

(Fact Sheet Begins Next)

Act Now to Continue Receiving Information About This Site!

DEC's Division of Environmental Remediation (DER) now distributes information about contaminated sites *electronically by email*.

If you would like to continue to receive information about the contaminated site featured in this fact sheet:

You must sign up for the DER email listserv:

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

DER cannot register your email address - only the email address owner can do so. If you already have signed up for the listserv for the county in which the site is located, you need do nothing.



Why You Should Go “Paperless”:

- Get site information faster and share it easily;
- Receive information about all sites in a chosen county - read what you want, delete the rest;
- It helps the environment and stretches your tax dollars.

If “paperless” is not an option for you, call or write to the DER project manager identified in this fact sheet. Indicate that you need to receive paper copies of fact sheets through the Postal Service. Include the site name in your correspondence. The option to receive paper is available to individuals only. Groups, organizations, businesses, and government entities are assumed to have email access.



Department of
Environmental
Conservation

FACT SHEET

Manufactured Gas Plant Program

NM - Canastota

Former Manufactured Gas
Plant (MGP) Site
424 E. North Canal Street
Canastota, NY 13032

Where to Find Information

Access project documents through the
DECinfo Locator:

<https://www.dec.ny.gov/data/DecDocs/727014>

Or in person:

Canastota Public Library

102 W Center St
Canastota, NY 13032
(315) 697-7030

*(*Repositories may be temporarily
unavailable*

*due to COVID-19 precautions. If you
cannot access the online repository, please
contact the NYSDEC project manager listed
below for assistance)*

Who to Contact

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

Project-Related Questions

Justin Starr, P.G.
NYSDEC
625 Broadway
Albany NY, 12233
(518) 402-9662
justin.starr@dec.ny.gov

Project-Related Health Questions

Arunesh Ghosh
Public Health Specialist
NYSDOH
ESP Corning Tower, RM 1787
Albany, NY 12237 Albany, New York
12237
Phone: (518) 402-7860
beci@health.ny.gov

For more information about New York's
Manufactured Gas Plant Program, visit:

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

May 2021

SITE No. 727014

NYSDEC REGION 7

Remedy Proposed for Former Manufactured Gas Plant Site; Public Comment Period Announced

The public is invited to comment on a remedy being proposed by the New York State Department of Environmental Conservation (NYSDEC) in consultation with the New York State Department of Health (NYSDOH) to address contamination related to the NM – Canastota MGP site (“site”) located at 424 E. North Canal Street, Canastota, Madison County. The proposed remedy is presented in the draft Feasibility Study Report found at the link below. Please see Figure 1 for the site location. The estimated cost to implement the remedy is \$7.4 million.

How to Comment: NYSDEC is accepting written comments about the proposed plan, called a Feasibility Study, for 30 days, from **May 19** through **June 18, 2021**.

- Access the Feasibility Study and other project documents online through the DECinfo Locator: <https://www.dec.ny.gov/data/DecDocs/727014/>.
- Documents also are available at the location identified at left under “Where to Find Information.”
- Please submit comments to the NYSDEC project manager listed under Project-Related Questions in the “Who to Contact” area at left.

The site is the subject of an Order on Consent between Niagara Mohawk Power Corporation d/b/a National Grid (the remedial party) and NYSDEC.

Proposed Remedy: Please see Figure 2 for the extent of the proposed remedy, which includes:

- Localized excavation and disposal of subsurface structures, soil, and debris including the tar well/separator and hot well;
- Bulk excavation and disposal of approximately 6,900 cubic yards of contaminated soil to a maximum depth of 8 feet below ground surface (ft bgs) in the central portion of the site;
- In-situ solidification of contaminated soil from the bottom of a portion of the excavation area down to 15 ft bgs;
- Placement of a minimum of 4 feet of imported granular fill to provide subgrade for the asphalt and/or gravel site cover;
- Restoration of the site cover;
- Installation of additional monitoring wells to monitor the efficacy of the remedy;
- Development of a Monitored Natural Attenuation program;
- Implementation of a Health and Safety Plan and Community Air Monitoring Plan during all ground intrusive activities;

MANUFACTURED GAS PLANT PROGRAM

- Establishment of a Site Management Plan and placement of an Environmental Easement to ensure proper future use of the site.

NYSDEC developed the proposed remedy after reviewing the detailed investigation of the site and evaluating the remedial options in the Feasibility Study submitted by National Grid, under New York's Manufactured Gas Plant Program

Next Steps: NYSDEC will consider public comments as it finalizes the remedy for the site. The selected remedy will be described in a document called a Decision Document that will explain why the remedy was selected and respond to public comments. A detailed design of the selected remedy will then be prepared, and the cleanup will be performed.

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

Site Description: The former MGP is located on the Village of Canastota Department of Public Works (DPW) property. The site is bounded by East North Canal Street to the south, Roberts Street and undeveloped land owned by the Canastota Central School Board to the north, the Greater Lenox Ambulance Service and residential properties to the west, and residential properties to the east. Approximately half of the site area is a paved lot, with the remainder occupied by the DPW garage and gravel areas. The area is served by a public water supply. The former MGP operated from 1900 to 1926 and was demolished during the 1930s and 1940s. The property sat vacant until it was sold to the Village of Canastota in 1969.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's Environmental Site Remediation Database (by entering the site ID, 727014) at:

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

MGP Program Overview: New York's MGP Program oversees the investigation and cleanup of former MGP sites. Sites where contamination has been released to the environment go through a process of investigation, evaluation, cleanup and monitoring.

The gas manufacturing process involved the heating of coal and/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 much like natural gas is used today. In the early years, the gas was also used for lighting in homes and in streetlights. A dense, oily liquid known as coal tar would condense out of the gas at various stages during its production, purification and distribution, and be discharged to the subsurface.

NYSDEC attempts to identify parties responsible for site contamination and require cleanup before committing State funds.

For more information about the MGPs, visit:

<https://www.dec.ny.gov/chemical/8430.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

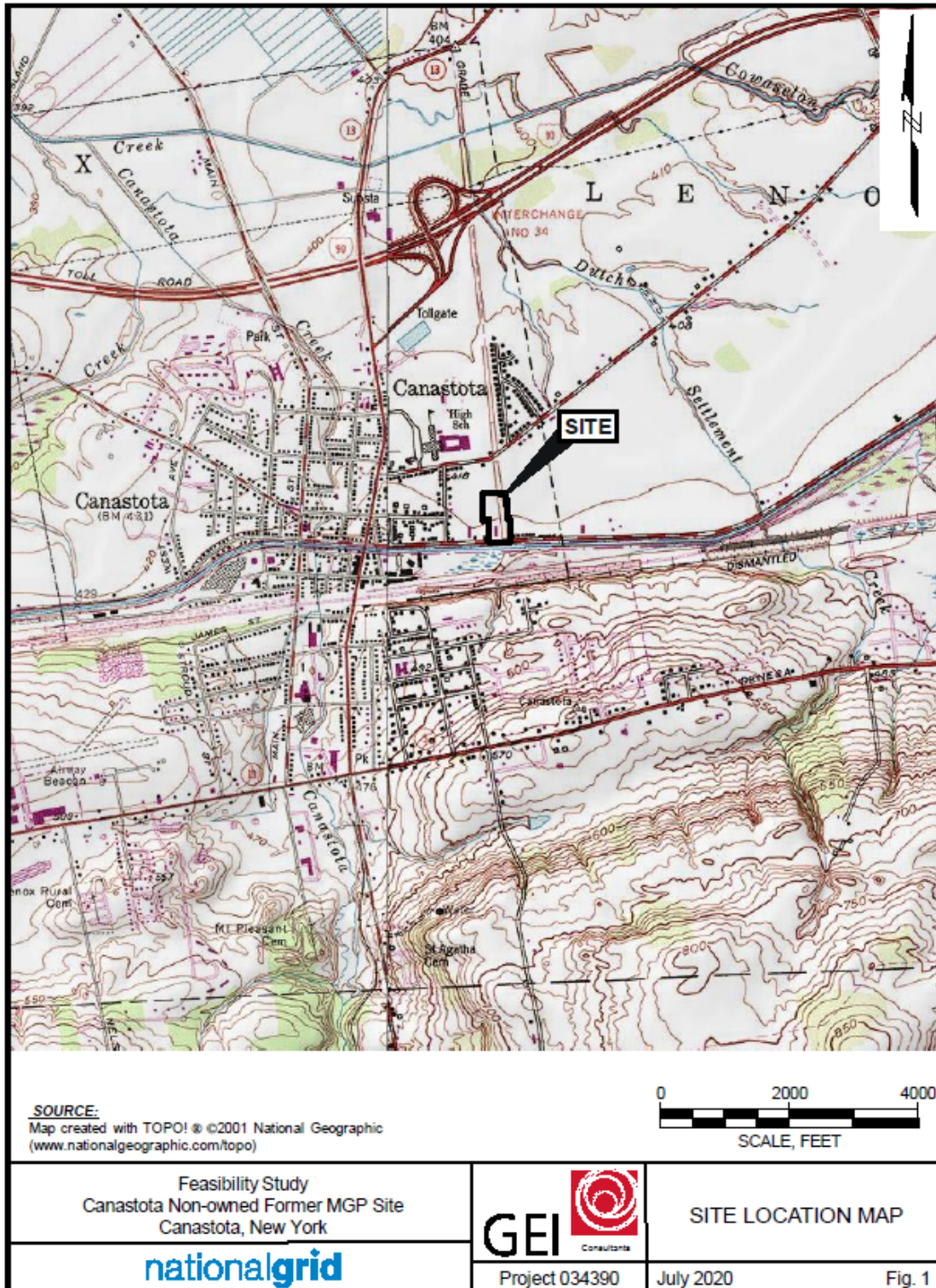
Note: Please disregard if you already have signed up and received this fact sheet electronically.

DECinfo Locator

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

MANUFACTURED GAS PLANT PROGRAM

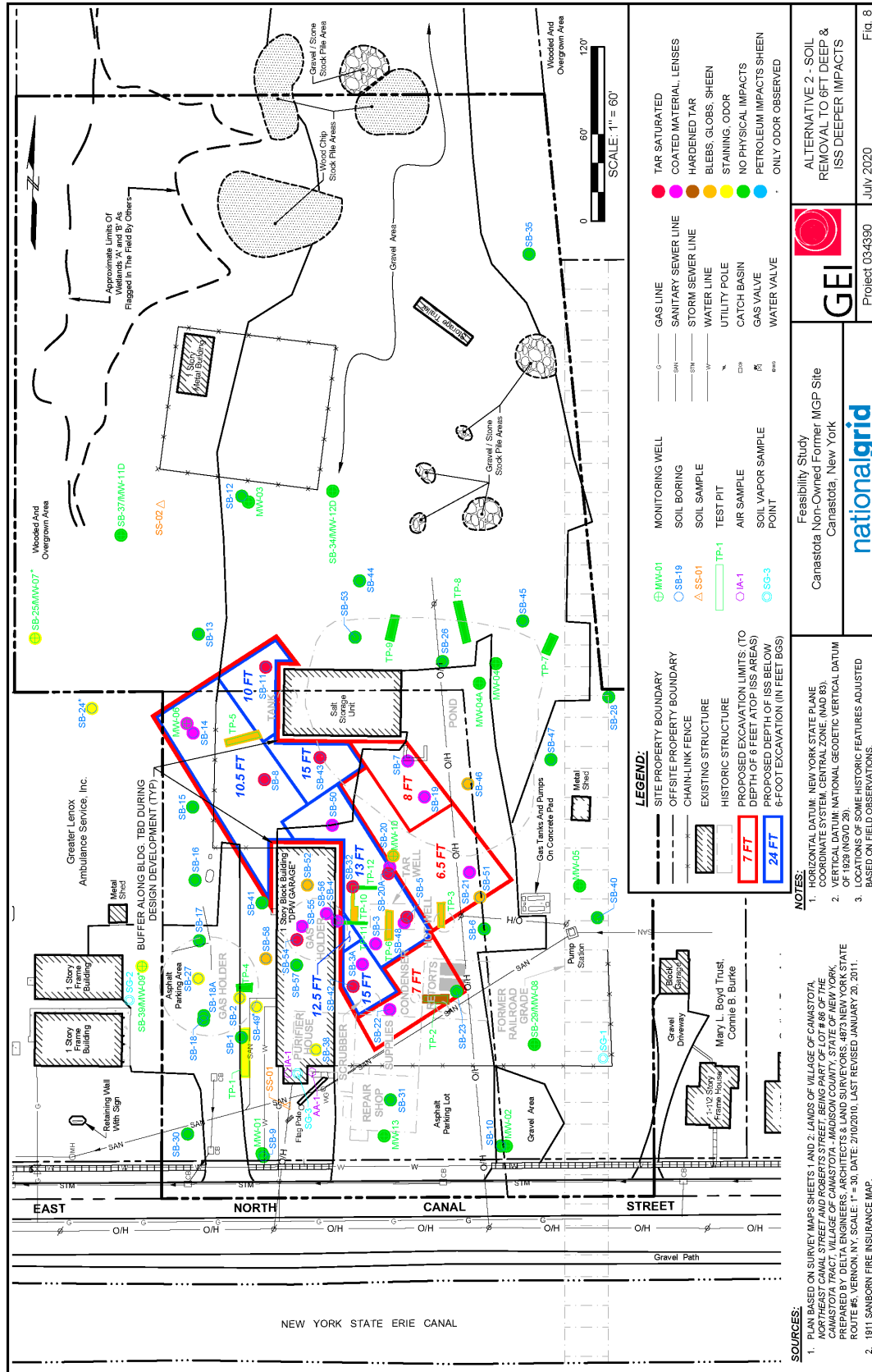
Figure 1 - Site Location Map



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MANUFACTURED GAS PLANT PROGRAM

Figure 2 - Proposed Remedy



LEGEND:

- SITE PROPERTY BOUNDARY
- OFFSITE PROPERTY BOUNDARY
- CHAIN-LINK FENCE
- EXISTING STRUCTURE
- HISTORIC STRUCTURE
- PROPOSED EXCAVATION LIMITS: (TO DEPTH OF 6 FEET AT OP) (ISS AREAS)
- PROPOSED DEPTH OF ISS (BELOW)
- 6-FOOT EXCAVATION (IN FEET BGS)
- MONITORING WELL
- SOIL BORING
- SOIL SAMPLE
- TEST PIT
- AIR SAMPLE
- SOIL VAPOR SAMPLE POINT
- GAS LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- WATER LINE
- UTILITY POLE
- CATCH BASIN
- GAS VALVE
- WATER VALVE
- TAR SATURATED
- COATED MATERIAL LENSES
- HARDENED TAR
- BLEBS, GLOBS, SHEEN
- STAINING, ODOR
- NO PHYSICAL IMPACTS
- PETROLEUM IMPACTS SHEEN
- ONLY ODOR OBSERVED

NOTES:

- HORIZONTAL DATUM: NEW YORK STATE PLANE
- COORDINATE SYSTEM: CENTRAL ZONE (NAD 83)
- VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM
- VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM
- LOCATIONS OF SOME HISTORIC FEATURES ADJUSTED
- BASED ON FIELD OBSERVATIONS.

SOURCES:

- PLAN BASED ON SURVEY MAPS SHEETS 1 AND 2, LANDS OF VILLAGE OF CANASTOTA, CANASTOTA TOWNSHIP, MADISON COUNTY, STATE OF NEW YORK, PREPARED BY DELTA ENGINEERS ARCHITECTS & LAND SURVEYORS, 4873 NEW YORK STATE ROUTE #5, VERNON, NY, SCALE: 1" = 30', DATE: 2/10/2010, LAST REVISED JANUARY 20, 2011.
- 1811 SANBORN FIRE INSURANCE MAP.

Feasibility Study
Canastota Non-Owned Former MGP Site
Canastota, New York

nationalgrid

GEI

Project 034390

July 2020

Fig. 8