

WEST BASIN MUNICIPAL WATER DISTRICT

OCTOBER 12, 2006 - Water Resources

Little, Baker

OCTOBER 30 2006 - Board Meeting

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Approved by: Rich Nagel

INFORMATION CALENDAR

OCEAN-WATER DESALINATION PILOT PLANT

SUMMARY:

West Basin Municipal Water District (District) has made great strides in the advancement of its ocean-water desalination program development through its rigorous piloting and research program. During the last four years, the District has been operating the piloting program at the El Segundo Power Plant. The lease agreement with El Segundo Power expired in January 2005. Though the District sought the renewal of the lease agreement with El Segundo Power, they refused to renew the lease agreement, thus, a month to month lease agreement was established.

On September 29, 2006, representatives from El Segundo Power notified the District that they would be moving forward with their re-powering efforts of units 1 and 2 and that the District's Ocean-Water Desalination Pilot Plant would need to be relocated. Initial requests by El Segundo Power were to provide the District 60 days to relocate, however, El Segundo Power recently moved up the relocation request to occur by the end of October. Relocation could be to another site within the power plant facility or complete removal from the power plant.

El Segundo Power has offered a relocation site within the power plant facility that would meet piloting site requirements. District staff is currently working with El Segundo Power in identifying the specific boundaries of the new piloting site. Relocation of the pilot plant to another site within the power plant will be an extensive effort due to the numerous processes, piping, and components associated with the facility. Staff has estimated the cost of the relocation to range between \$150,000 and \$200,000. Due to the short time period available to perform the relocation, the relocation effort would be most effectively performed through United Water Services on a time and material basis. Layout of the relocation could be performed by the District's membrane consultant.

Relocation of the Ocean-Water Desalination Pilot Plant will interrupt current piloting studies and commitments. Staff continues to consider other options available for meeting the District's piloting objectives and will bring these options to the Board for further consideration.

FISCAL IMPACTS:

Funds for this project are available from the District's construction funds.

ENVIRONMENTAL COMPLIANCE:

No environmental documents are required as the relocation of the piloting plant will be performed within the footprint of the same area.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on October 12, 2006 and agendized to the October 30, 2006 Special Board meeting as information for discussion.

RECOMMENDED MOTIONS:

This item is for information only.

EXHIBITS:

None.