

Town of Hampton, New Hampshire

Capital Improvement Plan -- Public Works Department

WWTP Upgrades Phase 4 Projected Cost 2015 - \$520,000

Reconstruction of the Septic Site Receiving Station

This project has been identified as a necessary upgrade to the wastewater treatment plant process. This plant processes municipal, industrial and septic tank sludge's that contain debris and inorganic solids such as hair, plastics, grease and hygienic materials. This debris can negatively impact downstream equipment by clogging pumps and valves, decreasing the effectiveness of aeration, dewatering and filtering equipment. We are requesting the procurement and installation of a Lakeside unit package Raptor Septage Acceptance Plant that will reduce sand and keep other deleterious materials out of the waste stream.

Project cost \$220,000



Reconstruction Project of Aeration Blowers

Blowers for the aeration system are oversized for most of the year, due to a lot of the air diffusers being plugged. It would be cost effective if there were down sized. They have 200HP motors and we could get away with 100 HP blowers most of the time through the year. The power usage would be a huge savings. The work will also include adding the blowers to the emergency generator circuit.

Project cost \$300,000

