

PROJECT APPLICANT: Village of Sag Harbor

PROJECT TITLE: Village of Sag Harbor Sewer Master Plan

PROJECT TYPE: Wastewater Treatment

SCALE: Neighborhood/Watershed

APPROACH: Reduction

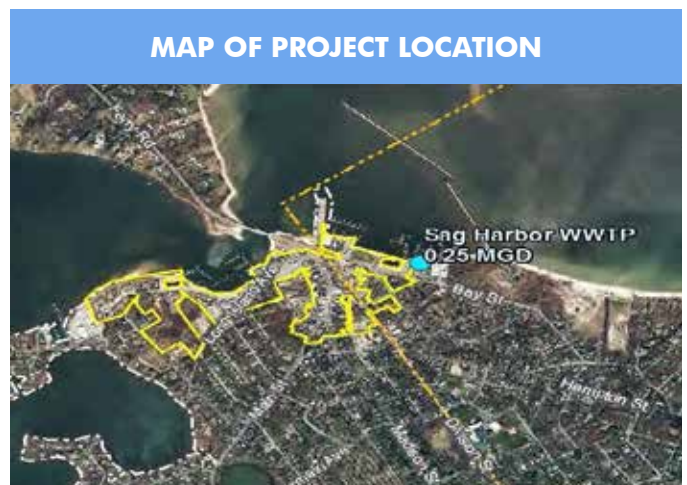
DESCRIPTION:

The proposed project is a focused study on the service area and possible extension of the sewer main to provide residential connections to the existing Sewage Treatment Plant (STP) that currently serves the Village of Sag Harbor business district in the vicinity of Main Street. As provided in their application; the existing STP has an excess capacity of approximately 100,000 gallons per day, and the expansion of the service area could accommodate an estimated additional 300 homes. This would allow existing residences currently served by individual sanitary systems or outdated cesspools, which are within close proximity to Sag Harbor Bay, Sag Harbor Cove and Upper Sag Harbor Cove, to be connected to the existing STP.

As Sag Harbor is surrounded by impaired water bodies, this study proposes to analyze the service area and consider a secondary treatment plant in a separate location. Because some residences are also impacted by shallow groundwater, where new I/A OWTS may not be a viable option, the feasibility to hook up these home to a sewer main and have effluent treated by a STP provides an alternative that may benefit lots which experience shallow groundwater.

The existing STP provides a nitrogen treatment/output ranging from 5 mg/L to 2 mg/L, where individual I/A systems are required to meet a nitrogen treatment threshold of 19 mg/L. The Village is planning to utilize information from previous studies done in 2014 and 2018 and is working to improve water quality by evaluating this service area, based upon the proposed sewer master plan. The Village plans to have the current study completed within a 6-month timeframe.

The application also indicates that East Hampton Town has contributed 50% in allocated funds as the STP is located within the East Hampton Town. The area currently served by the STP is mainly located within the jurisdiction of Southampton Town.



REQUESTED AMOUNT: \$ 72,400