

**SANTA BARBARA COUNTY  
BOARD AGENDA LETTER**



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

**Agenda Number:**  
**Prepared on:** 7/23/03  
**Department Name:** PW/Laguna Sanitation District  
**Department No.:** 054  
**Agenda Date:** 10/14/03  
**Placement:** Administrative  
**Estimate Time:**  
**Continued Item:** NO  
**If Yes, date from:**

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**TO:** Board of Directors  
Laguna County Sanitation District

**FROM:** Phillip M. Demery, Public Works Director

**STAFF** Mark A. Schleich, Deputy Director  
**CONTACT:** Martin J. Wilder, District Manager x8750

**SUBJECT:** Construction of the Total Dissolved Solids Reduction and Recycled Water Project (BRINEX #860031), Fourth and Fifth Supervisorial Districts

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**Recommendation(s):**

That the Board of Directors:

- A. Approve and authorize contract change order no. 13 to contract (BC 02029) with Cushman Contracting Corporation (a local vender) in the amount of \$38,875.00 for a total budget of \$9,465,378.00 for the Total Dissolved Solids (TDS) and Recycled Water project (BRINEX-860031) to provide for mechanical, electrical, and control modifications.

**Alignment with Board Strategic Plan:**

The recommendation(s) are primarily aligned with Goal No. 2, "A safe and healthy community in which to live, work and visit."

**Executive Summary and Discussion:**

The TDS Reduction and Recycled Water project implements treatment improvements to the wastewater reclamation plant. The improvements include membrane filtration; reverse osmosis and ultraviolet disinfection as well as major repairs to the trickling filter, boiler and flare system. At this time original contract work is complete, however, final site modifications are necessary to address process and mechanical changes.

Contract change order no. 13 addresses the installation of two actuator valves that will divert water flow when the ultraviolet disinfection system down, additional painting and coating, spray bar modifications and a credit for laboratory testing for equipment validation. The actuator valves are and added safety feature that will prevent undisinfected water from entering the tertiary disinfected water holding pond. The change order is in the amount of \$38,875. Utilizing the remaining \$3,258 in contingency, the total amended budget is \$9,465,378.

Overall, the project is essentially completed with the plant meeting new Regional Water Quality Control Board (RWQCB) effluent parameters in July and August. Final approval by the State Health Department based on validation testing for the UV disinfection is expected in November. It is anticipated that the Notice of Completion and the Statement of Final Quantities will be on the board's agenda in late October or early November. Distribution of recycled water to off-site users is expected to begin by the end of the year.

The project is funded through a low interest loan from the State Water Resources Control Board (SWRCB) in the amount of \$9.15 million and District reserves. The loan application was approved by the Board on April 11, 2000 and was endorsed by the Santa Barbara County Debt Advisory Committee on February 15, 2000. The loan finances the construction of the plant improvements and associated administrative costs including design and construction management. The Contract Change Order will be funded by District reserves.

The TDS Reduction and Recycled Water project is included in the Five Year Capital Improvement Plan (2000/2005 CIP B-248).

**Mandates and Service Levels:**

There are no changes in programs or service levels with this action.

**Fiscal and Facilities Impacts:**

The change order is funded by District service charges in reserves and is included in the budget as shown on page D-304 of the 2002/2003 budget under the Laguna Sanitation cost center of the Solid Waste & Utilities Division. Funding is located in Department 054, Fund 2870, Program 6000, Account 8200.

**Special Instructions:**

Request that the chair of the board sign the original contract change order, retain one copy of the contract change order and return the original along with a certified stamped minute order approving this action to the Public Works Department, Laguna County Sanitation District to the attention of Sheila Engellenner, ext 8750.

**Concurrence:**

None required.