

Tillamook Bay Installation Announcement



In December 2025, the Tillamook Bay WWTP installed two floating WavTex SFF modules directly within its existing 0.042 MGD lagoon. The floating configuration was chosen to avoid complications from uncertain lagoon floor conditions, requiring no major infrastructure changes. Aeration drop pipes and extension legs remain just above the surface for convenient access and maintenance. Entex also supplied two new 10 HP positive-displacement blower packages as part of this upgrade.

This cost-effective upgrade helps protect Tillamook Bay's legacy of pristine coastal waters and thriving oyster beds for generations to come.

Application

Increase biological treatment capacity with minimal changes to site infrastructure and O&M

Solution

Retrofit the existing lagoon with two floating WavTex modules

Objective

Remove an additional 18 lb/day of ammonia to meet the following effluent limits:
BOD < 30 mg/L
NH₃-N < 31.9 mg/L