

PROJECT APPLICANT: Moriches Bay Project

PROJECT TITLE: Restoration of Raynor Fish Shack and Install a FLUPSY and Community Oyster Garden

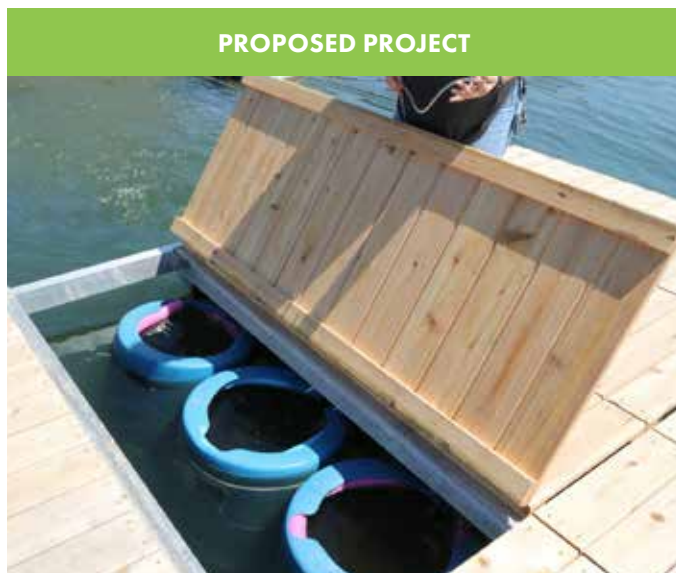
PROJECT TYPE: Aquatic Habitat Restoration

SCALE: Neighborhood/Watershed

APPROACH: Restoration

DESCRIPTION:

The Moriches Bay Project is looking to install and utilize a field nursery called a Floating Upweller System (FLUPSY) at the Raynor Fish Shack to grow 100,000-200,000 juvenile oyster seed (*Crassostrea Virginica*). The 100,000-200,000 oysters from this project will filter between 5,000,000-10,000,000 gallons of water per day. Each 1,000 oysters is calculated to sequester 2.80 kilograms (6.2 pounds) for a total of 620-1,240 pounds of nitrogen annually from the proposed FLUPSY and oyster garden. The oysters will be planted in Southampton Town designated shellfish management areas to help create sustainable local oyster populations, help clean the impaired waterways, and introduce community awareness of water quality restoration initiatives to the public at this new location. The Raynor Fish Shack is a historic building being preserved by the Community Preservation Department as a separate project and will be used as a public educational facility with touch tanks, water quality exhibits and information.



REQUESTED AMOUNT: \$438,613.50