

(Fact Sheet Begins Next)

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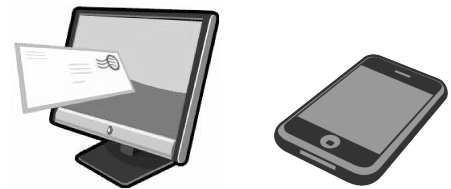
DEC's Division of Environmental Remediation (DER) now distributes information about contaminated sites electronically by email.

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

Where to Find Information

Access project documents through the [DECinfo Locator](#) and at these location:

<https://www.dec.ny.gov/data/DecDocs/704031/>

Broome County Public Library*
185 Court Street
Binghamton, New York 13901

*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
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Albany, NY 12233-7014
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justin.starr@dec.ny.gov

Project-Related Health Questions

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ESP Corning Tower, Room 1787
Albany, NY 12237
(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

FACT SHEET

Manufactured Gas Plant (MGP)
Program

NYSEG - Binghamton Court St.
MGP Site – Operable Unit 02
271-293 Court Street
Binghamton, NY 13901

MARCH 2021

SITE No. 704031
NYSDEC REGION 7

Interim Remedial Measure Completed; No Further Action with Monitoring Remedy Proposed for Former MGP Site – Operable Unit 02; Public Comment Period Announced

The public is invited to comment on a no further action with monitoring remedy being proposed by the New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health (NYSDOH) related to Operable Unit 2 (OU2) of the NYSEG - Binghamton Court St. MGP site ("site") located at 271-293 Court Street, City of Binghamton, Broome County. Please see Figure 1 for the site location.

How to Comment: NYSDEC is accepting written comments about the proposed plan, which is recommended in the March 2021 Focused Feasibility Study Report – OU2, for 30 days, from **March 25th** through **April 24, 2021**.

- Access the focused feasibility study and other project documents online through the DECinfo Locator:
<https://www.dec.ny.gov/data/DecDocs/704031/>
- Documents also are available at the location(s) 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 former Manufactured Gas Plant (MGP) site has been divided into two operable units. An operable unit represents a portion of a remedial program for a site that for technical or administrative reasons can be addressed separately to investigate, eliminate, or mitigate a release, threat of release, or exposure pathway resulting from the site contamination. Operable unit 1 (OU1) is the on-site former MGP area. OU2 consists of the off-site sediments in the Susquehanna River. The subject of this proposed remedy is OU2.

Feasibility Study Report: The recommended remedy for OU2 is no further action with monitoring, based on the results of the site investigation and the actions that are already implemented. Expedited cleanups, called Interim Remedial Measures (IRMs), are conducted at a site when a source of contamination or exposure pathway (the way in which a person may contact contamination) can be effectively addressed without extensive investigation and evaluation. At the Binghamton Court St. MGP OU2, the previously completed IRM consisted of:

- Sediment dredging that addressed shallow sediments containing MGP-related visual impacts and polycyclic aromatic hydrocarbons (PAHs) that migrated from OU1. Approximately 750 cubic yards of MGP-impacted sediment were excavated from two areas of the

MANUFACTURED GAS PLANT PROGRAM

Susquehanna River that bordered the former MGP. The dredged areas were restored with NYSDEC-approved clean backfill. Please see Figure 2 for the IRM excavation area.

This expedited cleanup addressed the shallow contamination found at this operable unit, allowing it to meet NYSDEC freshwater sediment guidance values. Therefore, NYSDEC is proposing no further action with monitoring as the remedy at OU2 of the NYSEG - Binghamton Court St. MGP site.

Future proposed monitoring steps will consist of:

- Long-term visual inspection of the sediment to monitor the effectiveness of the IRM, as well as any riverbank changes that could affect residual contamination.

NYSDEC developed the proposed remedy after reviewing the detailed investigation of the site and evaluating the remedial options in the focused feasibility study submitted under New York's Manufactured Gas Plant Program by New York State Electric and Gas Corporation (NYSEG).

Next Steps: NYSDEC will consider public comments as it finalizes the no further action with monitoring remedy for OU2. The selected remedy will be described in a Decision Document that will explain why the remedy was selected and respond to public comments. A Final Engineering Report will be finalized after the completion of the Decision Document.

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

Site Description: The OU1 portion of the site is owned by NYSEG in an industrial section of the City of Binghamton, in Broome County, New York. OU1 occupies lots identified as 271-291 and 293 Court Street and was previously remediated by the installation of a barrier wall, coal tar collection wells, and sealing of the storm sewer pipe leading to the river. Remediation of on-site areas in OU1 is complete; residual contamination in soil and groundwater continue to be managed under a site management plan. OU2 consists of river sediments within the Susquehanna River. OU2 is located immediately south and downgradient of OU1. OU2 is bordered to the north by Court Street (separated by a flood wall). Immediately downstream (west) of OU2, the river is crossed by the Tompkins Street Bridge (a continuation of Brandywine Ave). The Susquehanna River in the area adjacent to the site is a Class A waterbody. The best uses of

Class A waters include a source of water supply for drinking and culinary or food processing purposes, primary and secondary contact recreation, and fishing. Class A waters are suitable for fish, shellfish, and wildlife propagation and survival.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's Environmental Site Remediation Database (by entering the site ID, 704031) at:

<https://www.dec.ny.gov/cfm/x/EXTAPPS/DEREXTERNAL/index.cfm?pageid=3>

Summary of the Investigation: Prior to the IRM, the primary contaminants of concern for OU2 were MGP-related semi-volatile organic compounds (SVOCs), namely polycyclic aromatic hydrocarbons (PAHS), and MGP-related non-aqueous phase liquid (NAPL) in river sediment.

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.

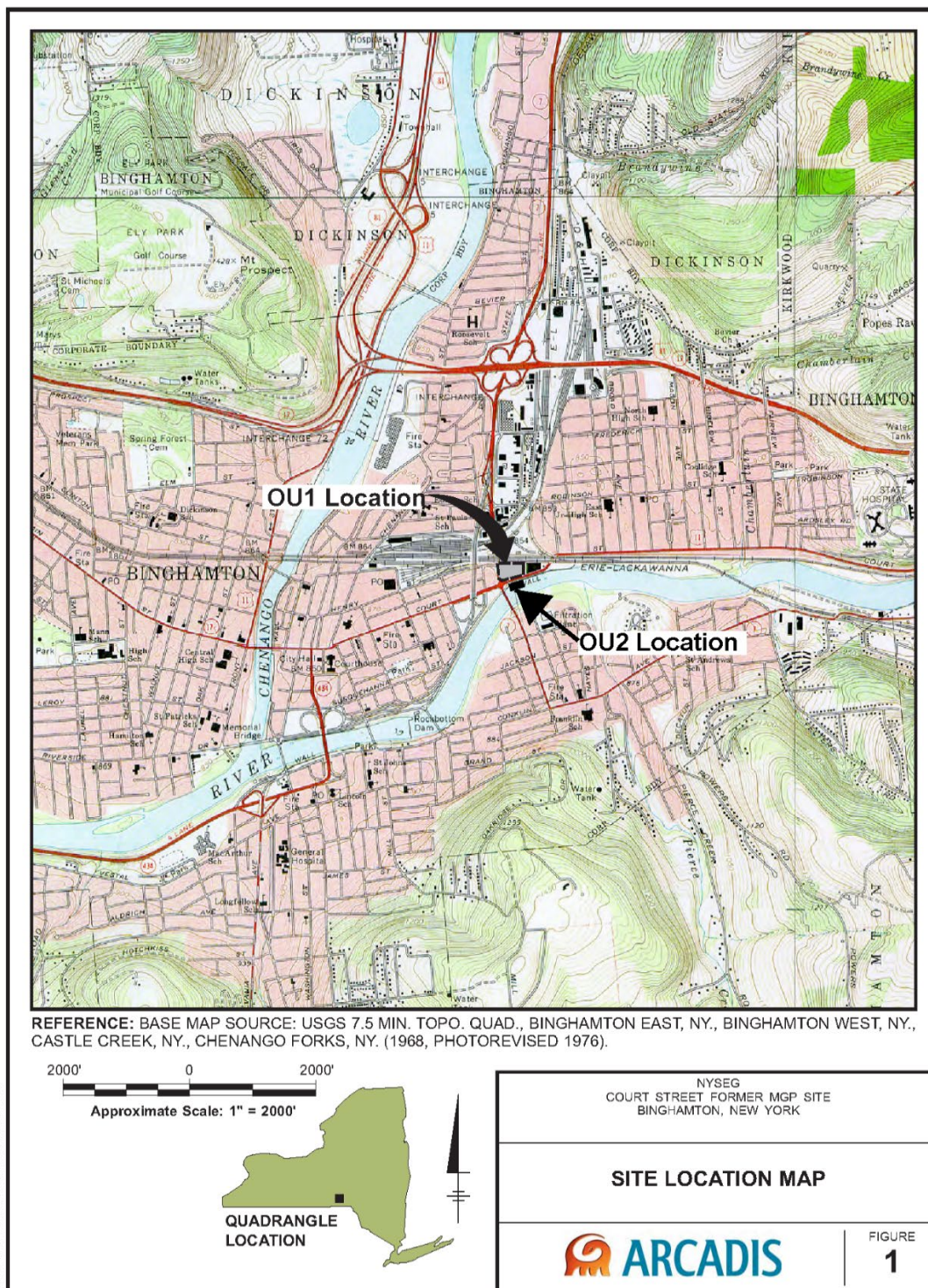
DECInfo Locator

Interactive map to access DEC documents and public data about the environmental quality of specific sites:

<https://www.dec.ny.gov/pubs/109457.html>

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Figure 1 - Site Location Map



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Figure 2 - IRM Excavation Area

