



Department of
Environmental
Conservation

FACT SHEET

State Superfund Program

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

April 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

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

Notice of Availability: Record of Decision

The New York State Department of Environmental Conservation (NYSDEC) announces that the printed Record of Decision (ROD) for the Olin Corporation – Chemicals Group (“site”) located at 100 McKee Road, Rochester, Monroe County is available for public review at the location(s) identified to the left under "Where to Find Information."

On Monday March 18, 2019 NYSDEC held a public meeting presenting the Proposed Remedial Action Plan for the site. The comments received at this meeting and during the public comment period (February 27, 2019 through March 29, 2019), along with the administrative record, were considered in preparing the final ROD for the site. The ROD presents the remedy selected to address contamination related to the site and the rationale for the chosen remedy. The ROD also includes a Responsiveness Summary that addresses public comments received about the proposal. The estimated cost to implement the remedy is approximately \$7 million.

Record of Decision: The following is a summary of the selected remedy described in the ROD:

- 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 previously selected remedy in the 2002 Record of Decision (ROD). 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
- Recording an Environmental Easement to ensure proper use 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.

STATE SUPERFUND PROGRAM

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/xtapps/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.

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.

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.

For more information about the SSF, visit:

<http://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.

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

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



Erie Barge Canal

Arch Chemical Site

Quarry

Arch Chemical Site

Monroe County
New York

0 0.125 0.25 0.5 0.75 1 Miles