

## **Addendum to BAWSCA's July 18<sup>th</sup> Request for Proposals for Water Conservation/Recycling Implementation Plan**

The description of Task 2 and Task 2.1 has been updated to provide greater clarity on the use of the existing DSS Models. New language is presented in italics and underlined.

### **TASK 2: Update Existing DSS Models**

In 2004, the San Francisco Public Utilities Commission (SFPUC), in conjunction with BAWSCA, completed three planning studies:

- *SFPUC Wholesale Customer Water Demand Projections Technical Report,*
- *SFPUC Wholesale Customer Water Conservation Potential Technical Memorandum,*
- *Wholesale Customer Recycled Water Potential Technical Memorandum.*

These studies utilized an end-use model developed by Maddaus Water Management to estimate future water demand and conservation potential for each agency.

*The DSS model is proprietary software owned by Maddaus Water Management (Maddaus). Maddaus owns all intellectual property rights to the DSS software. Licensees (i.e. BAWSCA member agencies) may not modify software. Licensees may authorize third parties to use the DSS model. It is possible that such a third party would need to sign the licensing agreement as well. Use of the DSS model is limited to input of new data in order to obtain new results. This would apply to firms hired by BAWSCA to update the Agency models under this conservation implementation plan.*

As part of these studies and in preparation for the SFPUC WSIP PEIR, each agency selected a preferred set of conservation measures and made a commitment of conservation savings that aligned with their 2030 water purchase estimates from the SFPUC. A follow-up conservation study was completed in 2006 that documented the results of incorporating the selected conservation activities of the individual agencies (*Projected Water Usage for BAWSCA Agencies, Brown and Caldwell 2006*).

### **Task 2.1: Update the Individual BAWSCA Agency Least-Cost Planning Decision Support System (DSS) Models**

For this effort, *input to* each individual BAWSCA agency DSS model needs to be updated. The update will include the following components:

- Work with individual BAWSCA member agencies on updating *input data to* the DSS models
- Update population and employment projections to 2035
- Forecast new demand projections to 2035 – including before and after plumbing code savings