

PROJECT APPLICANT: Town of Southampton

PROJECT TITLE: Riverside Phase I Sewer System

PROJECT TYPE: Wastewater Treatment Improvement Project

SCALE: Neighborhood/Watershed

APPROACH: Reduction

DESCRIPTION:

The Town of Southampton will construct Phase I sanitary infrastructure and a centralized sanitary treatment facility to service the hamlet of Riverside. This request encompasses the cost of construction of a Sewage Treatment Plant with 400,000 GPD capacity and collection and conveyance infrastructure development encompassing approximately 224 lots and 682 sewer connections. The proposed sewer system will result in a net reduction of 4,923.85 pounds of nitrogen per year.

CPF Water Quality Funding has been used to fund previous phases of the project as well as purchase land for the location of the STP. Thus far, \$4,646,227.00 has been spent on previous phases of the project, and \$4,100,000.00 was utilized for land acquisitions for a total of \$8,746,227.00 spent on this project to date.

Estimated existing nitrogen (N) discharge from the Phase 1 sewer service area, which relies on conventional septic systems, is calculated based on current flow of 94,132gpd @ 50mg/l, or 39.25 lbs/day. This equates to 14,326.25 lbs/yr. Estimated N discharge from the proposed Phase I STP, in accordance with Riverside redevelopment plans, is based on flow of 308,829 gpd @ 10 mg/l, or 25.76 lbs/day. This equates to 9,402.4 lbs/yr. Therefore, N loading post construction of the Phase I STP will be reduced by 4,923.85 lbs./yr compared to existing, a reduction of 34.37%.

PROPOSED PROJECT



MAP OF PROJECT LOCATION



REQUESTED AMOUNT: \$ 7,500,000.00