



Department of
Environmental
Conservation

Where to Find Information

Access project documents through the DECinfo Locator and at this location:
<https://www.dec.ny.gov/data/DecDocs/738049/> and
<https://www.dec.ny.gov/data/DecDocs/V00481/>

*(*Repositories may be temporarily unavailable due to COVID-19 precautions. If you cannot access the online repository, please contact the NYSDEC project manager below for assistance.)*

Oswego Public Library
120 E 2nd St
Oswego, NY 13126
(315) 341-5867

Who to Contact

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

Project-Related Questions

John Spellman, Project Manager
NYSDEC
625 Broadway
Albany, NY 12233-7014
(518) 402-9662
john.spellman@dec.ny.gov

Project-Related Health Questions

Anthony Perretta
NYSDOH
Bureau of Env. Exposure Inv.
ESP Corning Tower, Room 1787
Albany, NY 12237
(518) 402-7860
bee@health.ny.gov

FACT SHEET

Manufactured Gas Plant Program

NM Oswego W. Utica St. MGP
Oswego, NY 13126

May 2020

SITE No. 738049
NYSDEC REGION 7

Cleanup Action to Begin at Former MGP Site

Action is about to begin that will address contamination related to the Niagara Mohawk (NM) Oswego West Utica Street Manufactured Gas Plant (MGP) site, located at 27 West Utica Street, Oswego, Oswego County under New York's MGP program. Please see the map for the site location. Cleanup activities will be performed by National Grid with oversight provided by the New York State Department of Environmental Conservation (NYSDEC).

Remedial activities are expected to begin in June 2020, and last about 7 months. The estimated cost to implement the remedy is \$3 million.

- Access project documents online through the DECinfo Locator:
<https://www.dec.ny.gov/data/DecDocs/738049/> and
<https://www.dec.ny.gov/data/DecDocs/V00481/>
- Documents also are available at the location identified at left under "Where to find information."

Highlights of the Upcoming Cleanup Activities: The goal of the cleanup action for the site is to achieve cleanup levels that protect public health and the environment. The key components of the remedy are:

- Excavation and disposal of the top four feet of soil in areas that require solidification.
- In-situ (in-place) solidification in four areas of the site as shown on Figure 2. The contaminated soil will be mixed in-place with Portland cement and blast furnace slag using an excavator attachment or auger. The result is a low permeability soil that slows groundwater flow and inhibits the migration of contaminants. The solidification will extend to a depth of 22 feet below the surface.
- A cover system consisting of (1) the existing or future structures such as buildings, pavement, sidewalks comprising the site development, and (2) a soil cover in areas where the upper foot of exposed surface soil exceeds the applicable commercial use soil cleanup objectives. Where required, the soil cover will be a minimum one-foot thickness of soil, meeting the soil cleanup objectives for commercial use. Over solidified areas the cover will be four feet thick.
- Installation of five wells to allow for the observation and collection of coal tar in the groundwater.
- Establishment of a site management plan which will detail the soil handling procedure in the event of any future excavations.
- Establishment of an environmental easement that will limit use of the property to commercial and industrial uses consistent with local zoning, restrict the use of the site groundwater and require compliance with the site management plan.

MGP PROGRAM

A site-specific health and safety plan (HASP) and a Community Air Monitoring Plan (CAMP) will be implemented during remediation activities. The HASP and CAMP establish procedures to protect on-site workers and residents and includes required air monitoring as well as dust and odor suppression measures.

Next Steps: After cleanup activities are completed, National Grid will prepare a construction completion report. The report will describe the cleanup activities completed and certify that cleanup requirements have been or will be achieved.

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

Site Description: The former MGP site is located on the north side of West Utica Street between West 3rd Street and West 4th Street. The site is currently zoned for commercial use and is occupied by several small businesses including an auto repair shop, a medical office and a dialysis clinic. Paved parking areas occupy the remainder of the flat 1.2-acre site.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's Environmental Site Remediation Database (by entering the site ID, 738049) at:

<http://www.dec.ny.gov/cfm/externalapps/derexternal/index.cfm?pageid=3>

Summary of the Investigation: Environmental investigations of the Oswego West Utica Street MGP revealed the presence of coal tar in the shallow subsurface of the southern area of the site. Coal tar contains chemical contaminants including benzene, toluene, ethylbenzene, xylene (BTEX) and polycyclic aromatic hydrocarbons (PAHs). At the Oswego site, coal tar was found in the shallow subsurface of the southern area of the site, where the solidification will occur. The site groundwater is also impacted from former MGP operations. BTEX and PAH compounds were also detected off-site in bedrock groundwater,

generally south of West Utica Street. The impacted groundwater will be remediated under a separate remedial plan that is currently being developed. The area is served by a municipal water supply from a water source unaffected by the site contamination.

Manufactured Gas Plant Program: New York's MGP program oversees the investigation and cleanup of former manufactured gas plants. The gas manufacturing process involved the heating of coal or petroleum products to produce a gas mixture. Once cooled and purified, the gas was distributed through a local pipeline network. The gas was used for heating and cooking in much the same way that natural gas is used today. In early years, the gas was also used for lighting in homes and streetlights. The MGP on West Utica Street operated from the 1850s to the 1930s.

For more information about the MGPs, visit:

<http://www.dec.ny.gov/chemical/8430.html>
and

www.dec.ny.gov/chemical/24904.html

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.

Stay Informed With DEC Delivers

Sign up to receive site updates by email:

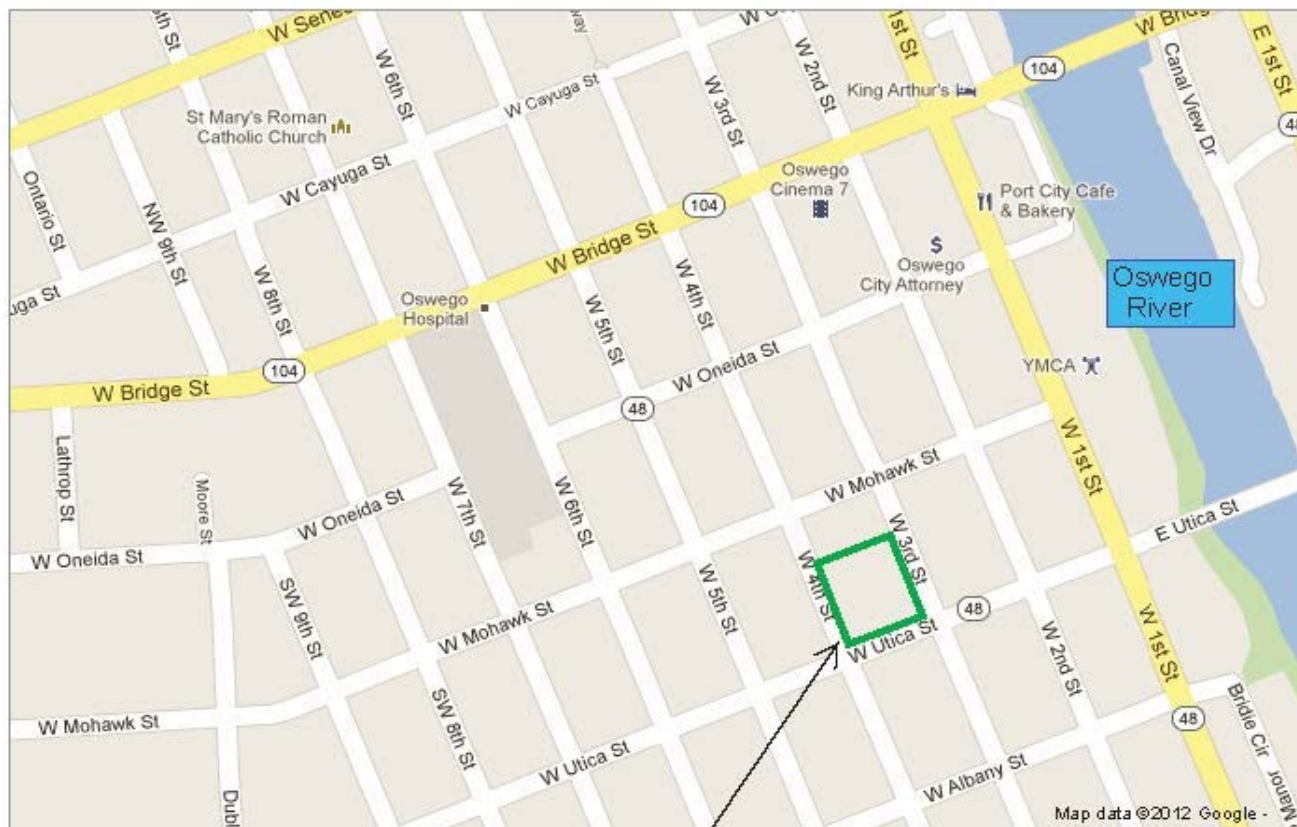
www.dec.ny.gov/chemical/61092.html

Note: Please disregard if you already have signed up and received this fact sheet electronically.

DECinfo Locator

Interactive map to access DEC documents and public data about the environmental quality of specific sites: <http://www.dec.ny.gov/pubs/109457.html>

MGP PROGRAM



Site Location

approx 300 ft

North

Figure 1

Site Location

Oswego (W. Utica St.) Former MGP Site

West Utica St. at West 3rd St.

City of Oswego

NY

