

**PROJECT APPLICANT:** Peconic Land Trust

**PROJECT TITLE:** Reducing Groundwater Nitrogen Input into Sagaponack Pond

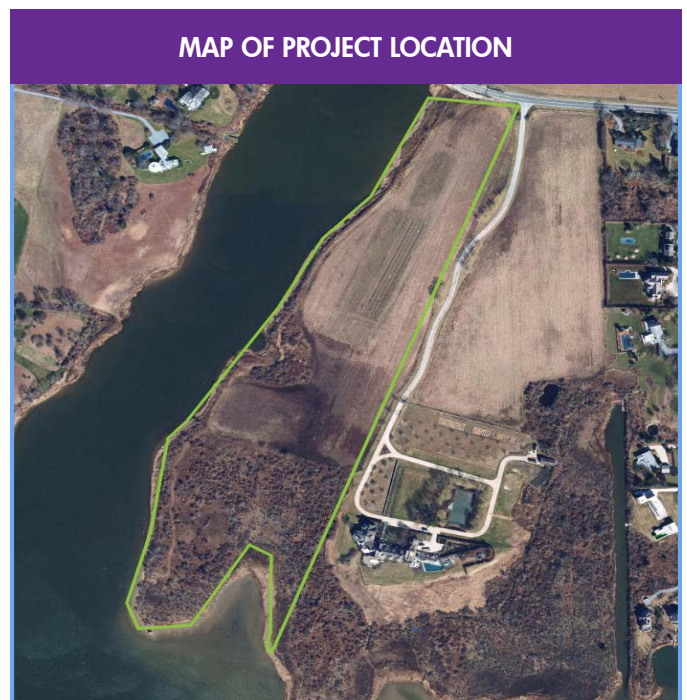
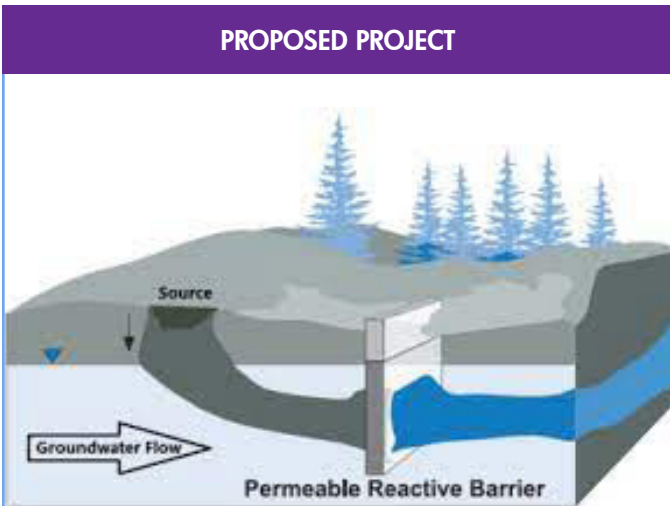
**PROJECT TYPE:** Non-point source abatement and control

**SCALE:** Neighborhood/Watershed

**APPROACH:** Remediation

**DESCRIPTION:**

The proposed project requests funding for a site characterization study for the installation of a permeable reactive barrier that will intercept and treat nitrogen in groundwater before it enters Sagaponack Pond. Site characterization includes measuring groundwater seepage and surface water conditions down gradient of the properties, as well as characterization of inland soils, groundwater nitrogen concentrations, and hydrogeological conditions over multiple seasons. The information gathered from this characterization will determine the areas with highest nitrogen concentrations and considerable groundwater seepage. This will help determine the size and location of the PRB such as at the Peconic Land Trust property of Smith Corner Preserve or other lakeside properties managed by PLT.



**REQUESTED AMOUNT:** \$ 107,344