

PROJECT APPLICANT: Peconic Land Trust

PROJECT TITLE: Reducing Groundwater Nitrogen Input to Sagaponack Pond’s Western Shoreline

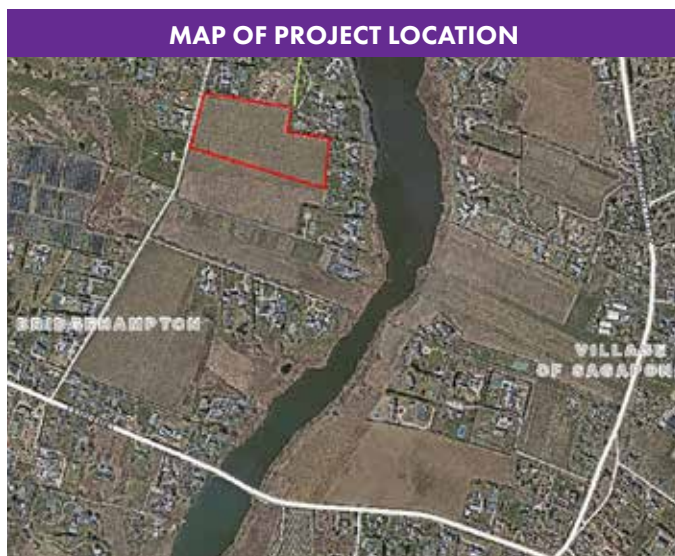
PROJECT TYPE: Non-Point Source Abatement and Control

SCALE: Neighborhood/Watershed

APPROACH: Remediation

DESCRIPTION:

The Peconic Land Trust (PLT) in collaboration with Cornell Cooperative Extension of Suffolk County (CCE) is requesting funding to design and install a Permeable Reactive Barrier (PRB) at 281 Highland Terrace, Bridgehampton NY. PLT estimates a PRB at this site could remove up to 911 lbs. of nitrogen (N) per year from the Sagaponack watershed. This equates to an average cost of \$57.40 per kg N removed over a 20-year anticipated lifetime of the PRB, which is lower than other passive N removal estimates. PLT is also looking to perform PRB site characterization at another property further south along Highland Terrace, which has been identified as a high priority area from groundwater seepage studies. The exact location will be determined, but the study will most likely be conducted at 99 Highland Terrace, Bridgehampton. Information and data generated during this project will be communicated to the Town and public and distributed through educational outreach and a final report.



REQUESTED AMOUNT: \$568,852.00