

## **Water Desalination Report**

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**AFFORDABLE DESALINATION COLLABORATION SELECTED HARN R/O SYSTEMS FOR 58,000-92,000 GPD containerized SWRO pilot plant worth approximately \$350,000 to be completed in 12 weeks, ADC awarded to Harn after requesting prices from 6 ROEM's for pilot plant to advance seawater desal and help make it affordable.**

**Comprised of 17 agencies and co.'s in water industry, ADC is non-profit group combining their efforts and expertise to advance desalination technology. Pilot plant of best SWRO state of art and production at low energy levels will be operated at U.S. Navy Seawater Desalination Test Facility, Port Hueneme, CA, this yr. (WDR,21Oct,2).**

**THE GOV. John P. MacHarg of Energy Recovery Inc. and ADC managing director said site work at Port Hueneme begins in mid-April. "Ribbon-cutting ceremonies are to be held May 11." MacHarg said in telephone interview last week, "and for so important event we're expecting big names," perhaps Governor Schwarzenegger himself.**

**ADC said in press announcement, "Harn responded with the most complete and competitive proposal and followed up by working hard to optimize the design and in some cases provided higher quality components than were originally specified." said ADC press announcement. Tom Seacord of Carollo Engineers and ADC project leader said, "Harn's performance and desire to provide a show piece plant for this project were refreshing. It makes our decision easy when they provide the most responsive bid for the best price.'**

**HONORED. Slightly bowled over, Jimmy Harn, pres. of co. in Venice, FL, said, "To be associated with such knowledgeable, high caliber people is an honor for us."**

**With ADC member experience and resources contributing to pilot design optimized for efficiency and data collection, plant will use pumping and membrane advances from FilmTec, Energy Recovery Inc. and Pentair Water Treatment Codeline Div. to produce fresh water at energy consumption of 1.5-2.0 kWh/cu.m (5.7-7.6 kWh/1000 gal).**

**"All of the equipment will be commercially available and standard plant designs that can be directly and economically scaled up to the municipal level," ADC said. 'The plant will be able to vary recovery, pressure and product flow independently in search of the 'optimum energy point'. Overall layout of the plant was also considered and compartmentalized to accommodate visitors inside the container with comfortable ambient noise levels.'**