

Dry Year Report Comment

commentletters@waterboards.ca.gov



Dear Sirs:

I am responding to your question #7: (What should be done to prepare for future dry years)

Monterey Bay National Marine Sanctuary has a pdf by Dane Hardin that details the pollution contained in the sewage we dump daily in Monterey Bay. Please read about the alphabet of pollutants & the endocrine disruptors dumped daily.

http://montereybay.noaa.gov/sac/2008/081508/081508hardin_ppt.pdf

Orange County in Southern California has a Reverse Osmosis plant that recycles 100 million gallons of sewage daily which turns a polluting waste stream into a resource we desperately need.

Slate Mag has a recent article that contrasts the cost of San Diego's new desalination plant vs. Orange County's recycling plant:

http://www.slate.com/articles/technology/future_tense/2014/06/desalination_vs_purification_why_californians_will_soon_drink_their_own.html

Factoring in the **costs of the current plant**, Orange County will soon produce twice as much water for less than one-third of the average cost of San Diego's new desalination plant. Reusing water that's already been pumped to Orange County **over mountain ranges** also **uses half the energy** as importing new water.

Clearly what's needed is more recycling to doubly employ our water supplies that are processed by WWTPs & reduce the pollution we dump in our environment.

WRD.org has an engineering report that shows they can recover 92% of the treated sewage they run through their recycling plant by running a "double train RO" process.

I'll find the link if you want to read it.

Best regards, Don Heichel