



Department of
Environmental
Conservation

Where to Find Information

Access project documents through the DECinfo Locator and at locations listed at the end of this document.

Who to Contact

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

Project-Related Questions

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For more information about New York's
State Superfund Program, visit:

www.dec.ny.gov/chemical/8439.html

FACT SHEET

State Superfund Program

Wastebeds 1-8 Site

Subsite of Onondaga Lake Site

Town of Geddes

Onondaga County, NY

SITE No. 734081

NYSDEC REGION 7

March 2020

Wastebeds 1-8 Operable Unit 1 Cleanup Construction Update

The New York State Department of Environmental Conservation (DEC) is providing this fact sheet to inform the public about ongoing and upcoming remedial activities on the Wastebeds 1-8 Site (site) in the vicinity of the Onondaga County West Shore Trail Extension (trail), New York State Fair Orange Lot, and the St. Joseph's Health Amphitheater at Lakeview (amphitheater). Please see the attached map for the site location and the approximate areas within the site where this work will be performed this year.

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 and requires action.

- Access project documents online through the DECinfo Locator: <https://www.dec.ny.gov/data/DecDocs/734081/>.
- Documents also are available at the locations identified at the end of this document under "Where to Find Information."

Highlights of Remedy Selected in the Operable Unit 1 Record of Decision

The cleanup plan, which is outlined in the 2014 Operable Unit (OU) 1 Record of Decision (ROD), includes placement of a cover system for current and reasonably anticipated future land uses (e.g., active and passive recreational uses). In general, the remedy consists of one- and two-foot-thick soil covers in designated areas. Other designated areas of the site will be covered with a vegetation enhancement layer (e.g., mulch) to promote growth of vegetation. A Site Management Plan, monitoring, and institutional controls are also included in the cleanup plan. The cleanup is being performed by Honeywell with DEC oversight.

Work Completed to Date

The OU1 remedy includes placement of cover over approximately 171 acres. The OU1 remedy is being implemented in multiple phases because of cover material availability, cover placement rates, planting seasons for vegetation, and site use. To date, covers placed include:

- Approximately 40 acres of one- and two-foot cover installed by Onondaga County during construction of the amphitheater and associated facilities;
- Fifty-two acres of vegetative enhancement cover;
- Nine acres of one-foot vegetative structural fill cover; and
- Five acres of one-foot vegetative cover.

In addition, although not part of the remedial activities, approximately 70 acres of the New York State Fair Orange Parking Lot were paved.

Next Steps

There are approximately 65 acres of the site remaining that may require placement of cover. It is anticipated that this work will be completed this year by Honeywell, the responsible party for the site, with DEC oversight. Some of the work will be adjacent to the Orange Lot and trail with site workers and construction equipment operating nearby. Site controls (e.g., fencing, signs) and monitoring will be implemented to protect the public during this work. The trail will not close during construction, rather site workers will be present to coordinate stopping work and ensuring the safety of trail users.

The remaining areas of the site that require cover material include:

- The biosolids area (two-foot cover);
- Limited areas along the trail (one-foot cover); and
- Vegetative enhancement in several areas.

In areas where cover placement is necessary, site preparation work will be performed, including some vegetation and tree clearing (see attached figure for approximate locations). Additionally, clean materials (e.g., soil, mulch) will be imported and stockpiled at the site. Clearing and stockpiling of clean materials has already commenced.

Site Description

The site, located on the southwestern shore of Onondaga Lake in Geddes, is situated between the New York State Fairgrounds and the shoreline of Onondaga Lake. The outlet of Ninemile Creek defines the western boundary of the site, while the eastern end of the site is generally bounded by roadways.

Site Features:

The 404 acre site includes eight irregularly shaped wastebeds that extend roughly 1.5 miles along the shore, with a maximum width of 0.5 miles. The wastebeds consist primarily of Solvay waste, an inert material consisting largely of calcium carbonate, calcium silicate, and magnesium hydroxide generated at the former Solvay Process Main Plant as part of soda ash production. In some areas of the site over 60 feet of Solvay waste are present. A surface water drainage ditch runs along the southern and eastern site boundaries and discharges stormwater from roads, parking areas, and overland surface flow from the site to Ninemile Creek and Onondaga Lake. Site elevations range from approximately 363 feet above mean sea level (MSL) at the shore of Onondaga Lake to 430 feet above MSL. Contaminants include benzene, toluene, ethylbenzene, and xylenes (BTEX), assorted polycyclic aromatic hydrocarbons including

naphthalene, phenolic compounds, PCBs, pesticides, and inorganics.

Interstate 690 (I-690) and interchanges associated with NYS Route 695 (NY695), NYS Fairgrounds parking lots, parking lot access roads, and foot bridges bisect the site. Other infrastructure and development present at the site include an approximately 2.5-mile Onondaga County West Shore Trail Extension, the amphitheater, and a 20 acre closed, permitted landfill formerly operated by Crucible. An approximately 17 acre biosolids area used by the City of Syracuse and Onondaga County for sewage sludge disposal is located near the southeastern end of the site over portions of Wastebeds 1 and 2. Lakeview Point, which generally comprises Wastebed 6, forms one of the site's more prominent features a peninsula that extends into Onondaga Lake near the northern end of the site.

Current Use:

Approximately 80 acres of the site is used for State Fair parking and was recently paved. The site is also the location of an amphitheater and recreational trail constructed by Onondaga County. The surrounding area is a combination of highway right-of-way and industrial and commercial facilities.

Historic Use:

The wastebeds were constructed by predecessor companies of Honeywell from approximately 1916 to 1944 and are composed primarily of Solvay waste. Wastes such as benzene, toluene, xylene, naphthalene and phenols produced by Honeywell's predecessors at nearby sites may have also been disposed of in Wastebeds 1 through 8 with Solvay waste slurry or by alternate means.

Subsequent uses of the site included construction of a 1.2-mile section of I-690 prior to 1958, construction of the I-690 and NY695 interchange between 1973 and 1978, and operation of a landfill on a portion of Wastebed 5 by Crucible from 1973 to 1988. The former Crucible Landfill covers an area of approximately 20 acres and was closed with a cap in 1988. From 1925 to 1978, the City of Syracuse and Onondaga County used a portion of the wastebeds as a biosolids disposal area for municipal sewage sludge disposal.

Interim Remedial Measures (IRMs):

Interim measures to prevent migration of and exposure to contaminants completed at the site include:

- Installation of a shoreline stabilization system along a portion of the northern and eastern shoreline which included the installation of a vegetated onshore revetment along the steep cliffs to reduce erosion from wind-wave and ice action, and to provide habitat enhancement.
- Installation of groundwater trenches and passive recovery wells, seep collection trenches, and pump stations and associated force main piping along Ninemile Creek and

the eastern and northern shorelines. Collected groundwater and seep water are conveyed to the Willis Avenue Groundwater Treatment Plant (GWTP).

- Excavation of substrate and culvert cleaning in Ditch A; installation of a geosynthetic liner and approximately 5,500 linear feet of collection trench below the ditch; placement of approximately 5 acres of geosynthetic lining and groundwater seep collection systems in areas adjacent to the ditch; and treatment of collected water at the Willis Avenue GWTP or the Onondaga County Metropolitan Wastewater Treatment Plant.
- Mitigation of loss of wetlands, including construction of new aquatic habitat connected to Onondaga Lake and inland wetlands. Nine-and-a-half acres of mitigation wetlands have been constructed, of which 2.3 acres are connected wetlands and 7.2 acres are inland wetlands within the low-lying eastern shoreline.

FOR MORE INFORMATION

Additional site details, including environmental and health assessment summaries, are available on DEC's Environmental Site Remediation Database (by entering the site ID, 734081) at:

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

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.

DEC 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>

Where to Find Information

Project documents are available at the following locations to help the public stay informed.

Onondaga County Public Library Syracuse Branch
447 South Salina Street
Syracuse, NY 13204
(315) 435-1800

Solvay Public Library
615 Woods Road
Solvay, NY 13209
(315) 468-2441

Atlantic States Legal Foundation
658 West Onondaga Street
Syracuse, NY 13204
(315) 475-1170

New York State Department of Environmental Conservation
615 Erie Boulevard, West
Syracuse, NY 13204
(315) 426-7400

New York State Department of Environmental Conservation
Attn: Tracy A. Smith
625 Broadway
Albany, NY 12233
(518) 402-9676

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.

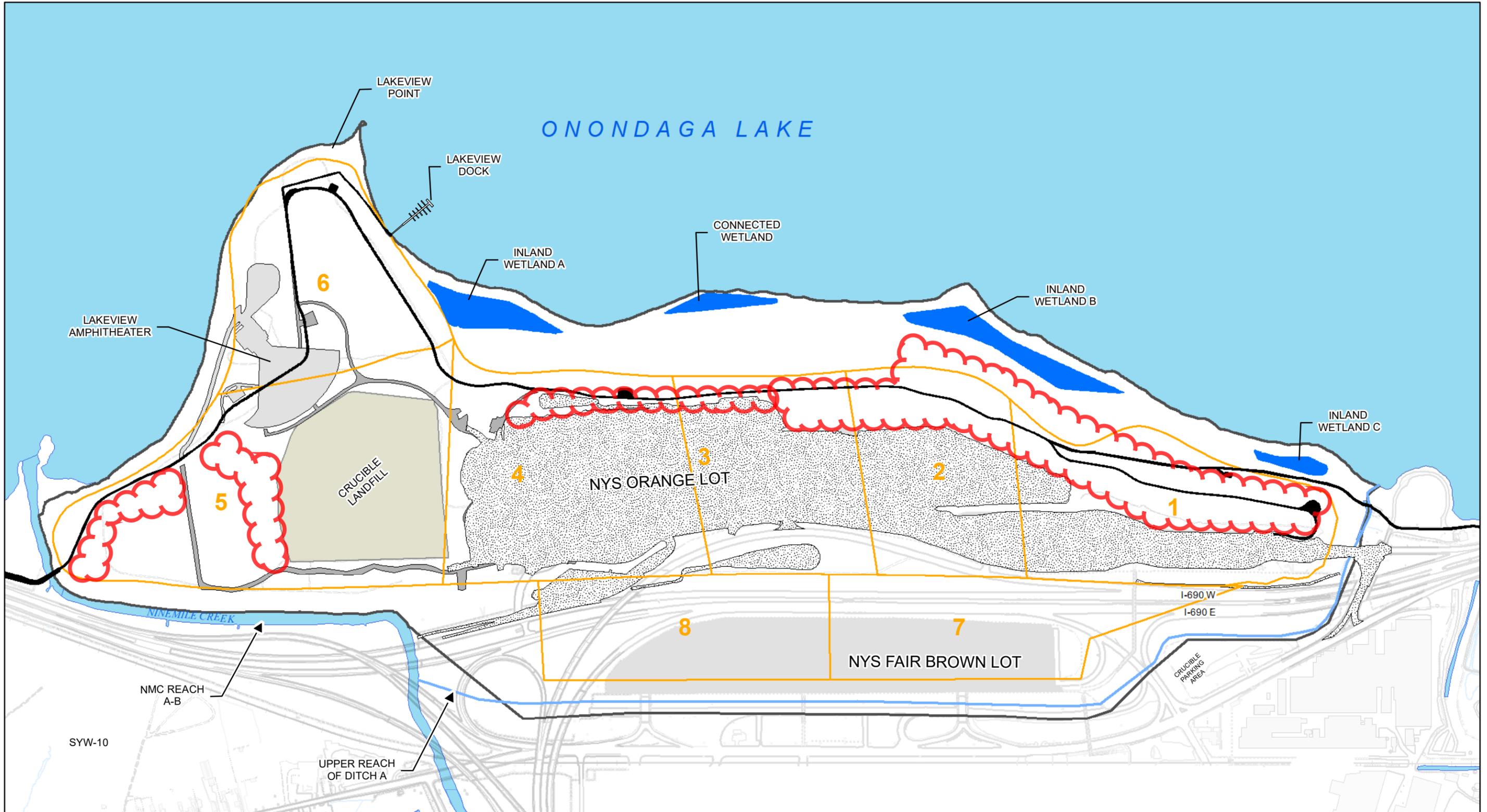
Stay Informed with DEC Delivers

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

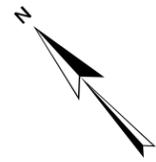
Interactive map to access DEC documents and public data about the environmental quality of specific sites: <http://www.dec.ny.gov/pubs/109457.html>



LEGEND

- WASTEBEDS 1-8 SITE
- APPROXIMATE WASTEBED BOUNDARY
- NYS FAIR BROWN LOT
- NYS FAIR ORANGE LOT
- 2020 APPROXIMATE WORK AREAS
- CRUCIBLE LANDFILL
- ACCESS PATHWAYS
- ONONDAGA COUNTY WEST SHORE TRAIL AND TRAIL EXTENSION¹
- MITIGATION WETLANDS
- AMPITHEATER BUILDING FOOTPRINT / LAWN

HONEYWELL
WASTEBEDS 1-8 SITE PLAN
SYRACUSE, NEW YORK



MARCH 2020



O'BRIEN & GERE ENGINEERS, INC.