

EXECUTIVE SUMMARY

The Eastern Long Island Sound Disposal Site (or New London Disposal Site) is one of two active disposal sites in Long Island Sound and is located two miles south of the mouth of the Thames River (Fig. 1-1). During 1977-1979, more than 1.6 million cubic yards of dredge material from the Thames River were deposited at this site: the bulk of which was dumped from September 1977 to May 1978.

During the present monitoring project, a further 3.6 million cubic yards of dredge materials were placed at this site from March 1979 to November 1981. Figure 1-2 summarizes disposal activities at the site. As can be seen, approximately 400,000 cubic yards of materials were dumped during the period from May 29, 1979 to December 27, 1980. This disposal operation overlapped another major disposal activity at New London Disposal Site. This second operation was initiated on December 12, 1979 and temporarily halted on January 10, 1980 after approximately 2 million cubic yards of materials were deposited. The project was resumed on October 10, 1980 and terminated on January 15, 1981 when an additional 900,000 cubic yards of materials were deposited at the site. The remaining 400,000 cubic yards were contributed by miscellaneous small dredging projects from adjacent areas of New London Harbor.