

EXECUTIVE SUMMARY

The Western Long Island Sound dredged material disposal site (40 degrees 59.34'N, 73 degrees 29.21'W), shown in Figure 1.0-1, has been used for dredged materials from small harbors in the western portions of Long Island Sound during two major periods of disposal. From March through May, 1982, 40606m³ of dredged material were disposed and from December, 1982 through March, 1983, approximately 71,000m³ were disposed. DAMOS surveys at the disposal site during and between the two disposal operations are described in DAMOS Contribution #27.

In August and September, 1983, a detailed survey of the disposal area was conducted. Using precision navigation control, a bathymetric survey was done, along with a REMOTS survey and diver observations. This report documents the information collected on these surveys and compares the bathymetric and REMOTS survey data to those collected in January 1982.