



Department of
Environmental
Conservation

FACT SHEET

Schenectady International
Rotterdam Junction
Operable Unit 1
1000 Route 5S
Rotterdam Junction, NY

SITE No. 447001
NYSDEC REGION 4

October 2018

Where to Find Information:

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

Schenectady County Public Library
99 Clinton St
Schenectady, NY 12305
(518) 388-4500
Call for hours

NYSDEC, Region 4 Office

1130 N. Westcott Rd.
Schenectady, NY 12306
Call in advance: (518) 357-2349
Hours: Mon. to Fri. 8AM to 4 PM

Who to Contact:

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

Project Related Questions

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1130 N. Westcott Rd.
Schenectady, NY 12306
(518) 357-2349
kevin.sarnowicz@dec.ny.gov

Public Health Questions:

Scarlett McLaughlin
NYSDOH
Empire State Plaza
Corning Tower Room 1787
Albany, NY 12237
(518) 402-7860
bee@health.ny.gov

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

NYSDEC Selects Statement of Basis for Corrective Action Permit

The New York State Department of Environmental Conservation (DEC) has issued the renewal of the hazardous waste permit under the Resource Conservation Recovery Act (RCRA) Corrective Action Program that will incorporate the Statement of Basis, or cleanup plan, for the Schenectady International Group Facility located at 1000 Route 5S, Rotterdam Junction, Schenectady County. (*See Figure 1*)

The public comment period on the draft Statement of Basis ended on June 18, 2018, and no comments were received.

DEC has determined that SI Group's draft hazardous waste permit application is complete and has made a determination to renew their existing corrective action permit. The corrective action permit, which was issued on August 31, 2018, includes the final Statement of Basis, signed by DEC on August 22, 2018; requires SI Group to complete the design and construction of the remedial alternative selected in the Statement of Basis; and requires SI Group to provide financial assurance for facility closure, as well as continue the funding of an on-site DEC monitor.

The site has been divided into two Operable Units (OUs). 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. The focus of the recently issued Statement of Basis is Operable Unit 1 (OU1), which is defined as the east side of the facility, and includes select portions of the facility identified as Areas 2, 5, 7, 21, 22 and the septic system associated with Buildings 9 and 37. OU1 consists of approximately half of the site area and comprises approximately two thirds of chemical manufacturing process area. (*See Figure 2*)

The Statement of Basis selects the following remedial approach for Operable Unit No. 1:

- Soil containing high concentrations of contamination which is accessible, will be excavated and properly disposed of off-site;
- Soil containing high concentrations of contamination that is located deeper and is inaccessible (*e.g.*, because it is near the subsurface barrier wall) will be solidified in place by grouting;
- Soil that is accessible, and does not possess high concentrations of contamination, will be treated by soil vapor extraction, which involves the extraction of contaminated soil vapors by added vacuum and treatment prior

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to discharge; and

- Contamination at or near the ground surface located in areas that are inaccessible or where infrastructure does not allow for removal, will be covered with a protective cover in order to prevent direct contact to on-site workers.

Contaminated groundwater is prevented from leaving the site by a groundwater collection system, which was constructed as an interim remedial measure. The system includes a subsurface barrier wall and groundwater extraction wells. Groundwater is pumped to the on-site wastewater treatment plant, where it is treated. Groundwater monitoring is conducted to ensure this system operates as designed. Groundwater contamination will also be addressed through monitored natural attenuation (MNA). MNA is the monitoring of groundwater with low levels of contamination to ensure that these residual levels decrease naturally over time.

Any remaining areas of the site, which includes both OU1 and OU2, not addressed under the RCRA Corrective Action Program, will be investigated under the State Superfund Program. A Proposed Remedial Action Plan on these remaining areas will be distributed for public comment at a later date.

Next Steps:

With its receipt of the Statement of Basis, the remedial party is responsible to implement the selected corrective action.

A Corrective Action Permit may be modified or revoked if, for example, there is a failure to comply with the terms of the permit or failure to implement the Statement of Basis.

Site Description and Background: The SI Group Rotterdam Junction site is located at 1000 Route 5S, Rotterdam Junction, Schenectady County. The site is located adjacent to the Mohawk River and is in the Mohawk River Valley flood plain. The area surrounding the site consists predominantly of residential property and some light commercial property. The SI Group Rotterdam Junction facility is an active chemical manufacturing facility, entirely fenced and monitored by 24-hour security and encompasses approximately 21 acres. OU1

consists of approximately half of the site area and approximately two thirds of the chemical manufacturing processes area. Phenolic resin is produced on this portion of the facility. The primary site features for OU1 are buildings that contain the equipment for the chemical manufacturing processes; three tank farms that include hazardous waste holding tanks; a railcar unloading area; a warehouse; a powder plant; a boiler house; two cooling towers; and the wastewater treatment plant.

Additional site details, including environmental and health assessment summaries, are available on DEC's Environmental Site Remediation Database (by entering the Site ID, 447001) at:

<http://www.dec.ny.gov/cfm/externalapps/derexternal/index.cfm?pageid=3>

RCRA Corrective Action Program: The Resource Conservation Recovery Act (RCRA) identifies and characterizes suspected areas of concern and solid waste management units at sites where hazardous materials were known to be used or stored and may have impacted the environment.

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 available at the following web page:

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.

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Site Location Map



