



Memorandum

TO: HONORABLE MAYOR AND
CITY COUNCIL

FROM: John Stufflebean

SUBJECT: SEE BELOW

DATE: 11-14-05

Approved

Date

11/23/05

COUNCIL DISTRICTS: 2, 4, 7, 8

**SUBJECT: ADOPTION OF A RESOLUTION APPROVING THE SAN JOSE
MUNICIPAL WATER SYSTEM 2005 URBAN WATER MANAGEMENT
PLAN UPDATE**

RECOMMENDATION

Adoption of a resolution approving the San Jose Municipal Water System 2005 Urban Water Management Plan (UWMP) update, and directing staff to file the Plan with the California Department of Water Resources.

BACKGROUND

The Urban Water Management Planning Act (AB 797), enacted in 1983, requires all California urban water retailers supplying more than 3,000 acre feet (AF) (1 AF = 325,000 gallons) per year or providing water to more than 3,000 customers to develop an UWMP. The plan is required to be updated every five years. The City filed its initial plan for the San Jose Municipal Water System with the California Department of Water Resources in 1985 and filed updates to the Plan in 1991, 1996 and 2001.

Two notable bills (commonly referred to as SB 610 and SB 221) passed since the last UWMP update have added new requirements to the Act, and are intended to improve the link between water supply availability and certain land use decisions made by cities and counties. SB 610 and SB 221 require that counties and cities consider the availability of adequate water supplies for certain new large developments and UWMPs are identified as key source documents for this verification.

ANALYSIS

The 2005 update (copy of the Plan attached) satisfies the requirements of the Urban Water Management Planning Act and addresses the following issues:

- Water sources, water supply outlook, and water use;
- Reliability of water supply and actions to be taken to ensure a reliable water supply;
- Contingency planning for achieving water use reductions during periodic supply shortages;
- Conservation measures currently adopted and being practiced in the form of the California Urban Water Conservation Council report.

The main objective of the updated UWMP is to address and analyze long-term water management planning. The Plan evaluates the water supply available to San Jose Municipal Water System up to the year 2030 under normal and drought conditions and projects water demand based on expected new development. Water demand projections are based on the City's General Plan, and include demands for the Vision North San Jose, Evergreen/East Hills Vision Strategy, and Coyote Valley Specific Plan projects. The UWMP also details the stages of conservation actions to be implemented in the event of a water supply shortage.

San Jose Municipal Water System's demands are projected to increase from 26,200 AF in 2005 to 59,700 AF in 2030. Demands will be met from a combination of increased potable and recycled water supplies. Potable demands are met from two sources:

1. San Francisco Public Utilities Commission (SFPUC)

Hetch Hetchy water is supplied to the North San Jose/Alviso area. The current contract with SFPUC expires in 2009. Negotiations for a new contract are expected to commence in 2006.

2. Santa Clara Valley Water District (District)

The District delivers treated surface water to the Evergreen area. Groundwater is available from existing wells throughout all of San Jose Municipal Water System's service areas.

Long-term planning and modeling analysis of countywide supplies and demands performed by the District as part of their Integrated Water Resources Planning Study (IWRP) and UWMP 2005 indicates that future countywide demands can reliably be met. Additionally, the District's IWRP found that during multiple dry years, small supply shortages could be managed through demand reduction programs and voluntary cutbacks without significant economic losses to the community. In the event of a significant decrease in available supplies, San Jose Municipal Water System's UWMP details a water shortage contingency analysis. The City will continue to work with the District and SFPUC to ensure long-term water supply reliability and avoid water shortages.

OUTCOME

The approval and adoption of the 2005 UWMP will allow the City's Municipal Water System staff to submit the Plan to the Department of Water Resources, which will fulfill the requirements of AB 797.

PUBLIC OUTREACH

Coordination during the planning process was maintained with local agencies, including the District and SFPUC, as well as other local retailers sharing the same drinking water sources. Preliminary notification of the Plan update was published in the San Jose Mercury News on June 11 and June 17, 2005, and notification letters were sent to local governing agencies. A public meeting was held on September 26, 2005, at the San Jose Municipal Water System office to receive public input about the proposed Plan. A notice of the public meeting was published in the San Jose Mercury News on September 7, 2005, and in the San Jose Post Record on September 9, 2005. The notice was also posted on San Jose Municipal Water System's internet website.

COORDINATION

This report was coordinated with the City Attorney's Office and the Planning Department.

COST IMPLICATIONS

There are no cost implications associated with approving the Plan update.

CEQA

The preparation and adoption of an UWMP is exempt from the CEQA process per California Water Code section 10652.



JOHN STUFFLEBEAN

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