

WEST BASIN MUNICIPAL WATER DISTRICT**NOVEMBER 6, 2002 - Water Resources**
McDonald, Kwan**NOVEMBER 25, 2002 - Board Meeting**

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Approved by: Darryl G. Miller

ACTION CALENDAR

STREET SWEEPING RETROFIT AMENDMENT TO AGREEMENT NO. W472
IN THE CITY OF INGLEWOODSUMMARY:

During the past 12-months, West Basin Municipal Water District (WBMWD) staff has been working with the City of Inglewood (City) staff to explore the use of recycled water in the City's street sweeping and sewer flushing vehicles. The vehicles will be retrofitted such that either recycled water or potable water can be introduced into the vehicles. Recycled water will be available in the City's Service Yard through a proposed service connection, and potable water will be available from existing fire hydrants around the City. To make recycled water available, a water service lateral pipeline from West Basin MWD's existing distribution pipeline will need to be constructed. The vehicles will also need to be retrofitted so as to keep the two supplies of water separate. This Project, which is estimated to use five acre-feet per year, will be the first such approved use of recycled water in the State of California.

The construction of this recycled water project is best described in three segments. The first segment is to construct a recycled water service lateral from the main distribution pipeline in Eucalyptus Avenue to the recycled water meter that will reside in the sidewalk. The cost estimate for this segment is \$7,000 and will be paid by WBMWD.

The second segment is construction/installation of the recycled water meter. This cost is borne by the water purveyor, in this case the City. The third segment is the facilities downstream of the meter which, in the case of this Project includes piping, a recycled water fire hydrant, and retrofitting of the trucks. WBMWD has obtained an estimate for \$11,850 to construct the piping and install the fire hydrant. WBMWD staff is proposing this cost be split evenly between the two agencies.

The City has obtained estimates to retrofit the trucks for \$4,000 which will be paid for by the City. To help the City finance its portion of the capital cost of this Project, WBMWD staff is proposing the Retrofit Financing Agreement (Agreement No. W472) be amended to include the costs of this Project. Those capital costs will be repaid by the City using recycled water at several sites.

There are several steps that remain before recycled water use can be initiated at the site. Those include:

1. WBMWD shall prepare and submit to the City schematics and an Engineering Report for review, comment and approval. Those documents will be sent to the State of California and Los Angeles County Department of Health Services' for review and approval;
2. City will execute WBMWD's "Conditions for the Introduction and Use of Recycled Water;"

3. WBMWD will prepare signage for the trucks (required by State DHS) to inform the public about the contents of the truck;
4. WBMWD will conduct an initial training seminar to comply with State requirements. The City will then be responsible for training appropriate staff in the future; and
5. WBMWD's contractor will construct the Project except the truck retrofitting which the City or its contractor will do.

FISCAL IMPACTS:

Funds for this Project are available in the Capital Improvement Program budget for fiscal year 2002-03.

ENVIRONMENTAL COMPLIANCE:

None required.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on November 6, 2002 and was recommended for approval at the November 25, 2002 Board meeting.

RECOMMENDED MOTIONS:

Authorize the General Manager to execute the attached amendment to Agreement W472 with the City of Inglewood for the street sweeping retrofit thereby adding \$10,000 to the retrofit amount financed by the City of Inglewood for a total agreement amount of \$183,937.

LIST OF EXHIBITS:

Exhibit A – Draft Amendment

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EXHIBIT "A"