FACT SHEET

State Superfund Program

Olin Corporation – Chemicals Group
100 McKee Road
Rochester, NY 14611

SITE No. 828018A
NYSDEC REGION 8

June 2021

Cleanup Action Underway at State Superfund Site

Action is underway that will address contamination related to the Olin Corporation – Chemicals Group site (Arch Chemicals), which is located at 100 McKee Road, Rochester, Monroe County under New York's State Superfund Program. Please see the map for the site location. The cleanup activities are being performed by Arch Chemicals ("remedial party") with oversight provided by the New York State Department of Environmental Conservation (NYSDEC).

Remedial activities began in June 2021 and will last several weeks. The estimated cost to implement the remedy is $7 million. The site is listed as a Class "2" site in the State Registry of Inactive Hazardous Waste Sites (list of State Superfund sites). A Class 2 site represents a significant threat to public health or the environment; action is required.

- Access project documents online through the DECinfo Locator: https://www.dec.ny.gov/data/DecDocs/828018A/ .
- Documents also are available at the location(s) 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:

- Expanding the existing groundwater recovery system with the installation of a horizontal extraction well beneath the contaminant source area;
- Pump tests to determine optimal pumping rates for the new horizontal well and to optimize the current groundwater treatment system;
- Modifying the existing groundwater treatment system, as necessary, to handle new groundwater recovery rates and contaminant concentrations;
- Implementing a Site Management Plan (SMP) for long-term maintenance of the remediation system, regulating any future site excavations, and future upgrades to the facility;
- Implementing a Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) during all ground intrusive activities*; and
- Recording an Environmental Easement to ensure proper use of the site.

*The HASP and CAMP establish procedures to protect workers and residents and include required air monitoring as well as dust and odor suppression measures.

NEW YORK STATE | Department of Environmental Conservation

Where to Find Information

Access project documents through the DECinfo Locator and at these location(s):

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https://www.dec.ny.gov/data/DecDocs/828018A/
and at these location(s):
*(*Repositories may be unavailable due to COVID-19 precautions. If you cannot access the online repository, please contact the NYSDEC project manager listed below for assistance)*

Rochester Public Library
956 Lyell Avenue
Rochester, New York 14606
(585) 428-8218

New York State Department of Environmental Conservation – Region 8 Headquarters
6272 East Avon-Lima Road
Avon, New York 14414
(585)226-2466

Who to Contact:
Comments and questions are always welcome and should be directed as follows:

Project-Related Questions
Todd M. Caffoe, P.E., Project Manager
NYSDEC
6274 East Avon-Lima Road
Avon, New York
(585) 226-5350
todd.caffoe@dec.ny.gov

Project-Related Health Questions
Melissa Doroski, MPH
NYSDOH
Bureau of Environmental Exposure Investigation
Empire State Plaza, Corning Tower
Albany, NY 12237
518-402-7860
beei@health.ny.gov

For more information about New York's State Superfund Program, visit:
www.dec.ny.gov/chemical/8439.html

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Next Steps: After cleanup activities are completed, the remedial party will prepare a Final Engineering Report (FER) for review by NYSDEC. The FER will describe the cleanup activities completed and certify that cleanup requirements have been achieved or will be achieved.

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

Site Description: This site is an active chemical manufacturing facility. There are several buildings, process areas, and tanks throughout the site along with an active railroad spur. Nearby features include the Erie Canal, approximately 1,000 feet west; and a quarry in the Town of Gates, approximately 4,000 feet southwest of the site.

Industrial use of the site began in 1948 for the manufacture of automotive specialty products (e.g., brake fluids, polishes, anti-freeze). In the early 1960s, production of specialty organic chemicals began. In 1999, Olin Corporation spun off its specialty chemicals business to form an independent company known as Arch Chemicals, Inc. (Arch). The Arch Rochester plant is the sole manufacturer of chloropyridines in the United States. The primary product line is a biocide, used in anti-dandruff shampoos and by the metalworking industry. Other products include more than 60 specialty organic chemicals used in personal care products, crop protection, rubber and plastic additives, and the textile industry.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's Environmental Site Remediation Database (by entering the site ID, 828018A at:

https://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=3

Summary of the Investigation: The primary contaminants of concern at the site are chlorinated volatile organic compounds (VOCs) and chloropyridines. Groundwater contaminated with these chemicals extends into bedrock and has been detected off-site. VOC contamination is limited to within 300 feet of the site. Chloropyridines have migrated off-site in deep bedrock groundwater beneath the Erie Canal, and have been detected at low levels at the nearby quarry.

There is currently a groundwater recovery and treatment system on-site which has been in operation since 1985. The system was expanded in the 1990s and the early 2000s to its current configuration. Contaminated groundwater is pumped from several extraction wells, and it is treated on-site prior to discharge to the sanitary sewer system. On-site and off-site groundwater and surface water are monitored on a semiannual basis. Historic monitoring data show that chloropyridines were detected in the quarry water discharging to the Erie canal. Levels of chloropyridines have decreased significantly over the last decade, and they are no longer detected at the discharge to the Erie Canal. Levels of chloropyridines at the quarry have also decreased significantly.

Chloropyridines are specialty organic chemicals that are solely manufactured at this site. They are used in the manufacture of personal care products and by other industries. Chlorinated VOCs are a class of organic chemical that easily evaporate into the air.

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 and require cleanup before committing State funds.

For more information about the SSF, visit:
https://www.dec.ny.gov/chemical/8439.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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Arch Chemical Site 828018a
Site Location