

Cleanup at the Dansville Former Manufactured Gas Plant Site

Action that will address environmental impacts related to the former Dansville Manufactured Gas Plant (MGP) Site (“site”) under New York’s State Superfund Program. The site is located on a 2.25 acre parcel of land at 50 Ossian Street in the Village of Dansville, Livingston County. The cleanup activities will be performed by New York State Electric and Gas Corporation (NYSEG) with oversight provided by the New York State Department of Environmental Conservation (NYSDEC).

Cleanup activities are expected to begin in the third quarter of 2020 and require about 3 months to complete. The estimated cost to implement the cleanup is approximately \$1.1 million.

Elements of Selected Remedy

Remediation efforts for the site will achieve cleanup levels that protect public health and the environment. The key components of the remedy are:

- A remedial design program will be implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program. Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows:
 - Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
 - Reducing direct and indirect greenhouse gases and other emissions;
 - Increasing energy efficiency and minimizing use of non-renewable energy;
 - Conserving and efficiently managing resources and materials;
 - Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste;
 - Maximizing habitat value and creating habitat when possible;
 - Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals; and
 - Integrating the remedy with the end use where possible and encouraging green and sustainable re-development.
- A site cover currently exists on the NYSEG-owned portion of OU2 in areas not occupied by buildings and will be maintained to allow for commercial use of the site. Any site redevelopment will maintain the existing site cover. The site cover may include paved surface parking areas, sidewalks or soil where the upper one foot of exposed surface soil meets the applicable SCOs for commercial use. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6NYCRR part 375-6.7(d).
- Installation and operation of coal tar recovery wells to manually remove mobile coal tar (if present) from the subsurface. The number, depth, type and spacing of the recovery wells will be determined during the design phase of the remedy. Coal tar will be collected periodically from each well (if present) and transported to an off-site disposal facility; however, if wells are determined by the Department to accumulate large quantities of coal tar over extended time periods, the wells will be converted to automated collection system.
- In-situ enhanced biodegradation will be employed to treat BTEX and PAH compounds in groundwater via application wells installed within the roadways and right-of-ways, at [INVALID]locations on private property, and/or at the NYSEG-owned property. The biological

breakdown of contaminants through aerobic respiration will be enhanced by the placement of an oxygen release compound (ORC), or similar material into the subsurface via application wells. The number and location of application wells will be evaluated as part of the remedial design. Other groundwater amendments may include nutrients such as a sulfate/nitrate product to enhance the already occurring aerobic degradation processes.

- The site management plan (SMP) required for OU1 of the site will be revised to incorporate the OU2 remedy, and will include the following:
 - an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the OU2 area and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:
 - Institutional Controls: The Environmental Easement for the NYSEG-owned portion of OU2.
 - Engineering Controls: The site cover discussed in paragraph 2, coal tar recovery wells discussed in paragraph 3 and the enhanced bioremediation addition discussed in paragraph 4 above.
 - This plan includes, but may not be limited to:
 - an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
 - a provision that should a building foundation or building slab be removed in the future on the NYSEG owned property, a cover system consistent with that described in Paragraph 2 above will be placed in any areas where the upper one foot of exposed surface soil exceed the applicable SCOs.
 - an agreement with property owners to implement any necessary future site management plan on the off-site properties;
 - a provision for further investigation and remediation should large scale redevelopment occur in OU2;
 - descriptions of the provisions of the environmental easement placed on the NYSEG property, including any land use and groundwater use restrictions;
 - provisions for the management and inspection of the identified engineering controls.
 - a provision for evaluation of the potential for soil vapor intrusion for future buildings developed within the area of site management, including provision for implementing actions recommended to address exposures related to soil vapor intrusion.
 - a Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:
 - Monitoring of groundwater to assess the performance and effectiveness of the remedy;
 - a schedule of monitoring and frequency of submittals to the Department; and
 - monitoring for vapor intrusion for any new buildings developed in the area of site management, as may be required by the institutional and engineering control plan discussed above.

Next Steps

When fully implemented, this remedy will achieve the remediation goals for the site by protecting human health and the environment.

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

Background

A former manufactured gas plant was operated at the site from 1861 through 1930. In later years after gas production ceased, the site was used as a regional service center for NYSEG. Service center operations ceased in 2010 and the remaining building was demolished in 2012 .

The site consists of the property at 50 Ossian Street, currently owned by NYSEG. The NYSEG property is approximately 2.25 acres and contains a building used as an operational service center and storage of utility equipment. Dansville is a small urban community located on the western end of the Finger Lakes Region, the area surrounding the site is primarily residential with some commercial uses along Ossian Street.

Additional Site details, including environmental and health assessment summaries, are available on NYSDEC's Environmental Site Remediation Database (by entering the Site ID, 826012) at:

<https://www.dec.ny.gov/cfmx/extapps/derexternal/haz/details.cfm?pageid=3&progno=826012>

Where to Find Information

Project documents are available at the following location(s) to help the public stay informed.

Dansville Public Library
200 Main Street
Dansville, NY 14437
Phone: 585-335-6720

Who to Contact

Project-Related Questions:

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