Figure 3-1. Bathymetry and hypsographic curve (inset) for Onondaga Lake

Water surface elevation is 110.76 m.
Contours in meters.
Source: Exponent, 2001c
Figure 3-3. Monthly wind roses for Onondaga Lake during 1983 to 1992

Source: National Oceanographic and Atmospheric Administration hourly observations at Hancock International Airport, Syracuse, New York
Exponent, 2001c

LEGEND
- 0-2 meters per second
- 3-5 meters per second
- 6-17 meters per second

Percent calm shown in center of each wind rose (units are percentages of total observations)
Figure 3-4. Physiographic regions of New York State

Source: Berg (1963)
Exponent, 2001c
Figure 3-5. Onondaga Lake drainage basin

Source: Onondaga County (1971)
Exponent, 2001c
Figure 3-6
Monthly Average Elevations of Onondaga Lake

Reference: USGS, 2001
Figure 3-7
Monthly Temperature Profiles in South Basin 1992

Note: The profiles shown for May, June and July are the averages for two readings within the month, therefore, specific dates are not shown.
Figure 3-8. Fine-Grained Fraction and Total Organic Carbon Content of Surficial Sediments of Onondaga Lake in 1992
Figure 3-9. Approximate Location of In-lake Waste Mass and Approximate Historic Locations of East Flume

Area A

Area B

LEGEND

Approximate location of in-lake waste mass

10 acre grid

Bathymetry in meters

River feature

Road

Selected NYSDEC wetland

Source: Basemap from NYSDOT (no date), Modified from Exponent, 2001c.

0 1 2 Kilometers

0 0.5 1 Miles

0 1 2 Kilometers

0 0.5 1 Miles

Approximate Discharge Location of East Flume. 1938

Approximate Discharge Location of East Flume. 1951
Figure 3-10. Wetlands Surrounding Onondaga Lake Study Area

LEGEND

L1 Lacustrine (limnetic)
L2 Lacustrine (littoral)
PFO Palustrine (forested)
PSO Palustrine (scrub-shrub)
PUB Palustrine (unconsolidated bottom)
R2 Riverine (low perennial)

SYW-14 NYSDEC wetland identification code

Source: Base map from NYSDOT (no date)
Exponent, 2001c

NYSDEC wetlands
Two-mile (3.2-km) extent around Onondaga Lake study area
Sequential number corresponding to BERA Table 3-3

SYW-1 NYSDEC wetland identification code
Figure 3-11. Covertypes within 0.5 miles (0.8 km) of the Onondaga Lake Study Area

Legend

- Agriculture
- Emergent Marsh
- Floodplain Forest
- Inland Salt Marsh
- Inland Salt Pond
- Mowed Lawn/Structure
- Open Water
- Paved/Structure
- Successional Habitat
- Successional Northern Hardwood
- Snet Residue Ponds
- Unpaved Roadside/Vacant Lot
- Wasted Bed Undeveloped
- Solvay Wasted Bed
- Study Area