



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

AGENDA NO. 15

OCTOBER 15, 2009 – Water Resources

Little (Chair), Gray

OCTOBER 26, 2009 – Board Meeting

Prepared by: Joe Walters

Submitted by: Joe Walters

Approved by: Rich Nagel

ACTION CALENDAR

SOURCE CONTROL IMPLEMENTATION PLAN (SCIP)/HYPERION AGREEMENT

SUMMARY:

West Basin Municipal Water District (West Basin) and Los Angeles Department of Water and Power (DWP) staff have prepared an amendment to the existing Recycled Water Agreement (#C83502) with the DWP and Los Angeles Bureau of Sanitation (BOS) to expand the Hyperion pump station facilities for future demand and to meet the requirements to provide 100% recycled water to the West Coast Basin Barrier.

Hyperion Pump Station Amendment

This amendment enables West Basin to expand the existing Hyperion Secondary Effluent Pump Station pumping capacity at the Los Angeles Hyperion Waste Treatment Plant from the current 51 million gallons per day (MGD) to an ultimate of 115 MGD by expanding equipment and building facilities, along with a secondary electrical feeder and electrical facilities for pump station reliability. Facility expansions would likely occur in phases as recycled water demands increase over time. All capital costs would be funded wholly by West Basin.

Source Control Implementation Plan

Staff has worked diligently with the California Department of Public Health and the Regional Water Quality Control Board for the past five years to achieve approval of 100% recycled water to the West Coast Basin Barrier. Among the elements of this process was the Source Control Implementation Plan (SCIP). The SCIP is a document unique to our permit that requires West Basin to perform the following:

- Conduct extensive monitoring of emerging contaminants at the plant;
- Complete a detailed investigation of contaminants found in West Basin influent;
- Participate in sampling with the City of Los Angeles (City) at particular businesses that may discharge hazardous materials containing emerging contaminants of concern; and
- To develop a better chemical source reduction outreach program with the City.

The final step is the proposed amendment to include DWP and BOS in the SCIP plan. West Basin would test water for potentially harmful constituents. Upon identifying constituents of concern, DWP and BOS would assist and participate with West Basin in helping to identify the source of the constituent, and then educate and persuade the entity to discontinue discharge of the constituent. All such activity will be paid for by West Basin.

STRATEGIC BUSINESS PLAN IMPLEMENTATION:

Goal 1, Reliability – Maintain a level of local water reliability that supports the regional economy, our community and customer agency needs.

COMMITMENT STATEMENT:

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

FISCAL IMPACTS:

Funds for design of this project are included in the Fiscal Year (FY) 2009-10 Capital Budget. Funds for construction will be included in the FY 2010-11 Capital Budget.

ENVIRONMENTAL COMPLIANCE:

None at this time.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on October 15, 2009 and was recommended for approval at the October 26, 2009 Board meeting.

RECOMMENDED MOTION:

That the Board considers approval of the amendment existing agreement #C83502 with DWP/BOS to expand the pump capacity from Hyperion Waste Treatment Facility and initiate the Source Control Implementation Plan (SCIP).

LIST OF EXHIBITS:

Exhibit "A" – Amendment to Agreement C83502

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