

PT 22

ITEM: SPECIAL MEETING/BOARD WORKSHOP**1. WATER NEEDS ANALYSIS: FUTURE WATER NEEDS****Meeting Date:** May 18, 2006 **Budgeted:** N/A**From:** David A. Berger,
General Manager **Program/
Line Item No.:** N/A**Prepared By:** Stephanie Pintar **Cost Estimate:** N/A**General Counsel Approval:** N/A**Committee Recommendation:** N/A**CEQA Compliance:** N/A

SUMMARY: At its September 8, 2005 Strategic Planning Session, the Monterey Peninsula Water Management District (District) Board indicated its intent to hold a series of workshops on key topics of Board and community interest. This workshop, the fourth in a series of five, focuses on the long-term (future) water needs of customers in the California American Water (Cal-Am) main distribution system in the Monterey Peninsula area. In the workshop, information on future Cal-Am water needs will be presented.

At the third workshop on March 23, 2006, staff presented information on existing Cal-Am water demand, with an emphasis on Water Year 2005. That information was compared to existing Cal-Am water supplies, emphasizing Water Year 2005. Based on this comparison and a discussion of the legal constraints on the physical supplies, estimates of the amount of replacement water that is required to reliably meet Cal-Am's existing water demand were provided.

DISCUSSION: On September 20, 2004, the District Board approved the Technical Advisory Committee's (TAC) recommendation to use General Plan build-out numbers to project future water needs. Since that time, the TAC members have provided the District with their build-out numbers. Once the build-out numbers were received (**Exhibit 1-A**), the TAC met regularly to develop water use factors for the various types of uses anticipated at build-out. After reaching consensus on water use factors (**Exhibit 1-B**), District staff compiled the attached future water needs estimates (**Exhibit 1-C**) using (1) the recommended factors, (2) a "contingency" of 20 percent to cover unanticipated water needs or upgrades from current restrictions, and (3) water needs associated with "paying back" residential retrofit credits allowed by MPWMD Ordinances No. 70 and No. 90. (Ordinances 70 and 90 allowed a jurisdiction to "borrow" against the next water allocation.) The County's residential water needs include the TAC-recommended adjusted residential factor that takes into account the County's larger lot sizes. The result of the effort is an estimated long-term water need of 4,545 acre-feet to satisfy the build-out projections of the jurisdictions.

The Policy Advisory Committee (PAC) met jointly with the TAC on September 26, 2005 and unanimously endorsed the TAC's recommendation. At that meeting, Director Edwards raised the question about phasing the water needs over time. Early in the process, staff had requested water needs based on the current housing element of each jurisdiction's General Plan. However, as the housing elements expire in 2007, information available at this time will be outdated before a water supply project is on line. Therefore, staff recommends discussing water supply phasing in 2007 when the next editions of the housing elements are completed.

The Water Demand Committee considered endorsing the TAC's recommendation at its December 8,