

fact sheet. hw 734053. 1996-05.
pdf

NEW YORK STATE
DEPARTMENT OF



ENVIRONMENTAL
CONSERVATION

This Fact Sheet provides an update on activities at this site. If you have any questions or would like further information, please contact:

Mr. Steven Scharf,
Project Engineer, NYSDEC
50 Wolf Road
Albany, NY 12233-7010
(518)457-4343

Susan Miller,
Citizen Participation Specialist
NYSDEC
615 Erie Boulevard West
Syracuse, NY 13204-2400
(315)426-7400

For Site Related health questions
contact the New York State
Department of Health
(NYSDOH) staff:

Gary Robinson
NYSDOH-Syracuse
(315)426-7612

Ms. Sue Van Patten
Health Liaison Program
NYSDOH-Albany
1(800)458-1158, ex. 402

Syracuse China Site
Site No. 7-34-053

FACT Sheet

May 1996

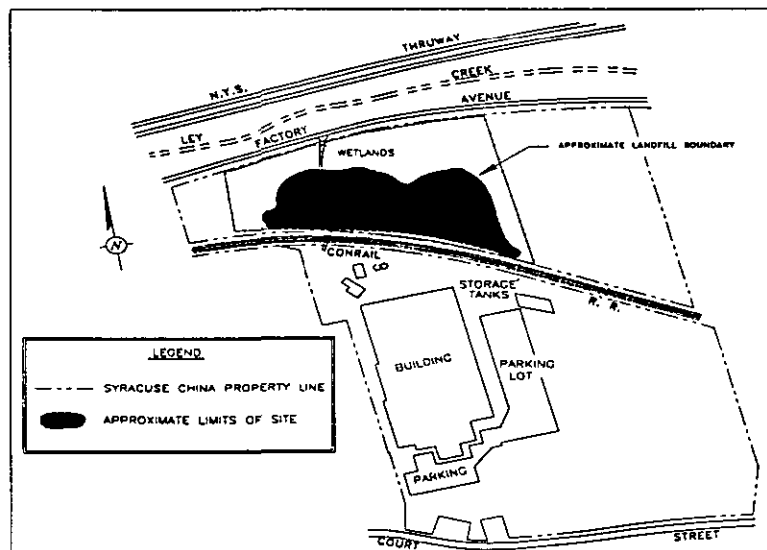
Record of Decision Signed for the Syracuse China Site

The New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH) announce a record of Decision (ROD) for the Syracuse China Site. There was an extensive Remedial Investigation (RI) and Feasibility Study (FS) conducted for this site. The ROD is the culmination of the RI/FS process.

Site Description: The Syracuse China Site (Site No. 7-34-053) is an active china manufacturing facility located in the Town of Salina near the City of Syracuse. The actual site is the landfill located to the north of the Syracuse China manufacturing facility and the Conrail tracks, south of Factory Ave and set between open Syracuse China property to the east and west. Part of this area is also a NYSDEC regulated wetland.

The Syracuse China Landfill is comprised of two sections, the eastern and western half. The eastern half is a low lying fill area that contains the wastewater settling ponds, dried settling pond sludge and Syracuse China manufacturing waste. The western half is the major fill area as thick as 25 feet that contains Syracuse China manufacturing wastes, settling pond sludge and a relatively small amount of pre- 1970 municipal waste.

In March, 1991 the NYSDEC added the Syracuse China landfill to the NYS Registry of Inactive Hazardous Waste Disposal Sites as a Class 2 site because the presence of the settling pond sludge contain hazardous waste. A class 2 designation indicates the NYSDEC considers the site a significant threat to public health or the environment and action is required.



Remedial Investigation and Feasibility Study (RI/FS): The purpose of the RI was to define the type of any hazardous waste contamination resulting from historic operations at the site. The Syracuse China Corporation conducted an RI between November, 1994 and August, 1995. A report entitled "Remedial Investigation Report, Syracuse China Landfill, Syracuse, New York" has been prepared describing the field activities and detailed findings. Additional RI Reports are the "Report on the Geophysical Survey," "Report on the Exploratory Test Pits," and "Fish and Wildlife Impact Analysis of the Syracuse China Landfill."

Overall, the RI found elevated levels of lead and to a less extent arsenic, cadmium, chromium, copper, iron, mercury, silver and zinc in the settling pond sludge, landfill waste, the adjacent wetland sediments, surface and/or groundwater. Once the RI was completed, Syracuse China prepared a Feasibility Study (FS) to evaluate alternatives to remediate the environmental contamination found in the RI and to meet the regulatory requirements of closing the Syracuse China Landfill.

Based on the findings of the RI, the FS was prepared with the purpose of screening various remedial alternatives and identifying the most suitable remedy. Using the RI/FS the State selected a remedy, detailed in the March, 1996 ROD for the Syracuse China Site.

SELECTED REMEDY: The selected remedy was first presented to the public in the February 1996 Proposed Remedial Action Plan (PRAP). Public comments and responses to the comments on the PRAP can be found in the Responsiveness Summary of the Record of Decision (ROD). The public favored the selected remedy.

Based upon the results of the Remedial Investigation/Feasibility Study (RI/FS) for the Syracuse China Site and the criteria identified for evaluation of alternatives the March 1996 ROD has selected capping of the landfill consistent with the requirements of 6 NYCRR Part 360, a groundwater interception system to lower the groundwater table to prevent leaching from the fill, and the excavation and consolidation into the capped landfill of; fill from the eastern landfill area, sludge from the treatment ponds, and the contaminated wetland sediments. The components of the remedy are as follows:

- Excavation and consolidation of the contaminated settling pond sledge and fill materials, located beyond the cap boundary in the eastern portion of the landfill, into the area to be capped.
- Excavation and consolidation under the cap of approximately 1.3 acres of the landfill to restore the Class 2 wetland to original area prior to encroachment by the landfill.
- Excavation and consolidation under the cap, of the contaminated wetland sediments in an approximately ten acre area. This area and the depth of contamination will be further defined during the pre-design phase of the project. Remediated wetland areas will be re-vegetated to control erosion.
- Installation of an upgradient groundwater interception system, which will be designed to intercept groundwater passing through the fill and lower the water table below the fill, or other appropriate system to prevent leaching of lead from the fill material into the groundwater.
- Capping of the landfill consistent with the applicable requirements of 6 NYCRR Part 360, which will include but not be limited to: 1) installation of a 40 mil. Geomembrane liner cap; 2) 24 inches of barrier protection; 3) six inches of top soil; 4) installation of surface drainage, and; 5) performance of explosive gas and hydrogen sulfide generation surveys, and if necessary, design of a landfill gas collection system based on these results. The cap will be designed so that no additional encroachment on the wetland will result.

DOCUMENT REPOSITORY: The public is encouraged to review the ROD and other site related documents which are available for public review at the following locations:

The Salina Free Library
100 Belmont Street
Mattydale, NY 13221
(315)454-4524
Call For Hours

NYSDEC Region 7 Headquarters
615 Erie Boulevard West
Syracuse, NY 13204-2400
Susan Miller, Citizen Participation
Specialist

NYSDEC Central Office
50 Wolf Road Room 242
Albany, NY 12233-7010
Steven M. Scharf, P.E.

END

OF

DOCUMENT