

PROJECT APPLICANT: Village of Southampton

PROJECT TITLE: Old Town Pond-Green Infrastructure

PROJECT TYPE: Non-Point Storm Water Runoff

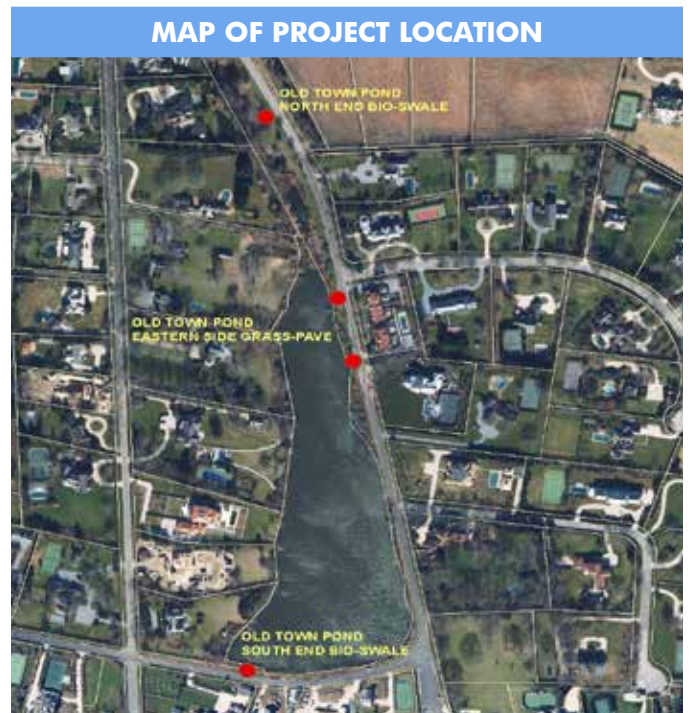
SCALE: Neighborhood/Watershed

APPROACH: REDUCTION

DESCRIPTION

Old Town Pond is a 10.3-acre freshwater pond located within the Village of Southampton and is listed by NYS as a 303(d) impaired waterbody on the NYS DEC Priority Waterbody List (0701-0118). Nonpoint stormwater runoff is a known source of pollutants, and this water body is currently eutrophic. The NYSDEC has documented the occurrence of Harmful Algal Blooms (HABs) in Old Town Pond every year from 2014 through 2020. In July of this year, there were six (6) HAB notifications by the NYS DEC.

The project proposes installing Green Infrastructure to intercept approximately 1.8 acres of water annually. Said infrastructure will provide infiltration, treatment and storage of excess stormwater. This project will capture 40,000 square feet of road run-off, for up to a 1.2" storm event, and will capture and treat 12.2 lbs. /year of Nitrogen, 1.6 lbs. /year of Phosphorus, 670 lbs. /year of Total Suspended Solids (TSS) and 534 billion/year of Fecal Coliform, as per the pollutant load reduction model in the 2013 Watershed Treatment Model. The use of green infrastructure and volume control drainage structures are identified in the WQIP Project Plan as a recommended implementation strategy that provides nitrate, phosphorus and TSS removal and will provide benefits for the existing aquatic habitat.



REQUESTED AMOUNT: \$94,898