

PROJECT APPLICANT:	Village of Sag Harbor
PROJECT TITLE:	Sewershed K Engineering Design
PROJECT TYPE:	Wastewater Treatment/Pollution Prevention
SCALE:	Neighborhood/Watershed
APPROACH:	Reduction

DESCRIPTION:

The Village of Sag Harbor is looking to expand their current sewer system by collecting the wastewater generated by “Sewershed K” and connecting it to the existing Sag Harbor Wastewater Treatment Facility (WWTF). Sewershed K is located entirely within the Town of Southampton boundary and is identified as having the highest priority for sewerage in the Village Sewer Master Plan Progress Report for the Village of Sag Harbor. It is comprised of approximately 44 parcels that currently utilize onsite sanitary systems and generate approximately 12,346 gallons per day (GPD) of sanitary wastewater. Due to high groundwater, a significant number of homes located in Sewershed K cannot utilize I/A systems, making sewerage the most feasible option.

It has been observed that the water quality surrounding Sag Harbor Village has multiple impairments, including high nitrogen, low oxygen, reduced water clarity, algal blooms, rust tides, and pathogenic bacteria. Antiquated onsite sanitary systems continue to be the primary source of nitrogen entering the watershed. Connecting Sewershed K to the existing Sag Harbor WWTF would decrease the amount of nitrogen-rich wastewater entering the groundwater by approximately 1,541 lbs. annually and, therefore, improve water quality in the Peconic Estuary.

