

COMMUNITY

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Remedial Bureau of
Division of Environmental Remediation**Fact Sheet**

National Grid, Rome, NY

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National Grid to begin Remedial Construction Activities at the Rome (Kingsley Ave.) Property Site No. 6-33-043

National Grid will continue remedial construction activities at the historical manufactured gas plant (MGP) site formerly located on Kingsley Avenue in Rome, New York beginning in May 2008. The former MGP site was owned and operated by a predecessor company to Niagara Mohawk Power Corporation. Pursuant to an agreement with the New York State Department of Environmental Conservation (DEC), National Grid has completed an extensive investigation of the impacts to soil and groundwater associated with the former MGP operations. The results of the investigation efforts were presented in a Remedial Investigation (RI) Report (Parson Engineering Science, Inc, March 1999) and are on file at the Jervis Public Library, 613 N. Washington St, Rome, NY.

Background Information

While owned by the Rome Gas, Electric Light and Power Company (1917 – 1923) and subsequently the Northern New York Utilities (1923 - 1930) this plant heated coal and produced a “manufactured” gas which was utilized for lighting, heating and cooking by Rome homes and businesses. By the early 1930s, the City was supplied with gas from a regional MGP facility located in Utica, NY. Local gas production at Kingsley Ave plant ceased about this time, operating perhaps only on a seasonal (winter) basis. The facility and accompanying property were transferred to Niagara Mohawk in 1950 as part of its incorporation from many smaller companies, including the Northern New York Utilities.

In 1992, Niagara Mohawk entered into a *Order on Consent* with the New York State Department of Environmental Conservation (NYSDEC) to evaluate and, where necessary, remediate MGP by-products that may remain at 24 former MGPs sites located throughout the New York State. The Kingsley Ave. property is one of those former MGP sites. National Grid acquired Niagara Mohawk in 2002 and assumed responsibility for the investigation of the former MGP.

Environmental Remedial Activities and Scheduled

Implementation of remedial activities will involve a three-year phased construction schedule with Phase II to start in May 2008, to accommodate planned upgrades to the overhead distribution and transmission lines as well as the existing electrical substation currently on the property.

Major elements of the selected on-site remedy, as approved by the NYSDEC, will include:

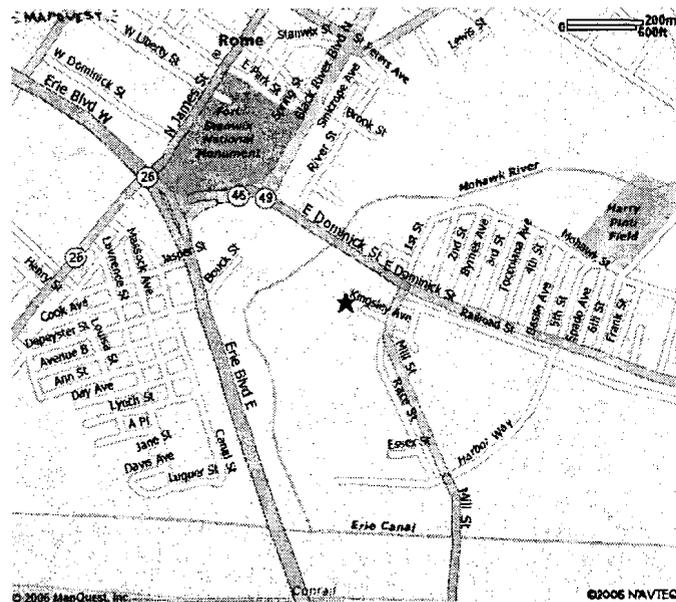
- Excavation of approximately 22,000 cubic yards of impacted soils and transport offsite for thermal treatment and disposal.
- Demolition and removal of several underground MGP structures including tar wells, distribution and relief holder foundations,
- Construction of a 45-foot deep steel, sheetpile barrier wall to facilitate the containment and collection of impacted groundwater.
- Construction of a small groundwater treatment plant. Treated groundwater will be discharged to the Mohawk River.
- Removal of approximately 800 cubic yards of impacted sediments from a backwater area located just above the spillway on the Mohawk River.
- Construction of a soil cover over approximately 14 acres in the northern portion of the site to prevent exposure to impacted soils that may remain.
- Implementation of a long-term operation and maintenance plan to monitor groundwater quality and ensure that engineered controls (e.g. groundwater treatment system, soil cap, etc.) continue to function as designed, and
- Implementation of "Institutional Controls" to include: prohibition of land development for residential use, compliance with approved soil management plans for future activities, notification to the NYSDEC prior to any future activity that could jeopardize the integrity of the remedy.

Phase II activities this summer will include the excavation and removal of approximately 12,000 cubic yards of coal tar impacted soils from two locations on the property. One excavation along the southeastern boundary will be conducted within a temporary enclosed structure to minimize nuisance impacts to nearby residents. In order to reduce exposures to site-related contaminants, a site specific Health and Safety and Community Air Monitoring Plans (HASP and CAMP) will to be in affect and implemented at all times. The HASP is designed to protect personnel involved in the remediation of the site. The CAMP is specifically designed to protect off-site receptors such as community residences, businesses and on-site workers not involved with the site remediation, from inhaling and ingesting site-related contamination. Both the HASP and CAMP contain stringent on-site and off-site air monitoring programs designed to protect workers and the community from site-related contamination.

Additional remedial measures to address off-site contamination are under consideration.

For More Information

If you would like more information about the planned activities, please contact any of the project representatives listed on the sidebar on the front of this fact sheet. Project documents can be reviewed by contacting at the Jervis Public Library at 315.336.4570 or by e-mail: jervis@borg.com.



The Rome (Kingsley Ave.) Former MGP site is located in downtown Rome, Oneida County, New York on the Mohawk River approximately 1000 feet north of the New York State Barge Canal. National Grid will conduct environmental remedial clean-up of soil and groundwater at the site over the next three years.

Inside

...this fact sheet you will find information about environmental remediation activities planned for the Rome (Kingsley Ave.) Former MGP site. National Grid is working with the NYSDEC to investigate and clean-up a number of properties potentially impacted by MGP-related materials.

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