

Marina Coast Water District
Staff Report

Agenda Item: 9-A

Meeting Date: April 12, 2011

Prepared By: Gary Rogers
Reviewed By: Carl Niizawa

Presented By: Gary Rogers

Subject: Receive an Update on the 2010 Urban Water Management Plan

Summary: The Board of Directors is requested to receive an update regarding the 2010 Urban Water Management Plan.

The California Urban Water Management Planning Act requires any municipal supplier serving over 3,000 connections or 3,000 acre-feet of water per year to prepare an urban water management plan every five years. The 2010 plan deadline was extended due to changes in the law which required the Department of Water Resources to develop additional procedures and guidelines for completion of Urban Water Management Plans (UWMP). The District must adopt the 2010 UWMP not later than July 1, 2011. Failure to adopt a plan by that date may result in the denial of grants or loans from the State.

The District hired Schaaf & Wheeler (S&W) consulting Civil Engineers to prepare the 2010 UWMP. Staff and S&W have been working with FORA and the land use jurisdictions to compile updated development projections. Based on these projections, future water demands have been projected through the year 2030.

There are several items the Board will wish to note in the 2010 Draft UWMP:

- The Water Conservation Act of 2009 requires each retail urban water supplier to establish baseline daily per capita water demand and water conservation targets, as outlined in California's 20x2020 Water Conservation Plan. The baseline water demand for the District was identified as 118.6 gallons per capita per day (gpcd). This current demand rate is below the Regional water conservation target of 123 gpcd. Therefore, the District may use a reduced target of 110.8 gpcd for its year 2020 water conservation target. This is discussed in section 3.4 of the Draft UWMP.
- The redevelopment projections for the Ord Community reflect the economic downturn of 2007 and the continued slow pace of development. The water demand projections in the 2010 UWMP are correspondingly reduced. In the 2005 UWMP, the water supply shortfall for the Ord Community at the 20-year planning horizon was 5,084 acre-feet/year. In this update to the plan, the water supply shortfall for the Ord Community at the 20-year planning horizon is 2,427 acre-feet/year. Some of the previously projected development may still occur after the year 2030.
- The Coastal Water Project / Regional Desalination Project is now included in the discussion of future water supplies (section 4.4 of the Draft UWMP).
- Concurrent with the UWMP update, the District's Water Shortage Contingency Plan was reviewed. Certain updates are proposed, as shown in Appendices E and G of the draft plan. In the event of a water shortage, the proposed updates would allow staff to

immediately direct customers to reduce water use without first convening the Board to obtain direction.

The plan must be publicly reviewed prior to adoption by the Board. The proposed schedule is as follows:

April 15, 2011	Publish public review draft of the UWMP
May 10, 2011	Conduct public hearing at the regularly scheduled MCWD Board meeting
May 16, 2011	Comment period closes
June 14, 2011	Adopt final UWMP at the regularly scheduled MCWD Board meeting

Attachment: Draft 2010 Urban Water Management Plan (provided as a separate attachment)