

**WEST BASIN MUNICIPAL WATER DISTRICT**

**SEPTEMBER 14, 2006 – Water Resources**

Little, Baker

**SEPTEMBER 18, 2006 – Board Meeting**

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Approved by: Rich Nagel

INFORMATION CALENDAR

DISINFECTION STATION DESIGN PROJECT

SUMMARY:

In February 2006, the Board approved initiation of design and construction efforts to implement long-term disinfection systems at three strategic sites located in the Cities of Inglewood, Hawthorne and unincorporated Los Angeles County. The disinfection stations will serve to improve and maintain high water quality throughout West Basin Municipal Water District's recycled water distribution system through an increase in chlorine residual.

The disinfection stations are proposed to be located in the vicinity of:

- Intersection of 120<sup>th</sup> Street and Tahoe Avenue – Disinfection Site No. 1;
- Intersection of 120<sup>th</sup> Street and Crenshaw Avenue – Disinfection Site No. 2; and
- Intersection of Prairie Avenue and Century Boulevard – Disinfection Site No. 3.

**Disinfection Site No. 1**

Disinfection Site No. 1 would be located within Los Angeles County's road right-of-way, and only encroachment permits will be required for construction. The final design effort has been initiated and construction plans are under review by the Los Angeles County Public Works and Fire Department for permitting purposes.

**Disinfection Site No. 2**

Disinfection Site No. 2 is under evaluation to determine feasibility due to limited site availability within Los Angeles County Flood Control District's right-of-way and potential quality improvement through installation of upstream disinfection stations.

**Disinfection Site No. 3**

Disinfection Site No. 3 would be located at the City of Inglewood's Well Site 6 near the intersection of Prairie Avenue and Century Boulevard. Staff is currently coordinating with the City of Inglewood to draft an agreement for easement acquisition. Upon commencement of agreement process, City of Inglewood will provide the District with relevant site and design information required to initiate disinfection station design.

FISCAL IMPACTS:

Not applicable.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item will be reviewed by the Water Resource Committee on September 14, 2006. This item will be agendized to the September 18, 2006 Board meeting packet as information for discussion, which will be distributed prior to the Committee meeting.

RECOMMENDED MOTION:

This item is for information only.

LIST OF EXHIBITS:

Exhibit "A" Map – Proposed Permanent Booster Disinfection Stations

