



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

AGENDA NO. 6

MARCH 11, 2010 – Water Resources
 Little (Chair), Gray

MARCH 22, 2010 – Board Meeting
 Prepared by: Christiana Daisy
 Submitted by: Wyatt Won
 Approved by: Rich Nagel

INFORMATION CALENDAR

HYPERION WATER QUALITY PROJECT UPDATE

SUMMARY:

Staff has been working on six projects to try to improve the water quality from Hyperion to address microfiltration (MF) fouling issues. A question was asked at the February 5, 2010 Special Board Workshop about how much has been spent to date on the six projects outlined at the Board Workshop. The status of the six projects and associated costs are shown in the following table:

Project	Status	Board Approved Consultant/Contractor Costs	Other Costs
MF pretreatment -- Ozone pilot	Procuring equipment	Up to \$200,000	None
MF pretreatment -- ferric chloride pilot	On-going	None	Minimal chemical costs
MF maintenance backwash demonstration	Complete	None	Minimal chemical costs
Adding more oxygen to Modules 1 and 2	On-going	None	None
Adding ferric chloride at Hyperion process	Study/design of system on-going	Up to \$80,000	None
Installing automated slide gates at Modules 1 and 2	On hold pending results of previous testing	None	None
Total		Up to \$280,000	Minimal chemical costs

The total committed to date to consultants and contractors is \$280,000 for the ozone pilot project and adding ferric chloride at Hyperion. It was initially thought that adding more oxygen to Modules 1 and 2 would cost about \$1 million to turn on the second oxygen generator. However, Hyperion staff suggested modifying their operations so that the second oxygen generator did not have to be turned on. Modules 1 and 2 have been operating in this modified mode since late August 2009.

STRATEGIC BUSINESS PLAN IMPLEMENTATION:

Goal 1: Water Reliability – West Basin is committed to innovative planning and investments to provide water supply reliability and drought protection.

Goal 2: Water Quality – West Basin is committed to providing safe, high quality water by meeting current and anticipated water quality requirements.

FISCAL IMPACTS:

Funding for the Hyperion Water Quality Project is from the PayGo Fund.

ENVIRONMENTAL COMPLIANCE:

Not applicable

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on March 11, 2010 and agendaized to the March 22, 2010 Board meeting as information for discussion.

RECOMMENDED MOTION:

This item is for information only.

LIST OF EXHIBITS:

None.