

WEST BASIN MUNICIPAL WATER DISTRICT

JULY 14, 2005 - Water Resources
Little, Kwan
JULY 25, 2005 - Board Meeting
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INFORMATION CALENDAR

DISTRIBUTED CONTROL SYSTEM UPGRADE

SUMMARY:

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 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 is looking at options to upgrade the DCS, including operator workstations, so that reliable cost-effective operations of the treatment facilities can continue. Staff anticipates having the results of the evaluations in the next couple of months and will report the results to the Board for possible action.

FISCAL IMPACTS:

Not applicable.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on July 14, 2005 and was agendized to the July 25, 2005 Board meeting as information for discussion.

RECOMMENDED MOTION:

This item is for information only

LIST OF EXHIBITS:

None.