

CENTRAL BASIN MUNICIPAL WATER DISTRICT

SEPTEMBER 9, 2004 - Water Resources
Morse, Hawkins

SEPTEMBER 27, 2004 - Board Meeting

Prepared by: Van M. Jew

Submitted by: Paul E. Shoenberger

Approved by: Richard Nagel

INFORMATION CALENDAR

RECYCLED WATER EXPANSION IN THE CITY OF DOWNEYSUMMARY:

Over the last several months, staff has been engaged in discussions with the City of Downey regarding their plans to expand recycled water use within the City. The City's plan includes installing a mainline lateral along Lakewood Boulevard from Donovan Street to as far as the northern boundary of the City, a distance of nearly 15,000 feet. In the vicinity of the mainline lateral, at least 23 potential recycled water users have been identified (see Exhibit "A") with an estimated demand totaling 295 acre-feet per year. Additionally two other customers, Kaiser Hospital Cooling Towers and Warren High School, have also been identified. The likelihood of connecting to the recycled water system is being evaluated.

Staff has been working with the City to help identify new customers and estimate the peak demand, review and comment on the City's engineering design plans, provide hydraulic analysis of various alternatives to meet future system demand and maintaining adequate pressure. For discussion purposes staff has submitted to the City a draft agreement addressing the roles and responsibilities in the operations and maintenance of the new pipelines.

The City of Downey's Request

The City has requested, as part of the District's partnership to further enhance the use of recycled water in their City, that the District construct a 12-inch pipeline along Florence Avenue extending from the San Gabriel River to Lakewood Boulevard. The 5,500 foot pipeline will improve the pressure and flow available to the potential new customers. The Project is estimated to cost \$990,000. Alternatives to this pipeline include the more economical alternative (\$200,000) of installing on-site booster pumps at three user site locations.

Staff recognizes the reasonableness of the City's request to invest in recycled water expansion plans. Staff has developed a rebate incentive concept whereby the amount of rebate (funds paid by District to City) will be linked to the City's success in connecting new customers and the actual amount of recycled water sales.

Staff is continuing discussions with the City to determine how much the District might be willing to invest and what form that investment might take.

FISCAL IMPACTS:

To be determined.

ENVIRONMENTAL COMPLIANCE:

None.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on September 9, 2004 and agendaized to the September 27, 2004 Board meeting as information for discussion.

RECOMMENDED MOTION:

This item is for information only.

LIST OF EXHIBITS:

Exhibit "A" - List of Potential Recycled Water Users

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