

New York State
Department of



Environmental
Conservation

Dear Interested Citizen:

This Fact Sheet provides a summary of a remedial activity to be undertaken at the former Fort Edward Canal Street Manufactured Gas Plant site. For additional information about site activities please contact the individuals identified below:

Project Related Issues:

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Former Ft. Edward
Canal Street
Manufactured Gas Plant
Washington County
Site No. V00472

June 2009

National Grid Starting Interim Remedial Measures at Former Fort Edward Manufactured Gas Plant Site

The New York State Department of Environmental Conservation (NYSDEC), the New York State Department of Health (NYSDOH), and National Grid are about to begin a remediation of contaminated soils at the former Fort Edward Canal Street Manufactured Gas Plant (MGP) site. The Work Plan for this Interim Remedial Measures (IRM) has been reviewed by the New York State Department of Health (NYSDOH) and approved by the New York State Department of Environmental Conservation (NYSDEC).

The work plan calls for the removal of approximately 900 cubic yards of soil impacted with PAHs (polycyclic aromatic hydrocarbons), a contaminant typically associated with gas manufacturing. The excavation area is located at the western area of the site along Canal Street. Contamination is relatively shallow and is therefore easy to remove by excavation. In most of the IRM area, the excavation will be approximately 2 feet deep; however, there will be a localized area where there will be a deeper excavation to a depth of 6 feet.

Site Location and History:

The 1.6 acre Fort Edward Canal Street Former MGP site is located at 22 Canal Street, in the Village of Fort Edward, Washington County. It is on the east side of Canal Street, south of Notre Dame Street. The attached figure shows the site location. The parcel is currently zoned for residential use. The surrounding area is primarily residential, although the State Street Burial Ground, a historical cemetery, is present across Canal Street from the site.

The MGP operated on the site from 1900 until 1924. The plant used coal and petroleum products to create a gas which was piped into the surrounding community where it was used for lighting, heating and cooking similar to how natural gas is used today. The gas plant consisted of the former gas house and a single gas storage holder along the northern side of the site.

Prior to 2001, the gas building on site was used as a private residence. Past residents of the property installed an in-ground swimming pool east of the building, inset within the foundation of the former gas holder. National Grid purchased the property in October of 2001, and had the building demolished and closed the swimming pool in place in 2004.

Previous Investigations:

The PAH impacted soils were identified during three phases of environmental investigations conducted by National Grid in 2003, 2005 and 2007. The investigations determined that the soil exceeded NYSDEC soil cleanup objectives, therefore requiring remediation. It should be noted that

Additional Information:

For additional information regarding health and exposure issues, please visit the NYSDOH website at:
<http://www.health.state.ny.us/environmental/about/exposure.htm>

For information on the NYDEC Manufactured Gas Plant Remediation program:
<http://www.dec.ny.gov/chemical/8430.html>

Document Repositories:

The Interim Remedial Measures Work Plan and the Final SC Report for the Ft. Edward site are available for review at the document repositories identified below:

Ft. Edward Free Library
23 East Street
Ft. Edward, NY 12828

NYSDEC Central Office
11th Floor
625 Broadway
Albany, NY 12233-7014
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(518) 402-9662
Hours: M-F; 9-5
(by appointment)

no groundwater contamination was found during the investigations. The impacts were found in the western portion of the site, mostly in fill material near the former building. The final Site Characterization report was approved by the NYSDEC in June of 2007.

Work Plan Summary:

The work plan for the project includes the excavation, removal, and off-site disposal of suspected MGP-related material. This includes the excavation of shallow, impacted soils along the western side of the site to a depth of approximately 2 to 6 feet below existing grade. Impacted soils will be transported off-site for treatment and disposal at an appropriately permitted facility. The excavation will be brought to final grade using clean backfill meeting NYSDEC requirements. A small gravel pull off area will remain and landscaping will be restored to pre-project conditions. The final grade of the site will be altered slightly to provide effective, controlled precipitation runoff and eliminate ponding. Odors and vapors associated with MGP-residuals will be monitored while the work is performed and odor/vapor mitigation methods such as covering excavation areas with plastic and/or the use of odor-suppressing products will be implemented if necessary. During working hours, the Contractor will make every effort to minimize potential nuisance community impacts. These include, but are not limited to, noise and traffic concerns associated with the execution of the IRM.

The work is tentatively scheduled to begin in July 2009 and is expected to require approximately 1 month to complete.
