

GREAT SOUTH BAY STORM WATER INVENTORY & ANALYSIS PROGRAM TOWN OF ISLIP

**ENVIRONMENTAL
PLANNING
CONSULTING**

**FEASIBILITY & DUE
DILIGENCE ASSISTANCE
REGIONAL & SITE
PLANNING
ECONOMIC PLANNING
ENVIRONMENTAL SITE
ASSESSMENT
ENVIRONMENTAL SCIENCE
& ANALYSIS
WETLAND PERMITTING
STORM WATER
MANAGEMENT PLANS
WATERFRONT & COASTAL
ZONE PROJECTS
MAPPING
WATERSHED MANAGEMENT
& WATER SUPPLY
PERMITTING & PROCESSING**

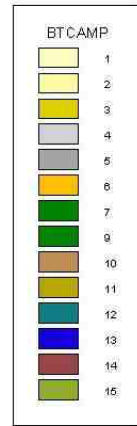
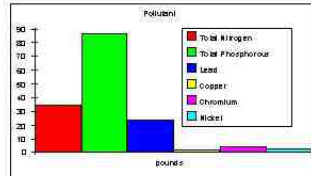
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Awixa Creek NPS Drainage Area

Total one-inch rainfall: 8.92×10^5 cubic feet
Total Coliform: 8.92×10^{12} organisms
Total Suspended Solids: 886 lbs
Total Area: 4.73×10^7 square feet



Nelson, Pope & Voorhis identified and located, storm water discharges to Great South Bay using GPS survey techniques. Incorporating land use data with the inventory information, a watershed pollutant impact analysis was performed including calculation of pollutant loading. The loading analysis was computed with a customized GIS model that utilized a land use coding and pollutant load rates. The study resulted in a report containing recommendations for storm water management and surface water protection in Great South Bay. The study included a pilot study to focus on the creeks in the Great Cove area and to identify priority locations in need of stormwater management. Recently, NP&V was awarded the contract to prepare a Watershed Management Plan for the Great Cove area funded in part by the NYSDOS.

