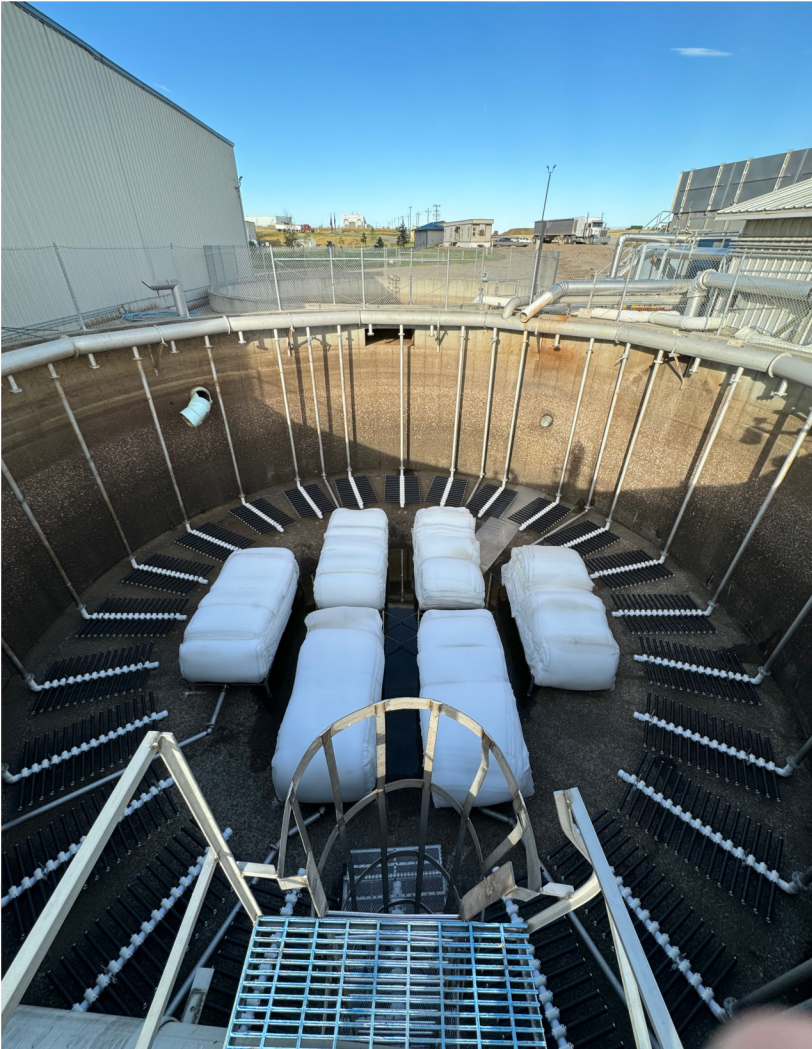


Malting Plant Installation Announcement



In September 2024, a WavTex™ IFAS system was retrofitted into a clarifier-turned-aeration-basin at a 0.615 MGD malting plant in Montana. The facility generates high-strength organic wastewater with BOD concentrations averaging ~2,000 mg/L, well above the municipal surcharge threshold of 200 mg/L.

To meet discharge requirements without major facility expansion, six WavTex modules with integral coarse-bubble air grids were installed within the existing tank. By adding attached-growth treatment capacity, the system significantly increased available biomass for BOD removal. A new floor-mounted fine-bubble aeration system was also installed as part of this upgrade.

Application

Elevated sBOD₅ exceeding local discharge requirements due to malting process

Solution

Installed six WavTex modules and supplemental fine bubble aeration grid

Objective

Effluent:
sBODs < 200 mg/l