



Department of  
Environmental  
Conservation

# FACT SHEET

## State Superfund Program

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

February 2019

**SITE No. 828018a**  
**NYSDEC REGION 8**

### **Where to Find Information:**

*Project documents are available at the following location(s) to help the public stay informed.*

**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](mailto: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](mailto:beei@health.ny.gov)

**For more information about New York's  
State Superfund Program, visit:**  
[www.dec.ny.gov/chemical/8439.html](http://www.dec.ny.gov/chemical/8439.html)

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

**Public Meeting, Monday 3/18/19 at 6:00 PM**  
**Rochester Public Library, 956 Lyell Avenue, Rochester, NY 14606**

NYSDEC invites you to a public meeting to discuss the remedy proposed for the site. You are encouraged to provide comments at the meeting, and during the 30-day comment period described in this fact sheet.

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 Olin Corporation-Chemicals Group (Arch Chemicals) site ("site") located at 100 McKee Road, Rochester, New York, Monroe County. Please see the map for the site location. Documents related to the cleanup of this site can be found at the location(s) identified to the left under "Where to Find Information." The estimated cost to implement the remedy is approximately \$7 million.

**How to Comment:** NYSDEC is accepting written comments about the proposed plan for 30 days, from **February 27** through **March 29, 2019**. The proposed plan is available for public review 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 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.

**Proposed Remedial Action Plan:** The remedy proposed for the site includes:

- Expanding the existing groundwater recovery system with the installation of horizontal extraction wells;
- Expanding the existing groundwater treatment system to handle increased groundwater recovery rates;
- Modification of the previous Record of Decision-selected remedy based on changes in environmental conditions and the current proposal. These modifications include elimination of an off-site recovery well near the quarry in the Town of Gates, and elimination of the shallow groundwater recovery trench on the southern site boundary;
- Implementing a Health and Safety Plan and Community Air Monitoring Plan during all ground intrusive activities;
- 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; and

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- Recording an Environmental Easement to ensure proper 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 Addendum" submitted under New York's State Superfund Program by Lonza Corporation, the current owner and "remedial party" for the site.

**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 "Record of Decision" 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:** 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 (about 1000 feet west) and a quarry in the Town of Gates (about 4000 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, and specialty organic chemicals). 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:

<http://www.dec.ny.gov/cfm/externalapps/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 contamination 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 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 discharge 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.

People are not drinking contaminated groundwater associated with the site because the area is served by a public water supply that obtains its water from a different source not affected by this contamination. Sampling indicates a concern for inhalation of site related contaminants due to soil vapor intrusion at buildings on-site. Based on the current use of the site, actions to address on-site soil vapor intrusion are deferred for future development or if the current use of the site changes. In addition, sampling indicates soil vapor intrusion is not a concern for off-site buildings.

**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.

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For more information about the SSF, visit:

<http://www.dec.ny.gov/chemical/8439.html>

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*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.*

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### **Receive Site Fact Sheets by Email**

Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs at:

[www.dec.ny.gov/chemical/61092.html](http://www.dec.ny.gov/chemical/61092.html)

It's quick, it's free, and it will help keep you better informed. As a listserv member, you will periodically receive site-related information/ announcements for all contaminated sites in the county(ies) you select.

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

# Arch Chemical Site 828018a Site Location

