

## DOCKETED

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**State wide water Recycling - Toilet to Farm**

*Additional submitted attachment is included below.*

# Toilet to Farm

**Toilet to Farm** – Much easier for public to stomach than **Toilet to Tap**

Let's get the STATE of California into the **Purple** pipe water recycling by mating the biggest output (waste treatment plants) with the largest users (farmers).

Sacramento outputs 150 million gallons of treated water a day into the Delta. Just think if that water was put in one of the Aqueducts for the Farmers, which use 80% of the water sent south. Dedicate one of the aqueducts for **mixed** treated and fresh water for irrigation only. It would not be hard to have the treatment plants hooked up to send the water to the Aqueducts which would be great for the environment, farmers and all. Centralizing the input from treatment plants, refineries and power plants decreases the cost as well as having one customer that will accept all the available water dramatically reduces the infrastructure cost to recycle large quantities of treated water. Cities or water districts can do some of this, but normally at a drastically higher cost, due to the amount and location of the pipes needed to send the water where it can be used.

The whole Sacramento, Tracy pumps and Bay area are at about the same elevation of 0. Simple water towers can be installed near the Treatment facilities to give the water the needed Gravity conveyance to the Tracy pumps. Since this Treated water is currently put into the Bay or Delta now, we could run the pipes in the water ways. It would not make any sense that any Environmental groups can not have a problem with this, since if there were a leak it would just put the treated water in the same body of water for which it was being diverted from. If there were a leak it would be detected by the quality control before being sent into the Aqueduct.

WaterFX and/or OasysWater could also be employed on or near the aqueducts to utilize the sun's power to further purify the water to drinking standards if so desired.

Sacramento	150 MGD
Benicia	10 MGD
Roseville	18 MGD
Lodi	8.5 MGD
Pittsburg	
Vallejo	
Tracy	

<https://ciwqs.waterboards.ca.gov/ciwqs/readOnly/CiwqsReportServlet?inCommand=reset&reportName=RegulatedFacility>