

Tideflex Coarse Bubble Aeration System Reduces Both Energy and Maintenance Costs

The Client

Town of Amherst

The Challenge

- Reduce energy cost
- Reduce grit build-up

The Solution

Tideflex Coarse Bubble Diffuser

The Result

- Lower energy costs
- Lower maintenance Costs
- Eliminated airline plugging



Providing optimal oxygen transfer and mixing characteristics with reliable backflow prevention, Tideflex Aeration and Mixing Systems are ideal for use in municipal and industrial aeration applications. While conventional fine and coarse bubble diffusers typically clog with sludge when airflow is interrupted due to blower shutdown or power failure, Tideflex Aeration Diffuser Valves maximize mixing while totally isolating the wastewater from the air manifold and related equipment and instrumentation. By preventing maintenance shut downs and eliminating the need to run blowers or compressors around the clock to prevent clogging of the diffusers and manifold, Tideflex Aeration and Mixing Systems provide substantial savings in energy and operational costs.

