

Department of Environmental Conservation

Where to Find Information

Access project documents through the DECinfo Locator and at the following location: <u>Index</u> of /data/DecDocs/907015

James Prendergast Library 509 Cherry Street Jamestown, NY 14701 (716) 484-7135

Who to Contact

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

Project-Related Questions

Joshua Vaccaro, Project Manager NYSDEC 700 Delaware Avenue Buffalo, NY 14209 (716) 851-7220 joshua.vaccaro@dec.ny.gov

Project-Related Health Questions

Angela Martin NYSDOH Corning Tower Albany, NY 12237 (518) 473-4671 beei@health.ny.gov

For more information about New York's State Superfund Program, visit:

www.dec.ny.gov/chemical/8439.html

FACT SHEET

State Superfund Program

Essex; Hope Site 120 Hopkins/147 Blackstone Ave. Jamestown, New York Chautauqua County

SITE No. 907015 NYSDEC REGION 9

Amended Remedy Proposed for State Superfund Site; Public Comment Period and Public Meeting Announced

> Public Meeting, Thursday September 7, 2023 at 5:30 PM James Prendergast Library (Fireplace Room) 509 Cherry Street Jamestown, NY 14701

New York State Department of Environmental Conservation (NYSDEC) invites you to a public meeting to discuss the amended remedy proposed for the site. You are encouraged to provide comments at the meeting, and during the 30-day comment period which ends on September 15, 2023.

Location:

August 2023

To join the virtual meeting online on September 7, 2023 at 5:30 p.m.:

- Link for Attendees : <u>https://meetny.webex.com/meetny/j.php?MTID=m0a4c1dd3fbdb27</u> <u>ac06ca2dd19ee1e732</u> and click "Join"\
- Event Number: 1613 25 9362
- Password (if prompted): 8J5eNmYCqB3

To join by phone:

- Dial: 1-518-549-0500
- Access Code: 1613 25 9362#
- Press # again in lieu of an attendee I.D. number

For information on how to participate in a virtual meeting, go to <u>https://www.dec.ny.gov/public/51805.html</u>

NYSDEC will provide interpreter services for hearing impaired persons and language interpreter services for individuals with difficulty understanding or reading English at no charge upon written request submitted no later than 2 weeks prior to meeting date. For interpreter service requests, please contact Joshua Vaccaro by phone at (716) 851-7220 or email at joshua.vaccaro@dec.ny.gov.

The public is invited to comment on an amended remedy being proposed by the NYSDEC in consultation with the New York State Department of Health (NYSDOH) to address contamination related to the Essex; Hope site ("site") located at 120 Hopkins Avenue and 147 Blackstone Avenue, Jamestown, Chautauqua County. Please see the map for the site location. The estimated cost to implement the remedy is \$6,700,000. Once the remedy has been finalized, the responsible party, Dow Chemical (formally known as Essex Specialty Products) intends to implement the remedy under NYSDEC oversight.

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How to Comment: NYSDEC is accepting written comments about the proposed amended remedy, detailed in the proposed Record of Decision (ROD)Amendment, for 30 days, from August 16 through September 15, 2023.

- Access the proposed ROD Amendment and other project documents online through the DECinfo Locator: <u>https://www.dec.ny.gov/data/DecDocs/907015/</u>.
- 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 listed as a Class "4" site in the State Registry of Inactive Hazardous Waste Sites (list of State Superfund sites). A Class 4 site requires continued site management consisting of operation, maintenance and/or monitoring. NYSDEC is proposing the amended remedy to improve site conditions and achieve remedial goals in a shorter period of time.

Site Description: The 4.7-acre site is bordered on the north by Hopkins Avenue, on the south by Blackstone Avenue, Angove Avenue to the west, and an industrial building to the east. The site consists of several former manufacturing and storage buildings surrounded by paved areas.

NYSDEC developed the proposed amendment to the previously selected remedy after reviewing a predesign investigation report and evaluating the supplemental remedial options in the "Focused Feasibility Study" (FFS) submitted under New York's State Superfund Program by Dow Chemical ("remedial party").

New Information Obtained: The 1994 ROD selected a remedy to clean up the Essex; Hope Site. At that time, the focus of the remedy was primarily on source area soil removal, groundwater recovery and treatment, and the use of air sparging along with vapor phase vacuum extraction of the unsaturated soils. Several supplemental environmental investigations and remedial measures have been completed since the execution of the 1994 ROD. These include, two pilot studies utilizing zero valent iron (ZVI) and biochemical oxidation injections to remediate contaminated soil and groundwater, the removal of five (5) underground storage tanks (USTs), the use of chemical oxidation via injections, and the removal of three (3) drywells.

Since the issuance of the 1994 ROD, there have been multiple follow-up investigations. These investigations have redefined the understanding of the local geology and the extent of onand off-site contamination. The FFS was completed in April 2023 to evaluate additional remedial alternatives which could be used on-site to achieve standards, criteria, and guidance (SCG) goals in a shorter period of time.

Proposed Amendment to the March 1994 Record of Decision: The proposed remedy for the site includes:

- Treating soil and groundwater contaminated with chlorinated solvents via in-situ thermal treatment;
- Treatment of petroleum impacted groundwater through injection of chemical oxidants into the groundwater;
- Implementing a Health and Safety Plan and Community Air Monitoring Plan during all ground intrusive activities; and
- Revisions to the Site Management Plan (SMP) for long term maintenance of the remedial systems.

Next Steps: NYSDEC will consider public comments as it finalizes the amended remedy for the site. The selected remedy will be described in a document called an "Amended Record of Decision" that will explain why the amended 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.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's Environmental Site Remediation Database by entering the Site No. 907015 at: <u>Environmental Site Remediation</u> <u>Database Search</u>

State Superfund Program: New York's State Superfund Program (SSF) identifies and characterizes suspected inactive hazardous waste disposal sites. Sites that pose a significant threat to public health and/or the environment go through a process of investigation, evaluation, cleanup and monitoring. NYSDEC attempts to identify parties responsible for site contamination before committing State funds for investigation and cleanup.

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 Essex; Hope Site (Site No.: 907015)

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Site Location





- used when available, supplemented with October 2020, September 2019, November 2018, March

ethylbenzene, and total xylene concentrations. total CVOCs = total chlorinated volatile organic compounds (sum of tetrachloroethene, trichloroethene,

Essex/Hope Site, Jamestown, New York

FIGURE 2 Alternative 4: In-Situ Thermal Treatment of the CVOC Area and In-Situ Chemical **Oxidation of the Petroleum Area** Focused Feasibility Study

ATED BY: AE	¹ ocobc
EWED BY: DR	Jacobs



Kathy Hochul, Governor | Basil Seggos, Commissioner

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Contact: Joshua Vaccaro, (716) 851-7220, and Joshua.vaccaro@dec.ny.gov		