



ADM Vineland

Case Study: Meeting Effluent Discharge Requirements

Challenge

When ADM acquired the Vineland facility, they inherited significant wastewater management issues. The plant was close to exceeding discharge limits for fats, oils, and grease (FOG). ADM's internal environmental team flagged these issues, sparking the requirements for an upgraded water treatment facility.

Meanwhile, the plant was incurring operating expenses to truck wastewater off-site. ADM was faced with a decision: spend a significant amount of capital for the new treatment system or look for a partner to take over their processes.

Solution

Cambrian stepped in with a Water Energy Purchase Agreement (WEPA), providing an efficient wastewater treatment solution without requiring any capital investment from ADM. The centerpiece of the solution was Cambrian BioViper system, which replaced ADM's older treatment infrastructure. Cambrian designed, installed, operated, and maintained the new system, integrating it seamlessly with ADM's existing processes.

TESTIMONIAL

"The WEPA solution was a game-changer. It allowed us to achieve compliance without the massive capital outlay and eliminated the burden of wastewater management."

—Rick Garrison, Plant Manager, ADM Vineland

Results

Capital Savings

Avoided significant capital expenditure by using Cambrian's WEPA model

Cost Reduction

Eliminated the large operating expense of off-site wastewater trucking costs

Weekly Treatment

ADM no longer needs to manage wastewater treatment internally, reducing operational complexity and financial risks.

FEATURES



BioViper: A robust system designed to handle treating high-strength wastewater



Usage Fee: Under WEPA, ADM avoided upfront capital investment, paying only monthly fees based on their water usage



Improved Compliance: The solution ensured the facility met discharge limits for FOG, eliminating environmental violations.