

# Del Puerto Water District Summary

## Irrigation System Improvement Project

### Purpose:

The purpose of the project is to replace less efficient irrigation systems (head-ditch/furrow and siphon tube irrigation) with more efficient irrigation systems (tailwater recirculation system, gated-pipe/furrow, drip or micro sprinkler systems with water recycling systems). These improvements will result in reduced irrigation tailwater and contaminants (including selenium, boron, salt, and oxygen-consuming nutrients) discharged to the San Joaquin River and the Sacramento-San Joaquin Delta. In addition to the water quality benefits, the irrigation improvements will directly benefit water conservation efforts in the San Joaquin Valley

The District received \$5 million in Agricultural Drainage Loan Program funding for implementation of these projects. Funds are used to purchase high efficiency irrigation equipment that will be leased to growers converting head-ditch/furrow and siphon tube irrigation to gated-pipe/furrow, drip or micro sprinkler systems with water recycling systems and installation of tailwater recirculation systems.

### Photos of installed equipment

Fiberglass Sand media filtering system and Drip/Micro emission irrigation system



# Stainless Steel Sand media filtering system and Drip/Micro emission irrigation system

