

A Perspective from OCSD

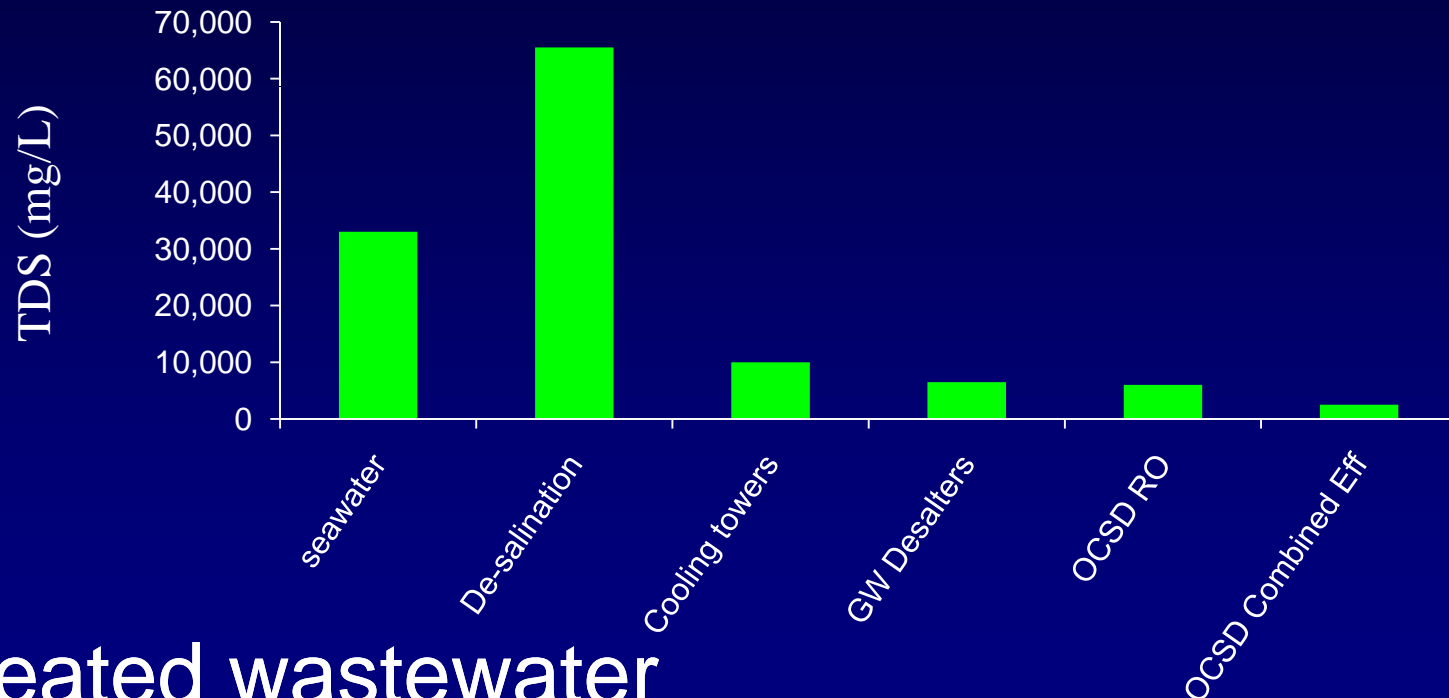
A Discharger of Commingled Secondary Effluent and RO Reject



December 8, 2011

Concerns: *differentiate “brines”*

- ◆ Recycled wastewater vs cooling towers vs groundwater desalters vs ocean desalination
- ◆ Dissolved solids by the numbers



- ◆ Treated wastewater
 - ◆ Low TDS loads and managed contaminants

Concerns: *support recycling*

- ◆ OCSD has 30+ years of experience
 - ◆ Seawater intrusion barrier in 1975
 - ◆ Groundwater replenishment started in 2008
 - ◆ Now reclaiming 70 mgd
 - ◆ Plans for reclaiming 100 mgd by 2014
- ◆ SWRCB Recycled Water Policy
 - ◆ Increase use of recycled water over 2002 levels by 1 million acre-ft by 2020
 - ◆ Increase by 2 million acre-ft by 2030.

Ideas for Discussion

- ◆ Panel should distinguish between the different “brine” discharges
 - ◆ Desalination plants
 - ◆ Groundwater desalting facilities
 - ◆ Power generating cooling stations
 - ◆ Water recycling projects
- ◆ State should not impinge on water recycling opportunities
 - ◆ Combined discharges that meet NPDES standards should be approved

Ideas for Discussion

- ◆ Consider existing regulations and water recycling policy
 - ◆ Wastewater treatment plants are regulated by NPDES permits
 - ◆ Discharge limits are set for mass loads

Questions?

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