



**WEST BASIN MUNICIPAL WATER DISTRICT**  
17140 S. Avalon Blvd., Suite 210  
Carson, CA 90746

**AGENDA NO. 29**

**DECEMBER 17, 2009 – Water Resources**

Little (Chair), Gray

**DECEMBER 28, 2009 – Board Meeting**

Prepared by: Christiana Daisy

Submitted by: Wyatt Won

Approved by: Rich Nagel

## ACTION CALENDAR

### C. MARVIN BREWER DESALTER PUMP REFURBISHMENT

#### SUMMARY:

California Water Service (Cal Water), the operator of C. Marvin Brewer Desalter, shutdown the Desalter on October 7, 2009 after observing problems with one of the booster motors. Temporary repairs were made to the booster motor. Cal Water then attempted to operate the Desalter and discovered problems with the modules to the Programmable Logic Controllers (PLC). Repairs were made to the PLC modules and start-up was attempted again. After the second start-up attempt, Cal Water discovered that the well shaft was shaking and the mechanical seal was leaking.

Cal Water solicited a quote to repair the mechanical seal leak and stabilize the shaft. When the pump was removed to repair the mechanical seal, Cal Water discovered that damage to the well casing and shaft was much more extensive than initially thought. It was determined that extensive refurbishment of the pump and replacement of the well shaft is required.

Because it is essential that Cal Water repair the pump as quickly as possible and return this facility back to service, staff recommends that the Board authorizes the General Manager to direct Cal Water to repair the pump for an amount not-to-exceed \$90,000. The actual cost of the repair will be reported back to the Board.

#### STRATEGIC BUSINESS PLAN IMPLEMENTATION:

Goal 4: Sound Financial & Resources Management – West Basin is committed to efficient business operations, financial planning and asset management.

#### FISCAL IMPACTS:

Funds are included in the Fiscal Year 2009-10 Capital Replacement Designated Fund.

#### ENVIRONMENTAL COMPLIANCE:

Not applicable.

#### COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on December 17, 2009 directed the General Manager to direct Cal Water to make the repair. The Committee Action was agendized to the December 28, 2009 Board meeting for Board ratification.

RECOMMENDED MOTION:

That the Board ratifies the Committee action that directed the General Manager to have Cal Water make the repair to the Desalter pump for an amount not-to-exceed \$90,000.

LIST OF EXHIBITS:

None.

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