
As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.

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.

**DREDGE ZONE DATA**

ZONE #	AREA (SQFT)	VOLUME (CY)
1	3,118	1,385
2	23,120	3,837
3	4,755	1,834
4	10,081	1,307
5	7,439	699
6	1,683	125



		<b>REMEDIAL ACTION OVERVIEW</b>
	Project 1324850-1001	October 2013