

FACT SHEET

Voluntary Cleanup Program

NM - Ogdensburg MGP

V00479-6

Ogdensburg, NY

August 2010

Remedy Proposed for Voluntary Cleanup Program Site Contamination; Public Comment Period and Public Meeting Announced

The public is invited to comment on a proposed remedy being reviewed by the New York State Department of Environmental Conservation (NYSDEC) to address contamination related to Ogdensburg former King St.

Manufactured Gas Plant (MGP) site located at 10 King St. in Ogdensburg, St. Lawrence County. See map for site location.

The Proposed Remedy

The remedy proposed for the site includes excavating soils at the site and adjoining areas that contain significant levels of contamination and covering the site with at least 2 feet of clean soil. The proposed remedy also includes enhanced natural attenuation to treat contaminated groundwater. An institutional control will be placed on the site to restrict land and groundwater use. A site management plan will be developed to monitor and maintain these institutional and engineering controls. National Grid developed the proposed remedy after performing a detailed investigation of the site under New York's Voluntary Cleanup Program.

Public Meeting
August 17, 2010
7:00 PM

City Hall Council Chambers
330 Ford St.
Ogdensburg, New York 13669

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

The proposed remedy is described in a draft cleanup plan called a "Remedial Action Work Plan" (RAWP) prepared by National Grid, and in an accompanying draft Decision Document prepared by NYSDEC. The documents are available for review at the locations identified below under "Where to Find Information". These documents are also available on the NYSDEC web site at <http://www.dec.ny.gov/chemical/37560.html>.

Voluntary Cleanup Program: New York's Voluntary Cleanup Program (VCP) was developed to encourage private sector volunteers to investigate and clean up contaminated properties and return these sites to productive use. Once cleaned up, the properties may be redeveloped for commercial, industrial, residential or public use.

For more information about the VCP, visit:
www.dec.ny.gov/chemical/8442.html

How to Comment

NYSDEC is accepting written public comments about the proposed remedy for 30 days, from August 3 through September 2, 2010.

Submit written comments to:

Bernard Franklin
New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau C, 11th Floor
625 Broadway
Albany, New York 12233-7014
Email: bcfrankl@gw.dec.state.ny.us

Summary of the Proposed Remedy

The proposed remedy will protect public health and the environment by permanently removing contamination from the site and adjacent properties.

The proposed remedy includes the following components:

1. Additional investigation to determine if MGP source material has migrated north of the site towards King Street and whether excavation is required to address these impacts. Additional sampling to determine if purifier waste is present in soil in off-site parcels to the southeast that requires removal.
2. Excavation of contaminated surface and subsurface soils to bedrock on the site and adjacent off-site properties and disposal at a permitted facility. Soil and fill material overlying this contaminated soil that does not exceed the removal criteria will be excavated, stockpiled on-site and evaluated for use in backfilling the deeper excavations.
3. Enhanced natural attenuation of contaminated groundwater by the addition of oxygen, nutrients and/or other amendments as necessary to stimulate indigenous bacteria to degrade dissolved contaminants.
4. Installation of bedrock coal tar NAPL (Non-Aqueous Phase Liquid) recovery wells and periodic measurement and removal of accumulated NAPL. Recovered NAPL will be transported off site for treatment or disposal.
5. A site cover will be installed to allow for restricted-residential use of the site. The cover will consist either of the structures such as buildings, pavement, or sidewalks comprising the site development, or a soil cover in areas where the upper two feet of exposed surface soil will exceed the restricted-residential soil cleanup objectives (SCOs). Where the soil cover is required it will be a minimum of two feet of soil meeting the restricted-residential SCOs for cover material as set forth in 6 NYCRR Part 375-6.8(d). The soil cover will be placed over a demarcation layer. The excavation will be backfilled with soil meeting the backfill material requirements for residential use as set forth in 6 NYCRR Part 375-6.8(d) with the upper six inches of the soil of sufficient quality to maintain a vegetation layer.
6. A deed restriction will be implemented which will: (a) limit the use and development of site property to restricted residential use, which would also allow commercial and industrial uses, as permitted by local zoning; (b) require compliance with an approved site management plan; (c) restrict the use of groundwater as a source of drinking water or industrial supply without the necessary water quality treatment as determined by the New York State Department of

Health (NYSDOH); and (d) require National Grid to prepare and submit to the NYSDEC a periodic certification of institutional and engineering controls.

7. A site management plan will be developed which will include the following institutional and engineering controls: (a) an excavation plan to manage contamination remaining beneath the site cover pavement or buildings, (b) identification of any use restrictions on the site; (c) provisions for the continued proper operation and maintenance of the components of the remedy; and (d) if any new structures are built onsite, the potential for soil vapor intrusion into the indoor air will be evaluated.
8. National Grid or the property owner will provide a periodic certification of institutional and engineering controls, prepared and submitted by a professional engineer or such other expert acceptable to the Department, until the Department notifies the property owner in writing that this certification is no longer needed. This submission will: (a) contain certification that the institutional controls and engineering controls put in place are still in place and are either unchanged from the previous certification or are compliant with Department-approved modifications; (b) allow the Department access to the site; and (c) state that nothing has occurred that will impair the ability of the control to protect public health or the environment, or constitute a violation or failure to comply with the site management plan unless otherwise approved by the Department,

Next Steps

NYSDEC will consider public comments, revise the plan as necessary, and approve the proposed remedy. The NYSDOH must concur with the proposed remedy. After approval, the proposed remedy becomes the selected remedy. The Remedial Action Work Plan that describes the proposed remedy is revised as needed to describe the selected remedy, and will be made available to the public (see “Where to Find Information” below). The volunteer may then design and perform the cleanup action to address the site contamination, with oversight by NYSDEC and NYSDOH. It is estimated that activities to clean up the site will take about 6 months.

NYSDEC will keep the public informed during the cleanup of the site.

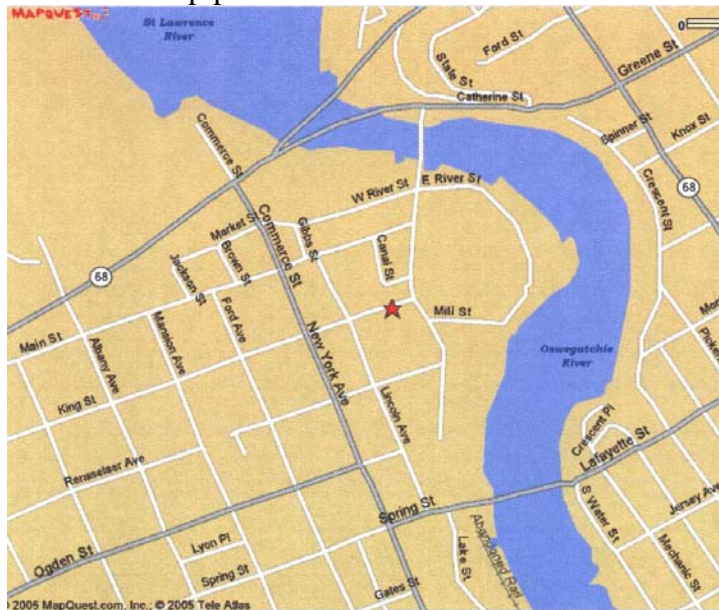
Site Related Human Health and Environmental Assessment

Contact with contaminated groundwater is not likely since public water serves the project area. Low levels of some site-related contaminants may be present as a vapor (or gas) beneath the site. However, soil vapor samples were collected above a known tar source on-site, next to the Former St. Lawrence Foods facility off-site and adjacent to a neighboring residence. In addition, indoor air samples were collected from the nearby residence. These sample results indicate that current conditions are unlikely to cause exposures that would result in health effects, and no further action or additional air sampling is necessary at this time. If new buildings are constructed on the project site then the potential for the vapor intrusion will be evaluated.

Background

NYSDEC previously accepted an application from the volunteer to participate in the Voluntary Cleanup Program. The application proposed that the site would be used for commercial or industrial purposes. However the proposed remedy would also make the site suitable for restricted residential use.

The site is located at 10 King Street, Ogdensburg, St. Lawrence County, New York on approximately 0.75 acres of land in a mixed residential and commercial setting. The site had previously been used as quarry, then for production of manufactured gas for local distribution and later propane gas storage. Site contamination includes benzene, toluene, ethyl benzene and xylenes (BTEX), polycyclic aromatic hydrocarbons (PAHs) and cyanide. Previous investigations performed at the site include a Site Characterization that was completed in 2004 and a Remedial Investigation that was completed in 2008. Based on these investigations, certain interim remedial measures were performed to address known impacts of site contaminants. These IRMs included placing a surface cover on an adjacent parcel in 2007 and plugging an unused sewer pipe in 2008.



FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following locations to help the public stay informed. These documents include the draft Remedial Action Work Plan and the draft Decision Document.

Ogdensburg Public Library
312 Washington Street
Ogdensburg, NY 13669
Phone: 315-393-4325
Hours: Mon, Thu – 8am-8pm
Tue, Wed, Fri – 8am-6pm
Sun – 1pm-5pm

Who to Contact

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

Project Related Questions

Bernard Franklin

NYSDEC

Division of Environmental Remediation

Remedial Bureau C, 11th Floor

625 Broadway

Albany, New York 12233-7014

518-402-9662 or toll free 866-520-2334

Email: bcfrankl@gw.dec.state.ny.us

Site-Related Health Questions

Ian Ushe

Public Health Engineer I

Bureau of Environmental Exposure Investigation

547 River Street

Troy, NY 12180-2216

Ph. 518-402-7860

or toll free (800) 458-1158 ext. 27860

Email: ziu01@health.state.ny.us

If you know someone who would like to be added to the site contact list, have them contact the NYSDEC project manager 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.