Jessica,

Our company specializes in water reclamation projects for private industry. I think that there is some low hanging fruit out there. Food processors are massive water consumers and most of them simply dispose of their process wastewater. Tomato processors are an excellent example. They can use between 6 and 12 million gallons per day during the four month season. Much of this water is simply used to float tomatoes out of the truck bins. That water could easily be reused for the same purpose. That one step could save millions of gallons per day per plant.

In addition to these steps, food processor process wastewater should be much simpler to reclaim than municipal sewage. Many wineries now use their treated process wastewater for irrigation and there really is no reason this should not be done all over the Sacramento and San Joaquin Valleys by food processors. In the past there have only been grants for municipal projects. Providing partial grants to industry could make a huge dent in water consumption.

Just my two cents. You have a huge task ahead of you.

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