

WEST BASIN MUNICIPAL WATER DISTRICT**OCTOBER 11, 2007 – Water Resources**

Smith (Chair), Little

OCTOBER 22, 2007 – Board Meeting

Prepared by: Wyatt Won

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Approved by: Richard Nagel

INFORMATION CALENDAR

DISTRIBUTED CONTROL SYSTEM UPGRADESUMMARY:

The West Basin Water Recycling Plant and satellite plants are monitored and controlled using a proprietary Distributed Control System (DCS) manufactured by Emerson (formerly Westinghouse). Much of the DCS is over ten years old. The Distributed Processing Units (DPUs), which are the remote units that process information, have been "retired" by Emerson. Spare parts for the existing DPUs are not always available from Emerson because they have to be scavenged from other units. In addition, the operator workstations are no longer supported by Sun Microsystems. As with the DPUs, spare parts typically have to be scavenged from other workstations.

Staff and United Water Services are developing design/build documents to upgrade the DCS, including operator workstations, so that reliable cost-effective operations of the treatment facilities can continue. Staff anticipates having the bid results next month for possible Board action.

FISCAL IMPACTS:

Funds are included in the Facility Replacement Fund.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on October 11, 2007 and agendized to the October 22, 2007 Board meeting as information for discussion.

RECOMMENDED MOTION:

This item is for information only.

LIST OF EXHIBITS:

None.