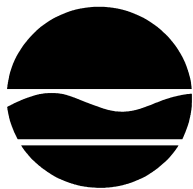


NEW YORK STATE  
DEPARTMENT OF



ENVIRONMENTAL  
CONSERVATION

**PUBLIC MEETING DATE  
AND LOCATION:**

November 27, 2007 6:30 pm  
Dansville Fire Hall  
Franklin Street  
Dansville, New York

**Public Comment Period**

November 16, 2007 through  
December 17, 2007

**Send Written  
Comments to:**

Charles Post  
Project Manager  
NYSDEC Central Office  
625 Broadway, 12<sup>th</sup> Floor  
Albany, NY 12233-7014

**Local Document Repositories:**

Dansville Public Library  
200 Main Street  
Dansville, NY 14437  
Mon & Wed: 10:00 - 8:30  
Tues, Thurs, and Fri: 1:00 - 8:30  
Sat: noon - 4:00  
Phone: (585) 335-6720

New York State Department of  
Environmental Conservation  
6274 East Avon-Lima Rd.  
Avon, NY 14414  
Mon - Fri: 8:30 - 4:30  
Contact Lisa Silvestri  
for an appointment  
Phone (585) 226-5326

# FACT SHEET

## Remedial Actions Proposed for the Former NYSEG Dansville MGP Site Operable Unit 1

### Public Comment Period, Meeting Announced

#### INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health (NYSDOH), is proposing remedial actions to address contamination relating to the Former Dansville Manufactured Gas Plant (MGP) Site. This site is a former MGP facility located at 50 Ossian Street in Dansville, New York. The NYSDEC is sending this public notice to announce the release of the proposed cleanup plan for the site, and to invite you to a public meeting to discuss the plan. The meeting will present the Proposed Remedial Action Plan (PRAP) for remediating the impacts of contamination in soil and groundwater in Operable Unit 1 of the site. The NYSDEC will present the alternatives that were evaluated to address this contamination, along with the rationale for recommending the proposed remedy. The PRAP will be available for public review at the repositories listed on this fact sheet beginning November 16, 2007.

#### HIGHLIGHTS OF THE PROPOSED ACTION

The major elements of the proposed remedy include excavation of grossly contaminated soil, which includes any soil that contains visible coal tar or oil; construction of a hydraulic barrier and treating groundwater as necessary to complete the excavation below the water table; partial demolition of an on-site building to enable excavation; installation of a one-foot soil cover over the site; and creation of an environmental easement to control land use and require long-term management of the site. Land use at the site would be limited to restricted commercial or industrial uses, as otherwise permitted by local land use regulations.

The site would be subject to a site management plan, which would describe the requirements for managing soil that may be excavated during future development activities, would require an evaluation and mitigation of vapor intrusion into buildings that may be developed on the site, and provide for the operation, maintenance and monitoring of the remedy.

**Additional Document  
Repositories:**

New York State Department of  
Environmental Conservation  
Central Office  
625 Broadway, 11<sup>th</sup> Floor  
Albany, NY 12233

Contact Charles Post  
for an appointment  
Mon-Fri: 8:15-4:30  
(518) 402-9662

**YOUR OPPORTUNITIES TO COMMENT ON THE PROPOSED PLAN**

In addition to any comments received at the public meeting, written comments may be submitted to Mr. Charles Post at the address shown on this notice. The comment period for the PRAP begins on November 16, 2007. To be considered in the selection of the final remedy, comments must be postmarked by December 17, 2007.

**SITE LOCATION**

The Former Dansville MGP site is located on approximately 2.5 acres on the north side of Ossian Street the Village of Dansville, Livingston County. As shown on Figure 1, the site is bounded to the east by the former Pappas Dry Cleaners and to the south by Ossian Street. Residential properties are located

on the south side of Ossian Street. To the north is Battle Street, which includes residential properties, a church and day care facility. West of the site is a private residence.

The site has been divided into two distinct areas, Operable Unit 1 and Operable Unit 2. During the Feasibility Study, the technical review of site conditions determined that the source area could be addressed more quickly and efficiently if the boundaries of Operable Unit 1 were modified slightly. The result of the boundary adjustment was to create a smaller area that can be addressed before the remedy for the adjacent Pappas Dry Cleaning site is developed. Operable Unit 2 includes portions of NYSEG's 50 Ossian Street property and the area of off-site migration. Operable Unit 2 is being investigated and will be addressed separately at a later date.

**SITE BACKGROUND AND HISTORY**

Gas was manufactured at the Ossian Street site from 1861 until 1930, when the gas works were shut down due to the introduction of natural gas to the Dansville area. Manufactured gas was produced by heating coal and other petroleum products in the presence of steam. The gas was used by local businesses and residents for lighting, cooking, and heating. Byproducts of the manufactured gas process remained at the site after it was closed. These byproducts included coal tar, volatile organic compounds (VOCs) and polycyclic aromatic hydrocarbons (PAHs). The site investigation and remediation discussed in this fact sheet were performed by NYSEG under a 1995 multi-site Order on Consent that was signed by NYSDEC and NYSEG. The detailed Remedial Investigation Report and the Feasibility Study are available for review at the document repositories listed on this fact sheet.

**REMEDIAL INVESTIGATION SUMMARY**

The most abundant contaminant found at the site is coal tar, which is present in groundwater and subsurface soils. The source of this contamination appears to be from historical discharge of the tar on the property. Coal tar was a byproduct of the gas manufacturing process. Coal tar has been identified in the soil and below the groundwater table at various locations within OU1.

Coal tar is a type of non-aqueous phase liquid (NAPL). The presence of this NAPL has been identified to a depth of approximately 16 feet below the ground surface. At a depth of 16 to 20 feet below the ground surface is a silty clay layer of soil. The silty clay layer is confining the NAPL from sinking further into the soil. Groundwater is present in the soil above this confining layer. The groundwater at the site is moving laterally toward the northwest (toward Battle Street) and is not moving downward past the confining silty clay layer. The NAPL has

moved with the groundwater and has been found beyond the site boundaries.

Additional VOCs found at the site are contaminants typically associated with chemical dry cleaning solvents, including trichloroethylene (TCE) and perchloroethylene (PCE) and their breakdown products. The Department attributes the presence of TCE and PCE to the former Pappas Dry Cleaner located east of the site. As a result of the NYSEG investigation findings, the NYSDEC listed the Pappas Dry Cleaning site on the Registry of Inactive Hazardous Waste Disposal Sites. Currently, the NYSDEC is investigating both the Pappas property and the downgradient area to determine the extent and level of contamination associated with the Pappas site.

The coal tar NAPL has also resulted in vapors which are present in the soil. The Pappas Dry Cleaners is an additional source of on-site soil vapors that are not related to the MGP activities. The MGP and non-MGP vapors were found in the soil beneath the site and the service center building. Further testing revealed that these vapors were present in the air in the service center building. NYSEG mitigated these vapors by installing soil vapor extraction points beneath the service center building. The operation of this system has improved indoor air quality at the service center building to acceptable levels.

### **FEASIBILITY STUDY**

A Feasibility Study (FS) was conducted to evaluate a range of cleanup alternatives for the soil contamination at the site. These alternatives include: 1) no action, 2) containment with Non-Aqueous Phase Liquid (NAPL) recovery, a soil cover, and institutional controls, 3) excavation of subsurface structures and MGP source material from above and below the groundwater table, and institutional controls, and 4) excavation of subsurface structures and MGP source material from above the groundwater table, containment, and institutional controls.

The proposed remedy must be protective of human health and the environment, be cost-effective, comply with other statutory requirements, and utilize permanent solutions, alternative technologies or resource recovery technologies to the maximum extent practicable. The proposed remedy also takes into consideration the groundwater contamination from the solvent release from the Pappas Dry Cleaner property. The proposed OU1 remedy is designed to achieve the remedial goals for the site without spreading contamination from the Pappas site or re-contaminating the remediated NYSEG property.

### **PROPOSED REMEDIAL ACTION PLAN**

As a result of the Remedial Investigation and Feasibility Study, the NYSDEC and NYSDOH propose the following remedy for the site:

- Installation of a construction barrier and hydraulic control system to enable excavation below the water table.
- Demolition of the southern portion of the on-site building as necessary to enable the excavation of contaminated soils. The northern portion of the current site building would remain in place.
- Excavation and off-site disposal of soil from above and below the groundwater table that contains NAPL, visible tar, oil, sheens or odors with a total PAH concentration over 1000 ppm. Subsurface MGP structures would also be disposed of off-site.
- Construction of a soil cover over all vegetated areas to prevent exposure to residually contaminated soils. The one-foot thick cover would consist of clean soil underlain by an indicator such as orange plastic snow fence to demarcate the cover soil from the subsurface soil. The top six inches of soil would be of sufficient quality to support vegetation. Non-vegetated areas (buildings, roadways, parking lots, etc.) would be covered by a paving system or concrete.

- Placement of an institutional control in the form of an environmental easement that would:
  - require compliance with an approved site management plan;
  - limit the use and development of the property to commercial or industrial uses only;
  - restrict the use of groundwater as a source of potable water, without necessary water quality treatment as determined by NYSDOH; and
  - require the property owner to complete and submit to the NYSDEC a periodic certification.
- Development of a site management plan to:
  - address residually contaminated soils that may be excavated from the site during future redevelopment. The plan would require soil characterization and, where applicable, disposal/reuse in accordance with NYSDEC regulations;
  - identify any use restrictions; and
  - provide for the operation and maintenance of the components of the remedy.

The cost of the proposed remedy for the site is estimated to be \$4.95 million, of which \$4.85 million is the cost of construction. The remainder is the present worth of the periodic monitoring and maintenance cost, which is estimated to be \$7,000 a year.

**Repositories:** The public is encouraged to review the PRAP, Remedial Investigation (RI) Report, Feasibility Study (FS) Report and other documents relating to the site at the document repositories listed on the front page of this fact sheet. The PRAP will be available at each of the repositories beginning November 16, 2007.

#### WHAT HAPPENS NEXT?

The first page of this fact sheet describes the upcoming public meeting and public comment period on the remedy favored by the NYSDEC and NYSDOH. The NYSDEC may modify the preferred alternative or select another alternative based on new information or public comments. Comments will be summarized and addressed in the responsiveness summary section of the Record of Decision (ROD). The ROD is the NYSDEC's final selection of the remedy for the site. When the ROD is issued, it will be placed in the repositories and a "Notice of ROD Availability" will be mailed to the site's public contact list.

**For More Information:** Call or write the following staff about:

**Environmental Concerns:**

Charles Post  
NYSDEC  
625 Broadway, 11<sup>th</sup> Floor  
Albany, NY 12233-7014  
(518) 402-9662

**Health-Related Concerns:**

Mathew Forcucci  
NYSDOH  
584 Delaware Avenue  
Buffalo, NY 14202  
(716) 847-4385

**Citizen Participation:**

Lisa Sivistri  
NYSDEC Region 8  
6274 East Avon-Lima Road  
Avon, NY 14414  
(585) 226-5326

**NOTE:** In the event of severe weather conditions on November 27, 2007, the meeting will be held in December on a date to be determined.