



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Department Name: Public Works/Lag San
Department No.: 054
For Agenda Of: 08/09/2011
Placement: Administrative
Estimated Tme:
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Directors, Laguna County Sanitation District

FROM: Department Scott D. McGolpin, P.E., x3010
Director(s) Public Works Director

Contact Info: Mark A. Schleich, P.E., x3600
Deputy Public Works Director

SUBJECT: Recycled Water Tank Project, Fourth Supervisorial District

County Counsel Concurrence

As to form: N/A

Auditor-Controller Concurrence

As to form: N/A

Other Concurrence:

As to form: N/A

Recommended Actions:

Authorize the Director of Public Works to advertise the second recycled water storage tank project (WTANK2) for construction bids.

Summary Text:

The Laguna County Sanitation District discharges tertiary disinfected recycled water by distribution to various user sites. The water produced for use off-site is pumped from short-term storage facilities at the reclamation plant. Staff recommends this action authorizing the advertisement for bids to install the second 1 million gallon tank to accommodate off-site irrigation demands as well as to provide redundancy to the supply system.

Background:

Wastewater at the Laguna County Sanitation District reclamation plant is treated to tertiary levels. Discharge is accomplished by irrigation to off-site locations as well as on District owned pastureland. Distribution to off-site users was originally intended to be performed by pumping the water from a proposed earthen pond sized to hold approximately 3.5 million gallons as described in the 2000 Mitigated Negative Declaration for the 2001 upgrade project. However, an interim pond as well as the proposed open pond was subject to wind-blown debris, soil contact, bird, and rodent influence, and algae blooms. An enclosed tank battery, therefore, more adequately protects water quality and reduces chlorine use.

This is the second 1 million gallon storage tank to be installed, the first having been completed in May 2010. A second tank makes recycled water more readily available as wastewater flows increase and provides for a redundant system to accommodate maintenance activities. Build-out of development may ultimately require the installation of a total of 4 tanks.

The Board approved a Mitigated Negative Declaration pursuant to the California Environmental Quality Act (CEQA) for the upgrade project on April 18, 2000, which included the open pond. Therefore, environmental review under CEQA for the 4 tanks consisted of an addendum to that document, dated September 2, 2008. The addendum determined that no new or additional impacts are associated with the amended project. Mitigation measures to address environmental concerns will be implemented.

Performance Measure:

Installation of the storage tanks will allow for more efficient supply and distribution of recycled water to off-site users by having stored volumes meeting or exceeding instantaneous demand rates. In addition, a tank battery provides for redundant systems to aid in maintenance and repair activities.

Fiscal and Facilities Impacts:

Budgeted: Yes **Fiscal Analysis:**

This project is included in the Public Works Department section of the current Five-Year CIP on page B-149. Laguna County Sanitation District capital replacement reserves will be used to fund the project as a total one-time expense. The estimated project value falls within Green Sheet Value Code "G" (\$750,000 - \$999,999). This value is included in the Notice to Bidders and is used for contractor bonding purposes. The actual construction cost will be provided after bids are opened and presented to the Board for separate action to consider awarding the contract. Funds are budgeted in Department 054, Fund 2870, Line Item Account 8200.

Staffing Impacts:

Legal Positions:

None

FTEs:

None

Special Instructions:

Please forward one copy of the certified minute order for this action to the Laguna County Sanitation District office in Santa Maria to the attention of Martin Wilder, District Manager, x8755, and to the Resource Recovery & Waste Management Division office in Santa Barbara to the attention of Shannon Barcelona, Administrative Office Professional, x3605.

Attachments:

None

Authored by:

Martin J. Wilder, x8750

Copy:

Colleen Hankins, Resource Recovery & Waste Management Division Accountant
File: WTANK2 file