

Wawona Frozen Foods

Clovis, California – USA

Client Profile: Located in California's fertile San Joaquin Valley, Wawona Frozen Foods specializes in the growing and freezing of fresh fruits. Beginning as a small farm over fifty years ago, it continues today as a grower, processor and major supplier of fruit and fruit products. Pioneering the frozen fruit industry, the family owned company is a result of one farmer's commitment to deliver the very best fresh frozen fruit products to the market place. Wawona's success and prosperity is due to the family's commitment to excellence and continues today as a family owned and operated company which ships more than 100 million pounds of product annually.



Average BOD Removal: 89%



Average TSS Removal: 89%

System Design: BioFiltro custom designed the BIDA® System for Wawona which encompasses approximately 11,264 square feet of total system surface area. Process water flows through a pre-existing rotary screen and seed pit for solid separation before arriving to an accumulation tank. Telemetry sensors and timers intermittently activate the irrigation system to apply process water to the beds. Water percolates down through the system medias and, within four hours of discharge, treated effluent gravity feeds out into city sewer lines. Wawona, in 2015, first installed a small 3,000 GPD pilot before scaling up to the 50,000 GPD facility in 2016 to ensure its viability for urban application as well as system results.

