

Affordable Desalination Collaboration is on Track April 25, 2005

The Affordable Desalination Collaboration (ADC) is on track for its dedication and start up on May 11th. San Leandro, California, April 22nd. The ADC will dedicate their ultra-efficient seawater reverse osmosis (SWRO) system on May 11th at the US Navy's Seawater Desalination Test Facility, located on Naval Base Ventura County, Port Hueneme, California. According to John MacHarg, ADC Managing Director, the idea for a demonstration facility was conceived last July. "Within eight months, the ADC was formed, a test site was selected and approved, and plant designs and test protocols were developed," said MacHarg. "Nearly 20 participants from the public and private sectors contributed more than \$650,000 in equipment and services to complete the demonstration plant. It was an ambitious project to accomplish in less than one year." He continued, "It's a testimony to the caliber of members who are involved in this effort. They have all performed at a remarkable level to make the facility a reality."

Reverse Osmosis Unit Near Completion



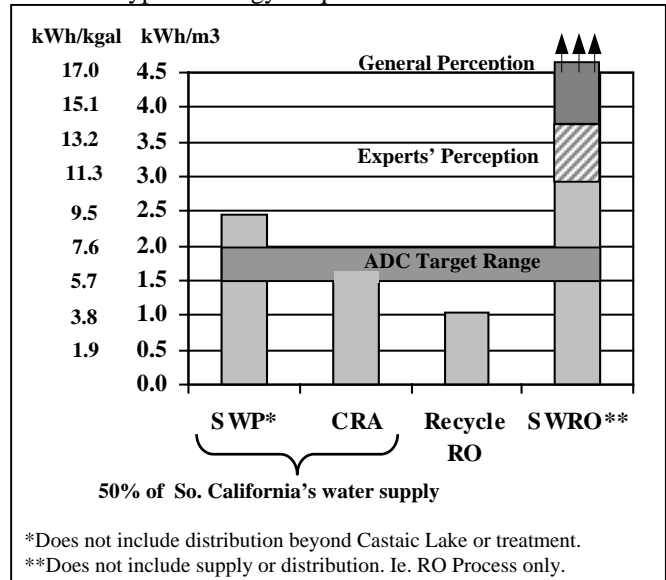
The ADC pilot plant will utilize a unique combination of proven technologies and equipment to create an ultra-efficient SWRO system. Two overriding goals of the facility are to demonstrate that SWRO can be energy efficient and

cost competitive with other sources of fresh water in Southern California, and to provide water agencies and private companies investigating the feasibility of seawater desalination plants with practical operations and maintenance information.

Developing alternative sources of water for Southern California is a critical goal for regional water purveyors. The State Water Project (SWP) and Colorado River Aqueducts (CWA) are the two primary sources of fresh water for Southern California, providing approximately 50 percent of the region's water supply. Pumping water to Southern California, treating that water and distributing it to an estimated 18 million people in a six-county region is the single largest use of electricity in the state.

Guest speakers for the dedication ceremony will be Maryanne Bach, Director of Research, Bureau of Reclamation; John Morris, Director, Metropolitan Water District of Southern California; Ed Royce Sr., Board President, Municipal Water District of Orange County; and Bernie Rhinerson, Director, San Diego County Water Authority.

Typical Energy Requirements and the ADC



The ADC is a non-profit organization comprised of the following group of leading companies, state and government agencies.

- California Department of Water Resources
- California Energy Commission
- Carollo Engineers
- City of Santa Cruz Water Department
- David Brown Union Pump Comp. - subsidiary of Textron
- Energy Recovery, Inc.
- FilmTec Corporation
- Marin Municipal Water District
- Municipal Water District of Orange County
- Naval Facilities Engineering Service Center
- Pentair Water Treatment-CodeLine Division
- Piedmont Pacific Corporation
- Poseidon Resources
- Rolled Alloys
- San Diego County Water Authority
- U.S. Bureau of Reclamation
- U.S. Desalination Coalition
- WaterEye
- West Basin Municipal Water District

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