

Advanced BioTech

Developer of BioWorld Products

FRUIT WASTEWATER ODOR CASE STUDY

Project Situation

Prior to peak processing season, a California fruit facility wanted to reline a 12 million gallon wastewater storage basin containing about 8 million gallons of wastewater. Their concern was odors generated during the transfer of the wastewater into a larger storage basin. The transfer flow rate was 1,200 gallons per minute for 6 hours a day (approximately 432,000 gpd). BioWorld recommended using Liquid Optimizer Plus, a bioenhancement liquid with added odor neutralizing compounds. Two gallons per hour of Optimizer Plus (25 ppm) was metered into the wastewater during the 20 day transfer process.

Products/Technology Used

#55275 BioWorld Liquid Optimizer Plus (275 gallon tote)
LMI Metering Pump (7 gph)

Results

During the wastewater transfer, Optimizer Plus helped accelerate digestion of organic matter and neutralize odors at the same time. Odors associated with the wastewater transfer were non-existent. The transfer was completed and the storage basin was relined in a timely manner in preparation for the peak processing season.